

Revised Consent Conditions as at 15th August 2018

RECOMMENDATION

APP.039650.01.01 Notified New
Notified Replacement

**DOUG SCHMUCK, C/- DOUG'S OPUA BOAT YARD, 1 RICHARDSON STREET,
OPUA 0200**

To carry out the following activities associated with Doug's Opu Boat Yard at Walls Bay, Opu, Bay of Islands at and about location co-ordinates 1701505E 6091855N.

Note: All location co-ordinates in this document refer to Geodetic Datum 2000, New Zealand Transverse Mercator Projection.

Coastal Permits:

- | | |
|-------------------------|--|
| AUT.039650.01.01 | Place, use and occupy space in the coastal marine area with a jetty and marina facility (including fixed jetty, gangway, pontoon and piles, associated services, security gate lighting, signage and hoardings). |
| AUT.039650.02.01 | Place use and occupy space in the coastal marine area with a refurbished slipway (including turning block and associated cabling). |
| AUT.039650.03.01 | Occupy space in the coastal marine area to the exclusion of others. |
| AUT.039650.04.01 | Use a slipway and a jetty facility (inclusive of work berth areas) for the purposes of vessel maintenance and chartering, and use two berths associated with the jetty facility pontoon as a marina. |
| AUT.039650.05.01 | Use and occupy space in the coastal marine area with existing seawalls (inclusive of existing reclamation associated with the seawalls). |
| AUT.039650.06.01 | Use and occupy space in the coastal marine area with a dinghy ramp. |
| AUT.039650.07.01 | Use and occupy space in the coastal marine area with stormwater culverts. |
| AUT.039650.08.01 | Use and occupy space with a workboat mooring and associated dinghy pull. |
| AUT.039650.09.01 | Disturb the land the in the coastal marine area during demolition and removal of unwanted structures, jetty facility construction and slipway refurbishment. |
| AUT.039650.10.01 | Capital dredging adjacent to a slipway, and jetty and marina facility, to form all-tide berths and an approach channel to the slipway and to the jetty and marina facility. |
| AUT.039650.11.01 | Maintenance dredging of vessel berths and an approach channel to the slipway and jetty and marina facility. |

Discharge Related Permits:

- AUT.039650.13.01** Discharge contaminants to air in the coastal marine area from vessel maintenance activities.
- AUT.039650.14.01** Discharge contaminants to air from vessel maintenance activities.
- AUT.039650.15.01** Discharge contaminants to land from vessel maintenance activities.
- AUT.039650.16.01** Discharge treated stormwater to the coastal marine area.

Land Use Consents:

- AUT.039650.17.01** To use those portions of a seawall located above Mean High Water Springs.

Land Use Consents (Issued under Transfer of Functions, Powers and Duties from the Far North District Council):

- AUT.039650.18.01** To use those portions of a dinghy ramp located above Mean High Water Springs.
- AUT.039650.19.01** To place and use those portions of a jetty facility located above Mean High Water Springs.

Subject to the following conditions:

General Conditions

- 1 These consents apply only to the structures, facilities, dredging area and occupation area identified on the **attached** Total Marine Services Limited drawings referenced as Northland Regional Council Plan Numbers **4826/1, 4826/3, 4826/4, 4826/5 and 4826/6** and the boatyard area and Walls Bay Esplanade Reserve areas identified on the **attached** Total Marine Services Limited drawings referenced as Northland Regional Council Plan Numbers **4826/2 and 4826/4**.
- 2 The council's assigned monitoring officer shall be notified in writing of the date that the demolition, construction and/or maintenance works, and capital dredging and each maintenance dredging operation is intended to commence, at least two weeks prior to the works or dredging operations commencing on each occasion. The Consent Holder shall arrange for a site meeting between the Consent Holder's contractor and the council's assigned monitoring officer. No works shall commence until the council's assigned monitoring officer has completed the site meeting.

***Advice Note:** Notification of the commencement of works may be made by email to mailroom@nrc.govt.nz.*
- 3 As part of the written notification required by Condition 2, the Consent Holder shall also provide to the council's assigned monitoring officer written certification from a suitably qualified and experienced person that all plant and equipment entering the coastal marine area associated with the exercise of these consents are free from unwanted or risk marine species.
- 4 All structures and facilities covered by these consents shall be maintained in good order and repair.

