

Coastal Permit

Under Section 104B of the Resource Management Act 1991, a resource consent is granted by the Southland Regional Council to **South Port New Zealand Limited** of **P O Box 1, Bluff 9842** from **7 June 2024**.

Please read this Consent carefully, and ensure that any staff or contractors carrying out activities under this Consent on your behalf are aware of all the conditions of the Consent.

Details of Permit

Purpose for which permit is granted: To dredge sediment at the Syncrolift site and to discharge the sediment from the dredging onto the seabed and into coastal waters.

Location - site locality Awarua/Bluff Harbour
- map reference 1,242,423E 4829,913N NZTM (Dredge site)
1,242,819E 4,829,903N NZTM (Discharge site P3)
1,242,744E 4,829,990N NZTM (Discharge site P4)

Legal description at the site: Marine and Coastal Area

Expiry date: 31 May 2049

Conditions

1. This resource consent authorises:
 - (a) the maintenance dredging of up to a maximum of 6,000 cubic metres of soft sediments, per annum comprising of predominately silt material, from the seabed at the Syncrolift site at the Island Harbour, Bluff; and
 - (b) the discharge and deposition of the sediment from the dredging onto the seabed and into coastal waters in Awarua/Bluff Harbour

2. The dredging of soft sediments shall be undertaken using a suction dredge and shall only be carried out across areas of seabed beneath the Syncrolift as shown on Appendix 1 and defined by centre point at the following NZTM co-ordinates:

Area	Easting	Northing
Syncrolift site	1,242,413	4,829,913

3. The seabed beneath the Syncrolift may be dredged to a target depth of 7.50 metres (m) chart datum (CD).
4. The discharge of spoil to water shall be carried out at discharge points denoted P3 and P4 as shown on Attachment 2, and being at the following NZTM 2000 perimeter co-ordinates:

Discharge Points	Easting	Northing
P3	1,242,819	4,829,903
P4	1,242,744	4,829,990

5. The Consent Holder shall maintain a record of the *in situ* quantity of all sediments dredged from the seabed at the Syncrolift site by means of a hydrographic survey and shall report these records to the Consent Authority (email: escompliance@es.govt.nz) at the conclusion of each annual dredging campaign.
- (a) If no dredging has occurred during the calendar year, the Consent Holder shall report that to the Consent Authority by 1 February of the following year.
6. The Consent Holder shall notify the Consent Authority (email: escompliance@es.govt.nz) in writing of each period of dredging works;
- (a) at least 10 working days prior to commencing any dredging works;
- (i) the commencement notice shall include an indicative works programme
- (b) no more than three working days after completion of the dredging works;

Timing of Works

7. Dredging shall be limited to the period 1 April to 30 September (inclusive).

Advice Note: *The purpose of this condition is to ensure these works avoid the seagrass (Zostera muelleri) flowering and growing season and Little Penguin breeding season.*

Sediment Control

8. The Consent Holder shall ensure that the discharge of dredged material occurs:
- (a) between 1 hour before high tide and 4 hours after high water (ebb tide), and at a depth of about 8 metres below the water surface, at the P3 discharge location; and
- (b) between 30 minutes and 4 hours after high tide (ebb tide), and at a depth of about 7 metres below the water surface, at the P4 discharge location.
9. The Consent Holder shall install a sediment barrier at the Syncrolift site prior to commencement of any subtidal or surface operations associated with the dredging operation.

Water quality

- 10. The Consent Holder shall, on five occasions during each annual dredging campaign, spot-monitor coastal water quality at the edge of the mixing zone of 200 m during the dredging.
 - (a) This shall involve the use of a Secchi disc and a calibrated meter (capable of measuring pH, temperature and dissolved oxygen) placed upstream and downstream of the mixing zone of the relevant discharge point (P3 or P4) as shown on the plan in Appendix 1.
 - (b) The monitoring is to occur while the discharge is occurring, within the periods stated in Condition 8 for the relevant discharge point (P3 or P4).

- 11. The discharges shall not result in any of the following effects in the waters of Awarua/Bluff Harbour, based on the results of upstream and downstream monitoring in accordance with Condition 10:
 - (a) reduce the ambient visual clarity by more than 20 percent;
 - (b) change the pH;
 - (c) change the natural temperature of the water by more than 3 degrees Celsius; and
 - (d) change the concentration of dissolved oxygen by less than 80% saturation beyond the mixing zones

Biosecurity

- 12. (a) The Consent Holder shall provide the Consent Authority (email: escompliance@es.govt.nz) with an updated biofouling management plan prior to commencement of the works.

- (b) The Consent Holder shall inspect the dredge, dredge platform and discharge pipe for fouling organisms, including *Undaria pinnatifida* and other “exclusion” species specified in the Southland Regional Pest Management Plan (SRPMP), prior to the dredge entering Bluff Harbour.
 - (i) The inspection shall be conducted no more than one week prior to entering the harbour.

