

McCallum Brothers New Extraction Area – Draft Conditions

Conditions Glossary:

Acronym	Definition
EMMP	Environmental Monitoring Management Plan
Extraction Area	The consented sand extraction area as detailed in Condition 2

General Accordance with Application Documents

1. The sand extraction activity shall be carried out in general accordance with the plans and all information submitted with the application, detailed below, and all referenced by Auckland Council as consent reference (TBC):

Report title and reference	Author	Rev	Dated

Plan title and reference	Author	Rev	Dated

Other additional information	Author	Rev	Dated

Sand Extraction Areas

2. Sand extraction shall be limited to the following locations within the coastal marine area:

Point ID	Northing (NZTM)	Easting (NZTM)	LAT (Y)	LONG (X)
1				
2				
3				
4				
5				
6				
7				

Lapse Date

3. Under section 125 of the RMA, this consent lapses five years after the date it is granted unless:
 - a) The consent is given substantial effect to; or
 - b) The council extends the period after which the consent lapses.

Term of Consent

4. This consent shall be for a term of 35 years commencing from the date on which the consent is issued.

Monitoring Costs

5. The consent holder shall pay the council an initial consent compliance monitoring charge of \$330 (inclusive of GST), plus any further monitoring charge or charges to recover the actual and reasonable costs incurred to ensure compliance with the conditions attached to this consent.

Review of Consent Conditions

6. Under section 128 of the RMA the conditions of this consent may be reviewed by the Council five years after the commencement of the consent and at five yearly intervals after that if required to address a significant adverse effect on the environment

identified through the Topographical Survey Reports and as described in Condition 19 below.

7. If, following a review, any variations to the conditions of consent are recommended, these shall be implemented within 12 months of the date of the review.

Pre-Commencement Notification of Auckland Council

8. The consent holder shall notify the Council in writing at least ten (10) working days prior to sand extraction commencing under this consent.

Sand Extraction Methodology

9. The sand extraction shall be carried out by the trailing suction method using a trailing suction dredge.
10. Any change in the sand extraction method will require the prior written approval of the Council to be given or refused within 20 working days of the consent holder's request for the same. If no such decision has been provided by Council within 20 working days, the change in dredging method sought shall be deemed to be agreed by the Council.

Advice Note:

The consent holder will be expected to provide information showing that any proposed change of the sand extraction method will not result in effects on the seabed or benthic macrofauna that are significantly adverse in comparison with trailing suction dredging.

Extraction Volumes

11. Sand extraction shall be limited to an annual average rate of up to 125,000m³/year (calculated from the date on which the consent commences) over any rolling 5 year period and maximum rates of 150,000m³/year over any consecutive 12-month period and 15,000m³ over any consecutive 30 day period.
12. Sand extracted in any year (calculated from the date on which this consent commences) shall be taken in more or less even volumes per extraction cell from over the full extent of the extraction area.

Monitoring – volume and location

13. The consent holder shall keep daily records of the volume of sand extracted and the date, times and sea conditions during the period of extraction. The track of the sand

extraction vessel shall be recorded and mapped using a differential global positioning system (“DGPS”).

14. The consent holder shall provide a copy of the extraction records and the vessel tracking map to the Council quarterly from and including the first full quarter after this consent commences. If no sand extraction has occurred during a quarter, then a statement to that effect will be provided to the Council.

Monitoring – bathymetry

15. Within 5 years of the commencement of this consent and at 5 yearly intervals thereafter, the consent holder shall undertake a bathymetry survey of the nearshore along the existing profile lines out to the -25m Contour Depth.
16. The consent holder shall provide a report to the Council on the results of the bathymetry surveys within 2 months of the completion of each survey in a form and with the information specified in the EMMP.

Monitoring - Topography

17. In the first September after the commencement of this consent and at 12 monthly intervals thereafter, the consent holder shall undertake a topographical survey of the following:
 - a) beach/dune features from 1 km north of the extraction area to the Pakiri River mouth with data points at least every 100 m along the beach. The features to be surveyed are:
 - i. Dune line (i.e. top of the dune face);
 - ii. Seaward dune toe (i.e. major change of slope at dune/beach boundary);
 - iii. High tide or most recent storm run up limit (i.e. berm location);
 - iv. Lowest position possible on the beach (i.e. low tide limit).
 - b) At the existing monitoring profile locations (P1 to P8), a greater concentration of ground points to be surveyed to enable the profiles to be generated along the full profile lines.
18. The consent holder shall provide a report to the Council on the results of the topographic surveys within 2 months of the completion of each survey in a form and with the information specified in the EMMP.

Trigger for Review of Conditions of Consent

19. The conditions of consent may be reviewed in accordance with Condition 6 if the topographical survey reports show that
- a) The volume of sand within the beach profile (1-3.5m) shows loss at 3 adjacent monitoring profile sites (P1-P8) sustained over 3 consecutive surveys;
 - b) The excursion distances at +1.0m or +2.0m or +3.5m contours at 3 adjacent monitoring profile sites (P1-P8) are all landward over 3 consecutive surveys.

Environmental Monitoring Management Plan

20. Within two months of the commencement of this consent, the consent holder shall submit to the Council for approval an environmental monitoring management plan ("EMMP"). The EMMP will set out the objectives of the monitoring required by these conditions of consent and the monitoring methods to be employed in achieving those objectives.

21. In particular, the EMMP shall set out

- a) the programme and methodology for monitoring the effects (if any) of sand extraction on the bathymetry of the nearshore seabed out to the -25 m contour;
- b) the programme and methodology for monitoring the effects (if any) of sand extraction on the topography and volumes of the beach, fore dunes and intertidal area covered by the topographic surveys in condition 17;
- c) the methods by which the consent holder will ensure that sand extracted is taken in more or less even volumes across the full extent of the Extraction Area and the form in which this will be reported to the Council in accordance with the requirements of Conditions 12 and 13 above.

22. Any proposed amendments to the monitoring programmes and methodologies proposed in the EMMP will require the prior written approval of the Council to be given or refused within 20 working days of the consent holder's request for the same. If no such decision has been provided by Council within 20 working days, the amendments sought shall be deemed to be agreed by the Council.

Vessel Lighting

23. For all vessels associated with sand extraction, to avoid adverse effects on sea birds and marine mammals, lighting is to be inward and downward facing and minimised as far as practicable while still complying with any relevant maritime regulations and safety requirements.