- 5 The coastal marine area shall be kept free of debris resulting from the activities authorised by these consents.
- 6 Noise levels associated with the exercise of these consents shall not exceed those set out in Schedule 1, **attached**.
- 7 The Consent Holder shall submit an updated Management Plan to the council's Compliance Manager, for certification, within three months of the date of commencement of these consents. The Management Plan shall cover all aspects of:
- (a) The operation and maintenance of the jetty and marina facility, including the working berths and marina berths;
 - (b) The operation and maintenance of the slipway;
 - (c) The capital and maintenance dredging, including appropriate sediment controls during the works; and the protection of the existing shellfish bed;
 - (d) Measures to avoid the discharge of contaminants to the coastal waters during maintenance activities on or adjacent to the jetty and marina facility;
 - (e) The operation and maintenance of the wash water treatment system, including as-built plans of the treatment system;
 - (f) The operation and maintenance of the stormwater treatment system, including as-built plans of the treatment system;
 - (g) Measures to minimise the discharge of contaminants to ground;
 - (h) Measures to minimise the emissions and any adverse effects on the environment from the discharges to air; and
 - (i) Contingency measures for unforeseen or emergency situations.
- 8 The operation and maintenance of the boatyard operations and jetty and marina facility shall be carried out in accordance with the approved Management Plan.
- 9 The Consent Holder shall review the Management Plan in consultation with the council at no greater than three yearly intervals. The reviewed Management Plan shall not take effect until its certification by the council's Compliance Manager.
- 10 A copy of these consents shall be provided to the person who is to carry out the works associated with these consents. A copy of the consent shall be held on site, and available for inspection by the public, during demolition, construction and/or maintenance and dredging.
- 11 In the event of archaeological sites or kōiwi being uncovered, activities in the vicinity of the discovery shall cease and the Consent Holder shall contact Heritage New Zealand Pouhere Taonga. Work shall not recommence in the area of the discovery until the relevant Heritage New Zealand Pouhere Taonga approval has been obtained.

Advice Note: *The Heritage New Zealand Pouhere Taonga Act 2014 makes it unlawful for any person to destroy, damage or modify the whole or any part of an archaeological site without the prior authority of Heritage New Zealand Pouhere Taonga.*

- 12 The Consent Holder shall, for the purposes of adequately monitoring these consents as required under Section 35 of the Act, on becoming aware of any contaminant associated

with the Consent Holder's operations escaping otherwise than in conformity with these consents:

- (a) Immediately take such action, or execute such work as may be necessary, to stop and/or contain such escape; and
- (b) Immediately notify the council by telephone of an escape of contaminant; and
- (c) Take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the escape; and
- (d) Report to the council's Compliance Manager in writing within one week on the cause of the escape of the contaminant and the steps taken or being taken to effectively control or prevent such escape.

For telephone notification during the council's opening hours, the council's assigned monitoring officer for these consents shall be contacted. If that person cannot be spoken to directly, or it is outside of the council's opening hours, then the Environmental Emergency Hotline shall be contacted.

Advice Note: *The Environmental Emergency Hotline is a 24 hour, seven day a week, service that is free to call on 0800 504 639.*

- 13 These consents shall lapse on 31 July 2023, unless before this date the consents have been given effect to.
- 14 Prior to the expiry or cancellation of these consents, the structures and other materials and refuse associated with these consents shall be removed from the consent area, and the consent area shall be restored to the satisfaction of the council, unless an application has been properly made to the council for the renewal of these consents or the activity is permitted by a rule in the Regional Plan.
- 15 The council may, in accordance with section 128 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions annually during the month of July for any one or more of the following purposes:
 - (a) To deal with any adverse effects on the environment that may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (b) To require the adoption of the best practicable option to remove or reduce any adverse effect on the environment; or
 - (c) To review discharge to air conditions relating to controls over timing of and equipment used for application of antifoulant and equipment to mitigate effects of air discharges.

The Consent Holder shall meet all reasonable costs of any such review.

Surrender of Consents

- 16 The Consent Holder shall surrender, in writing to the council, resource consents AUT.007914.01.03, AUT.007914.02.01, AUT.007914.03.01, AUT.007914.05.01, AUT.007914.06.01, AUT.007914.07.01, AUT.007914.08.01, AUT.007914.09.01, AUT.007914.16.01, AUT.007914.17.01, AUT.007914.18.01 and AUT.005359.01.01 within one month of the completion of the jetty and marina facility construction and slipway refurbishment works.

**AUT.039650.01.01, AUT.039650.02.01, AUT.039650.05.01, AUT.039650.06.01,
AUT.039650.07.01, AUT.039650.08.01, AUT.039650.17.01, AUT.039650.18.01,
AUT.039650.19.01 – Jetty and Marina Facility, Slipway, Seawalls, Dinghy Ramp,
Stormwater Culverts, Workboat Mooring and Dinghy Pull**

- 17 This consent applies only to the structures and facilities identified on the **attached** Total Marine Services Limited drawing referenced as Northland Regional Council Plan Number **4826/1**
- 18 The structures shall be constructed and maintained in accordance with the **attached** Total Marine Services Limited drawings referenced as Northland Regional Council Plan Numbers **4826/1** and **4826/3**.
- 19 As part of the notification required by Condition 2, a Demolition and Construction Management Plan (DCMP) shall be submitted to the councils Compliance Manager for certification. As a minimum the DCMP shall include the following:
- (a) The expected duration (timing and staging) of the demolition and construction/refurbishment works including disposal sites for unsuitable material.
 - (b) Details of sediment controls (e.g. silt curtains/screens) to be established during the demolition and construction works, including during dredging for the slipway refurbishment.
 - (c) The commencement and completion dates for the implementation of the sediment controls.
 - (d) Measures to ensure protection of the shellfish bed during the works.
 - (e) Monitoring procedures to ensure adverse effects on water quality beyond works area in the CMA are minimised.
 - (f) Measures to prevent spillage of fuel, oil and similar contaminants.
 - (g) Contingency containment and clean-up provisions in the event of accidental spillage of hazardous substances.
 - (h) Means of ensuring contractor compliance with the DCMP.
 - (i) The name and contact telephone number of the person responsible for monitoring and maintaining all sediment control measures.