- (c) If fouling organisms or other “exclusion” species are found, the Consent Holder shall ensure that the organisms are removed and disposed of to a designated refuse site on land, and any “exclusion” species identified in the SRPMP shall be reported to Biosecurity New Zealand and to the Consent Authority (email: escompliance@es.govt.nz).

- (d) The Consent Holder shall use Ministry for Primary Industries accredited operators to undertake inspection and cleaning of the dredge.

- (e) An inspection report shall be submitted to the Consent Authority (email: escompliance@es.govt.nz) prior to the dredge equipment entering Bluff Harbour detailing the timing, method, and findings of the inspection.

Noise

- 13. The Consent Holder shall ensure that the noise emissions arising from the dredging work complies with the Project Noise Standards set out in Table 1:

Table 1: Noise limits				
Time of week	Time period	Residential Receivers	At the ICB	Industrial 1 and Business 2

		Leq (dBA)	Lmax (dBA)	Leq (dBA)	Lmax (dBA)	Leq (dBA)	Lmax (dBA)
Weekdays (To 0730 Saturday morning)	0630- 0730	55	75	55	75	70	85
	0730- 1800	70	85	70	85		
	1800- 2000	65	80	65	80		
	2000- 0630	50	75	55	75		
Saturdays (to 0730 Sunday morning)	0730- 1800	70	85	70	85	70	85
	1800- 0730	50	75	55	75		
Sundays & public holidays (To 0630 next work day)	0730- 1800	55	85	55	85	70	85
	1800- 0630	50	75	55	75		

(Note: See Rule 5.3.5 of the Regional Coastal Plan for Southland 2013 for noise limit definitions of L_{eq} and L_{max} and the measurement of noise)

14. The Project Noise Standards in Condition 13 do not apply at any property or building under the ownership or control of the Consent Holder or its entities or subsidiaries in the port zone.
15. The Consent Holder shall ensure the dredging equipment is regularly maintained to minimise noise levels above and below water as far as practicable. Records of such maintenance shall be kept and provided to the Consent Authority upon request.

Sediment monitoring

16. The Consent Holder shall monitor sediment as follows:
 - (a) Sediment samples shall be collected at the following sites within one month of completion of the dredging works:
 - Ocean beach slipway (NZTM co-ordinates Easting 1,240,669 Northing 4,829,823;
 - Syncrolift site (Refer Condition 2 for details)
 - Discharge locations P3 & P4 (Refer Condition 4 for details)
 - Motupōhue mātaimai site (NZTM co-ordinates Easting 1,244,378; Northing 4,826,880);
 - Sediment deposition site (NZTM co-ordinates Easting 1,243,001; Northing 4,829,687).
 - (b) The samples shall be analysed for:
 - total arsenic,
 - total chromium,
 - total cadmium,
 - total copper,
 - total nickel,
 - total mercury,

- total zinc,
 - total lead,
 - total organic carbon,
 - polycyclic aromatic hydrocarbons,
 - total phosphorus,
 - tributyltin,
 - sulphate,
 - sediment particle size distribution
- (c) The consent holder shall provide a report detailing the findings of the sediment monitoring to the Consent Authority (email: escompliance@es.govt.nz) within three months of completion of the dredging works.
- (d) For the purposes of this condition, the completion of the dredging works shall be the date of the notice of completion of the dredging period provided in accordance with Condition 6.

Advice Note: *The sediment monitoring, including the report, is not required if dredging has not occurred.*

17. The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent during the period 1 February to 30 September each year, or within two months of any enforcement action being taken by the Consent Authority in relation to the exercise of this consent, for the purposes of:
- (a) determining whether the conditions of this permit are adequate to deal with any adverse effect on the environment, including cumulative effects, which may arise from the exercise of the permit, and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the permit; or
 - (b) ensuring the conditions of this consent are consistent with any National Environmental Standards Regulations, relevant plans and/or Policy Statement; or
 - (c) amending the monitoring programme to be undertaken; or
 - (d) adding or adjusting compliance limits; or
 - (e) requiring the Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this permit.

for the **Southland Regional Council**



Lacey Bragg
Consents Manager

Notes

1. *It is prohibited to introduce pests or unwanted organisms into the Coastal Marine Area under Rule 5.4.2.6 of the Regional Coastal Plan for Southland 2013.*
2. *This resource consent will lapse in accordance with Section 125 of the Resource Management Act 1991 if not exercised by 31 May 2029.*

3. *In accordance with Section 126 of the Resource Management Act, 1991, this consent may be cancelled by the Consent Authority if not exercised for a continuous period of 5 years or more.*
4. *The Consent Holder shall pay an annual administration and monitoring charge to the Consent Authority, collected in accordance with Section 36 of the Resource Management Act, 1991. This charge may include the costs of inspecting the site.*

Appendix 1: Coastal Water Quality Monitoring Locations



Site number	Location	NZTM co-ordinates	
		Easting	Northing
1	200 m upstream of P4	1,242,588	4,830,104
2	200 m upstream of P3	1,242,675	4,830,012
3	200 m downstream of P4	1,242,886	4,829,824
4	200 m downstream of P3	1,242,960	4,829,748