The Consent Holder shall undertake the activities authorised by this consent in accordance with the approved DCMP.

Advice Note: *The council's Compliance Manager's certification of the DCMP is in the nature of certifying that adoption of the DCMP is likely to result in compliance with the conditions of this consent. The Consent Holder is encouraged to discuss its proposed DCMP with council monitoring staff prior to finalising this plan.*

- 20 The seaward end of the jetty and marina facility pontoon, and the seawalls shall be marked with the number **39650** in black lettering on a white background clearly displayed and in such a manner as to be clearly visible from the sea.
- 21 All rock or other materials used in the repair of the seawalls shall be free from material that could contaminate the adjacent foreshore. The ends of the seawalls shall be faired into the adjacent coastline in a manner such that end-effects arising from erosion do

not occur. A geotextile cloth, effective in preventing escape of seawall core fill material to the coastal marine area through the seawall, shall form part of the construction.

- 22 Sand, shell or gravel from the foreshore adjacent to the consent area shall not be used in the repair to, or maintenance of, the seawalls.
- 23 All vehicles or equipment entering the coastal marine area associated with the exercise of these consents shall be in good state of repair and free of any leaks e.g. oil, diesel etc.
- 24 An oil spill kit, appropriate to the plant and equipment being used, shall be provided and maintained on site during demolition, construction or maintenance works.
- 25 Works associated with demolition construction and or maintenance of the structures and facilities shall only be carried out between 7.00 a.m. and sunset or 6.00 p.m., whichever occurs earlier, and only on days other than Sundays and public holidays.
- 26 The exercise of these consents shall not result in any conspicuous oil or grease film, scums or foams, floatable or suspended materials, or a reduction in natural visual clarity of more than 20%, or emissions of objectionable odour in the coastal water area, as measured at any point 10 metres from the facilities during demolition, construction or maintenance of the facilities.
- 27 Immediately upon completion of the installation of the jetty and marina facility structures (and associated capital dredging) the Consent Holder shall notify the following organisations in writing of the installation of the facilities. Evidence of this notification shall be provided to the council's assigned monitoring officer.

Hydrographic Surveyor
Land Information New Zealand
PO Box 5501
Wellington 6145

The Maritime Safety Inspector
Maritime New Zealand
PO Box 195
Ruakākā 0151

Far North District Council
Private Bag 752
Kaikohe 0440

The Consent Holder shall include a scale plan of the completed works with the notification.

- 28 The Consent Holder shall have the structural integrity of the jetty and marina facility and slipway structures inspected and reported on by a Chartered Professional (Structural) Engineer. The first inspection shall be undertaken prior to July 2029 and the jetty and marina facility structures shall be re-inspected at five yearly intervals prior to the month of July in 2034, 2039, 2044 and 2049 with a final inspection undertaken prior to 31 January 2053, being six months before the expiry date of this consent. An inspection report from the Chartered Professional Engineer shall be provided to the council's assigned monitoring officer within two weeks of completion of the inspection. The inspection report shall identify any maintenance that is required, the timeframe within which this maintenance is required to be carried out and shall confirm, or otherwise, the ongoing structural integrity and security of the structures.
- 29 The Consent Holder shall carry out all the maintenance required as a result of the inspections undertaken in accordance with Condition 28 within the timeframe(s) prescribed in the inspections report. The Consent Holder shall notify the council's

assigned monitoring officer as soon as the maintenance works have been completed on each occasion.

- 30 In the event of failure or loss of structural integrity of any part of the jetty and marina facility covered by this consent, the Consent Holder shall immediately:
- (a) Retrieve all affected structure elements and associated debris that might escape from the marina and dispose of these on land where they cannot escape to the coastal marine area; and
 - (b) Advise the Regional Harbourmaster for Northland and the council's Compliance Manager of the event and the steps being taken to retrieve and dispose of the affected structure facility elements and debris.

Advice Note: *The purpose of this condition is to avoid navigation safety being compromised by floating debris and avoid contamination of the coastal marine area.*

AUT.039650.03.01 – Occupy Space in the CMA to Exclusion of Others

- 31 The area of exclusive occupation, over which the Consent Holder may exercise control of access and use, are limited to the Occupation Area identified on the **attached** Total Marine Services Limited drawing referenced as Northland Regional Council Plan Number **4826/1**, except that the Consent Holder shall not limit public access to and reasonable use of:
- (a) The dinghy ramp and access on to the intertidal beach on the southern side of the slipway; and,
 - (b) The jetty and marina facility during daylight hours. Signage shall be erected on the jetty facility gateway to advise the public of the availability of the public access.

AUT.039650.04.01 – Use of the Slipway, Jetty and Marina Facility and ~~Mudcrete~~ Grids

- 32 Maintenance of vessels and structures within the consent area shall not occur outside of the hours 0700-2000 Monday to Friday and 0800-2000 Saturday, Sunday and Public Holidays except in emergencies which directly involve the safety of people or vessels.

33 *Deleted*

- 34 The faecal coliform count, as sampled at any point within or adjacent to the jetty and marina facility, shall be less than 150/100 ml. If this test is failed, then the median result of samples taken at each sampling site as a result of four subsequent sampling events within a 30 day period shall be less than 150/100 ml and the 80%ile less than 600/100 ml.

Source: *ANZECC 2000 Guidelines: 95% specie level of protection for slightly-moderately disturbed systems.*

- 35 Concentrations of metals in seabed sediments as measured at any point 10 metres from the facilities shall not exceed the following:

Metal	Limit in Milligrams per Kilogram (dry weight)
Copper	65
Lead	50
Zinc	200

Advice Note: The results of some tests up to the date of issue of this consent have shown copper, lead and zinc concentrations to exceed those shown in the above table. Therefore, any successive test results for copper concentrations from the date of commencement of this consent, that are higher than the limits set in the above table, are required to show a progressive reduction to these levels.

- 36 The Consent Holder shall not allow any vessel to use any marina berth for overnight accommodation, unless either:
- (a) The vessel is equipped with a sewage treatment system which is specified in Schedule 5 and 7, or is compliant with Schedule 6 of the Resource Management (Marine Pollution) Regulations 1998 and which is installed, maintained, and operated in accordance with the manufacturer's instructions; or
 - (b) It is equipped with a sewage holding tank that has an effective outlet sealing device installed to prevent sewage discharges, this device remaining activated in the sealed state or position at all times while the vessel is moored; or
 - (c) The vessels sewage holding tank(s) have been sealed by the Consent Holder to prevent use whilst the vessel is used for accommodation at the berth.
- 37 The Consent Holder shall prohibit berth holders, as a condition of berthage, from discharging wastes (e.g. untreated sewage, oil, contaminated bilge water) into coastal waters within or adjacent to the jetty and marina facility.
- 38 The working berths associated with the jetty and marina facility shall not be used as a marina.
- 39 Deleted
- 40 Deleted
- 41 Deleted
- 42 Deleted
- 43 Deleted
- 44 Monitoring and testing of water and sediment quality in the vicinity of the facilities will be carried out by the council. Various elements of the approved monitoring and testing programme may be carried out by the Consent Holder with the agreement of the council's Compliance Manager.
- 45 The testing programme associated with the monitoring shall generally follow that set out in **attached** Schedule 2. The testing programme may, upon consultation between the council's Compliance Manager and the Consent Holder, be amended, subject to the agreement of the council's Compliance Manager.

AUT.039650.09.01 and AUT.039650.10.01 – Disturb Foreshore during Demolition Construction and Maintenance of a Jetty and Marina Facility and Associated Structures and During Dredging

- 46 Prior to the commencement of demolition, construction and dredging works and before the site meeting required by Condition 2, the northern extent of the shellfish bed on the intertidal beach south of the slipway and the Occupation Area identified on the **attached** Total Marine Services Limited drawing referenced as Northland Regional Council Plan Number **4826/1** shall be determined and generally marked with white survey pegs driven into the foreshore. The pegs shall be removed upon completion of the dredging works.
- 47 Foreshore disturbance from demolition, construction and dredging activities authorised by these consents shall avoid disturbance of the shellfish beds located on the intertidal beach outside of the Occupation Area identified on the **attached** Total Marine Services Limited drawing reference as Northland Regional Council Plan Number **4826/1**

AUT.039650.10.01 and AUT.039650.11.01 – Capital and Maintenance Dredging

- 48 A copy of these consents shall be provided to the person who is to carry out the works.
- 49 No dredging associated with these consents shall commence until a Dredging and Mooring Management Plan has been submitted to the councils Compliance Manager for certification. The Dredging and Mooring Management Plan shall be developed in consultation with the Regional Harbourmaster for Northland, and contain written direction of the Harbourmaster to authorise the movement of moorings and their attached vessels that are affected by the proposed dredging. The removal and relocation of moorings shall be undertaken by a mooring contractor approved by the Harbourmaster.
- 50 Dredging operations shall be undertaken in accordance with the certified dredging and Moorings Management Plan.
- 51 Dredging shall be confined to the dredging area identified on the **attached** Total Marine Services Limited drawings referenced as Northland Regional Council Plan Numbers **4826/5 and 4826/6**. Except that the batter slope on the southern side of the dredging area shall not extend on to the intertidal beach containing shellfish beds past the southern boundary of the Occupation Area identified on the **attached** Total Marine Services Limited drawing referenced as Northland Regional Council Plan Number **4826/1**.
- 52 The depth of capital dredging and any subsequent maintenance dredging shall not exceed 2 metres below chart datum.
- 53 *Deleted*
- 54 Maintenance dredging shall not take place more frequently than once in any consecutive 12 month period.
- 55 All dredged material shall be disposed of on land at a location authorised to take such material.
- 56 The council's assigned monitoring officer shall be notified in writing as soon as capital dredging is completed, and on completion of each maintenance dredging operation.

- 57 No discharge of wastes (e.g. sewage, oil, bilge water) shall occur from any vessel associated with the exercise of these consents.
- 58 Dredging works shall only be carried out between 1 March and 30 September.
- 59 All dredged spoil shall be fully contained whilst being transported to the disposal site.
- 60 Work associated with the dredging shall only be carried out between sunrise and sunset, as defined in the New Zealand Nautical Almanac, and appropriate navigation signals shall be shown at all times during dredging activities.
- 61 The exercise of these consents shall not cause any of the following effects on the quality of the receiving waters, as measured at or beyond a 100 metre radius from the dredger:
- (a) The visual clarity, as measured using a black disk or Secchi disk, shall not be reduced by more than 33% of the background visual clarity at the time of measurement;
 - (b) The turbidity of the water (Nephelometric Turbidity Units (NTU)) shall not be increased by more than 33% of the background turbidity at the time of measurement;
 - (c) The Total Suspended Solids shall not exceed 40 grams per cubic metre above the background measurement;
 - (d) The production of any conspicuous oil or grease film, scums or foams, or floatable or suspended materials, or emissions of objectionable odour; and
 - (e) The destruction of natural aquatic life by reason of a concentration of toxic substances.
- 62 Monitoring of dredging shall be undertaken in accordance with the **attached** Schedule 3.
- 63 *Deleted*
- 64 *Deleted*
- 65 *Deleted*

AUT.039650.13.01 - Discharge Contaminants to Air in the Coastal Marine Area

- 66 The discharges to air authorised by this consent applies only to the 'Discharge to Air and Offensive Odour Boundary' area below Mean High Water Springs identified on the **attached** Total Marine Services Limited drawings referenced as Northland Regional Council Plan Numbers **4826/1** and **4826/4**.
- 67 The preparation or smoothing of vessel hulls including removal or smoothing of antifouling shall not be undertaken in the consent area. The preparation or smoothing of vessel or facility superstructure using a sanding device shall not be undertaken unless dust collection apparatus that is operating effectively is attached to the device.

AUT.039650.14.01 —Discharge Contaminants to Air from Land

- 68 The discharges to air authorised by this consent applies only to the 'Discharge to Air and Offensive Odour Boundary' area above Mean High Water Springs identified on the

attached Total Marine Services Limited drawings referenced as Northland Regional Council Plan Numbers **4826/1** and **4826/4**. This consent does not authorise dry abrasive blasting activities.

69 The preparation or smoothing of vessel hulls or superstructure including removal or smoothing of antifouling using a sanding or grinding device without an attached dust collection apparatus that is operating effectively shall not be undertaken within the consent area.

70 Sanding and grinding operations shall only be conducted when the wind speed is between 0.5 m/s and 5 m/s (as an hourly average). The application of antifouling and paint shall only be undertaken when the windspeed is greater than 0.5 m/s and when apparent wind on the slipway is from the northeast to south (wind is blowing up the slipway through an angle of 45 to 170 degrees). The Consent Holder shall maintain equipment adjacent to the boatyard boundary that displays current windspeed and direction, this equipment and information display shall be visible from the reserve.

71 All spray application of antifouling paint shall comply with Environmental Protection Agency rules including setting up of a controlled work area around the vessel concerned.

72 Temporary screens shall be erected between the blasting area and the Walls Bay Esplanade Reserve (Sec 3 SO 68634 ~~and the walking track~~) at all times during high pressure water blasting to mitigate effects of spray drift.

↑ where it adjoins

73 All equipment used to avoid or mitigate any adverse effects on the environment from emissions to air shall be maintained in good working order.

74 The Consent Holder's operations shall not give rise to any offensive or objectionable dust, overspray, or odour at or beyond the 'Discharge to Air and Offensive Odour Boundary' as identified on the **attached** Total Marine Services Limited drawings referenced as Northland Regional Council Plan Numbers **4826/1** and **4826/4**.

75 *Deleted*

76 *Deleted*

77 *Deleted*

78 The Consent Holder shall, on a daily basis, keep records of all occasions when water blasting and spray coating activities are undertaken. These records shall be made available to the council's assigned monitoring officer on written request and shall include the:

- (a) *Deleted*;
- (b) Item(s) being spray coated;
- (c) *Deleted*;
- (d) Location at which spray coating occurred;
- (e) Date and time (Hours) of operation each day, including a record of the wind speed and direction at the commencement and conclusion of works on each day;
- (f) Number of spray coating units being used; and

- (g) Types and volumes of coating materials being applied.

AUT.039650.15.01 – Discharge to Land

- 79 High and low pressure water blasting and wet abrasive blasting of vessel hulls shall be confined to:
- (a) Bunded or sealed areas; or
 - (b) Facilities where water containing contaminants is diverted to a collection facility for immediate pumping to a waste containment facility on land for storage prior to offsite disposal; or
 - (c) To a trade waste disposal system.
- 80 All visible waste, including discoloured water, shall be hosed from the washdown pad immediately after completion of any water blasting operation. The collection system shall be sufficiently flushed following pressure blasting activities to ensure that contaminated washdown water is not disposed of in coastal waters via the stormwater network. Vessel washdown activities shall not be undertaken during heavy rainfall events that may lead to washdown water entering the stormwater network (i.e. combined volumes of washdown water and stormwater that exceed the capacity of the trade waste disposal pump).
- 81 All work areas shall be bunded, to prevent debris from vessel maintenance entering water bodies. The bunding shall be sufficiently impermeable to prevent leakage of contaminants.
- 82 All waste material, including antifouling residue, paint flakes and marine growth, removed from vessel hulls or generated from the cleaning or maintenance of vessels, shall be disposed of at an off-site facility that is authorised to accept such wastes. The Consent Holder shall provide evidence by way of tracking verification (i.e. receipts) of the disposal location, upon written request from the council's assigned monitoring officer.
- 83 Washdown areas and work areas used for dry or wet sanding, spray painting and other boat maintenance activities shall be cleared of accumulations of residues, paint flakes and any other debris at the end of each work session, or by the end of each working day, whichever occurs first.
- 84 Wet sanding shall be confined to bunded and sealed areas. The area used for wet sanding shall be bunded so stormwater from these areas is directed to the stormwater treatment system. Mats or other residue containment devices shall be placed beneath any hull being wet sanded to remove antifouling paint.

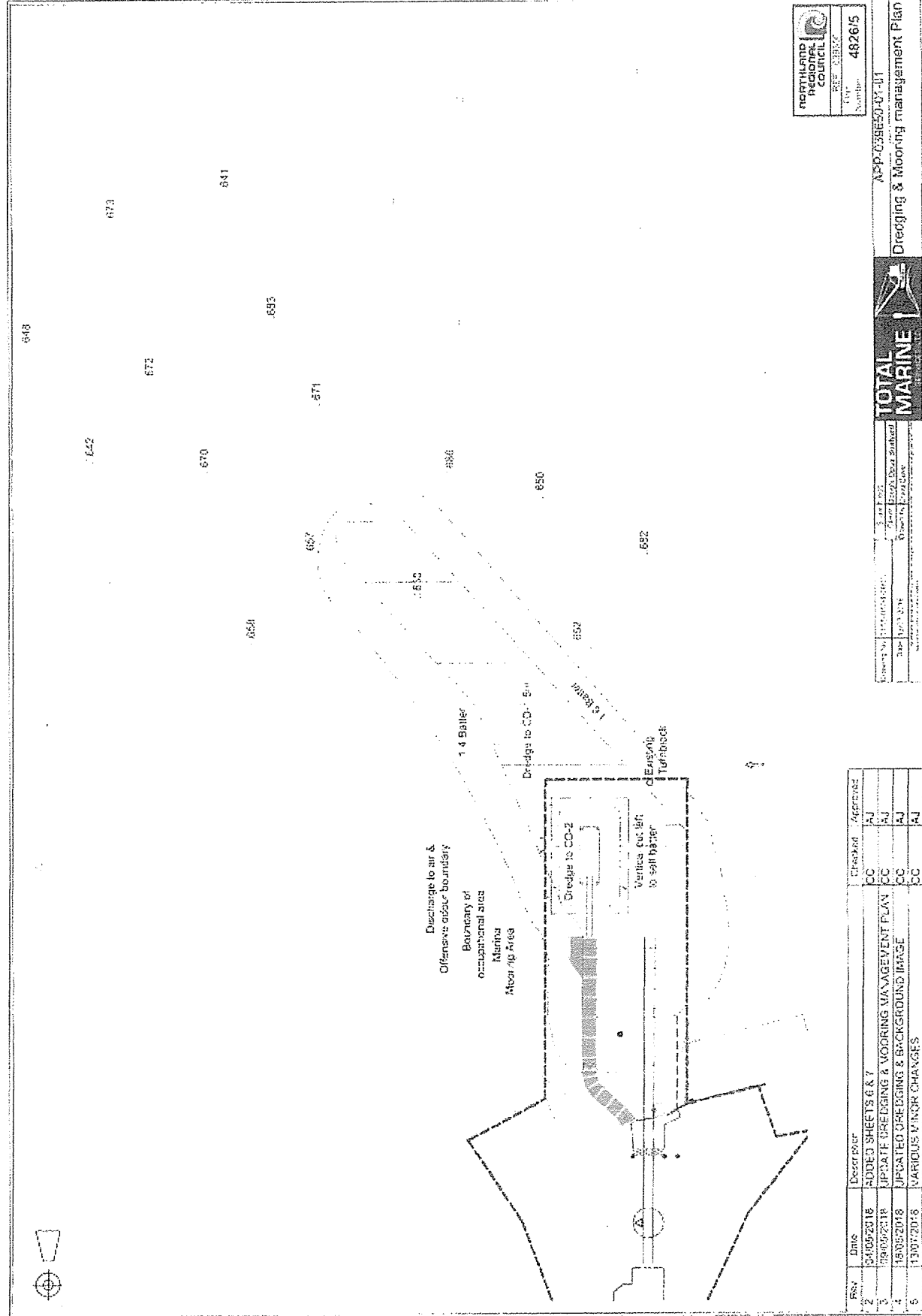
AUT.039650.16.01 –Discharge Treated Stormwater to the Coastal Marine Area

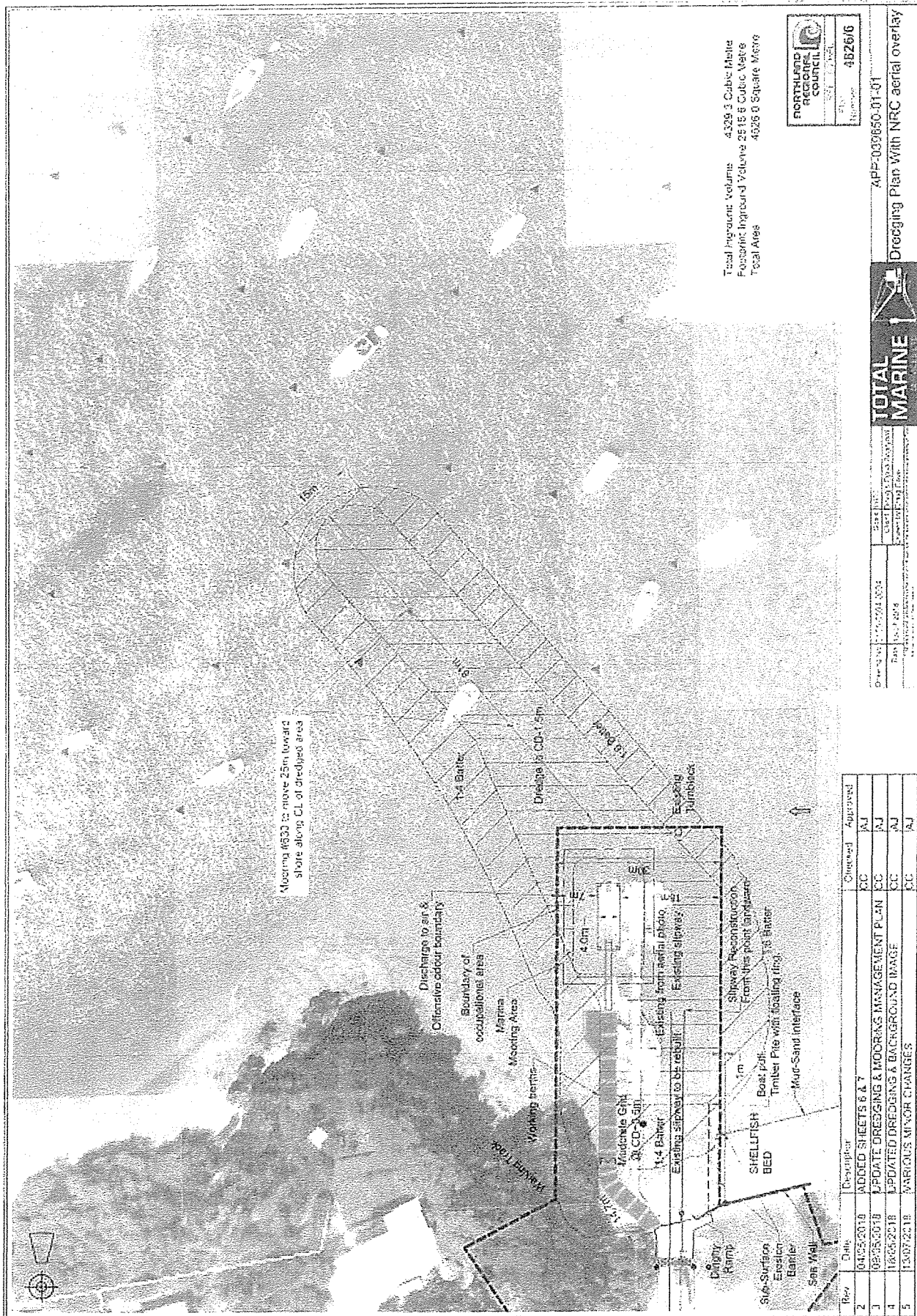
- 85 All stormwater from areas of land used for the maintenance of vessels shall be diverted to the stormwater treatment system for treatment prior to discharge to coastal waters.
- 86 The concentration of the contaminants in the stormwater discharge shall not exceed:
- (a) 20 grams per cubic metre of total petroleum hydrocarbons;
 - (b) 10 milligrams per cubic metre of total copper;
 - (c) 10 milligrams per cubic metre of total lead;

- (d) 100 milligrams per cubic metre of total zinc; or
 - (e) 100 grams per cubic metre of suspended solids.
- 87 The discharge of stormwater shall not result in any of the following effects, as measured at or beyond a 20 metre radius from the stormwater outlets:
- (a) Cause the pH of the receiving water to fall outside of the range 6.5 to 9.
 - (b) Cause the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials in the receiving water.
 - (c) Cause any emission of objectionable odour in the receiving water.
 - (d) Cause any significant adverse effects on aquatic life or public health.
- 88 The stormwater treatment system, and all associated equipment, shall be adequately maintained so that it operates effectively at all times. The Consent Holder shall keep a written record of all maintenance carried out on the stormwater treatment system and shall supply a copy of this record to the council's assigned monitoring officer immediately on written request.

EXPIRY DATE:	AUT.039650.01.01	to	AUT.039650.11.01	31 JULY 2053
	AUT.039650.13.01	to	AUT.039650.16.01	31 JULY 2036
	AUT.039650.17.01	to	AUT.039650.19.01	31 JULY 2053







SCHEDULE 1

ENVIRONMENTAL STANDARDS – NOISE

CONSTRUCTION NOISE

Based on Table 2, NZS 6803: 1999 “Acoustics – Construction Noise”, Standards New Zealand:

Time of Week	Typical Duration	Typical Duration (dBA)		Short Term Duration		Long Term Duration	
		L _{eq}	L _{max}	L _{eq}	L _{max}	L _{eq}	L _{max}
Weekdays	0630 – 0730	60	75	65	75	55	75
	0730 – 1800	75	90	80	95	70	85
Saturdays	0630 – 0730	45	75	45	75	45	75
	0730 – 1800	75	90	80	95	70	85

Construction Sound levels shall be measured in accordance with New Zealand Standard NZS 6803:1999 “Acoustics – Construction Noise”. Measurement shall be at any point on the line of Mean High Water Springs (MHWS) on the adjacent foreshore any point 100 metres from the jetty and marina facility.

Notes: 1 “Short-term” means construction work any one location for up to 14 calendar days.

“Typical duration” means construction work at any one location for more than 14 calendar days, but less than 20 weeks.

“Long-term” means construction work at any one location with a duration exceeding 20 weeks.

2 Noise levels L₁₀, L₉₅ and L_{max} are measured in dBA. Definitions are as follows:

- (a) dBA means the sound level obtained when using a sound level meter having its frequency response A-weighted. (See IEC 651);
- (b) L_{max} means the maximum noise level (dBA) measured;
- (c) L₉₅ means the noise level (dBA) equalled or exceeded for 95% of the measurement time;
- (d) L₁₀ as for L₉₅ except that the percentage figure is 10%.

OPERATION NOISE

Noise emitted from any activity associated with the jetty and marina facility, when measured at the boundary of the zone, shall not exceed the following noise levels as measured at or within the boundary of any residential site not under the control of the consent holder:

<i>Time Period</i>	<i>Noise Limit</i>
<i>0700 hrs to 2200 hrs</i>	<i>50 dBA L_{10}</i>
<i>2200 hrs to 0700 hrs the following day</i>	<i>45 dBA L_{10}</i>
	<i>65 dBA L_{max}</i>

Operation Sound levels shall be measured in accordance with New Zealand Standard NZS 6801:2008 Measurement of Environmental Sound, and assessed in accordance with NZS 6802:2008 Acoustics – Environmental Noise.

SCHEDULE 2

TESTING PROGRAMME FOR WATER QUALITY

DURING OPERATION OF JETTY FACILITY AND MARINA

Testing will be carried out for Faecal Coliforms for compliance with the standard.

Up to four separate testing events for Faecal Coliforms may be taken annually, unless monitoring results indicate it is necessary to go to a 30 day sampling regime, as provided for in the conditions of consent.

Samples will be taken at no less than three sites within or adjacent to the jetty and marina facility, and at suitable control sites (upstream and downstream) the precise locations of which will be determined following consultation by council monitoring staff with the Consent Holder.

The testing will be carried out between 1 November and 1 April in the following year.

Sampling will be carried out at the same time for, Temperature, Salinity and Dissolved Oxygen.

STORMWATER DISCHARGE

The stormwater discharges will be sampled during a moderate rainfall event following an extended dry period.

TESTING FOR METALS IN SEABED SEDIMENTS

Testing for metals in seabed sediments at the stormwater discharge location, and adjacent to the mudcrete grids and within the boundary of the marina area will be carried out annually.

SCHEDULE 3

DREDGE MONITORING PROGRAMME

During dredging operations, daily inspections of the waters adjacent to the dredge excavation areas will be undertaken by the dredging contractor, or the Consent Holder's nominated agent, in order to identify any visually observable change in clarity (turbidity) of the receiving waters at or beyond 100 metres from the point of the dredging operations. Results of the daily inspections are to be recorded in a written log book by the Consent Holder, and submitted to the council's assigned monitoring officer weekly email.

Should the visual inspection indicate any change in clarity at or beyond 100 metres from the point of the dredging operations, then the Consent Holder will implement the following monitoring programme to assess compliance with the relevant conditions of this consent.

Clarity measurements, using black disc or Secchi disc methods are to be taken at the boundary of the down-current edge of the mixing zone within the area of changed clarity. The same measurements are to be taken at least 50 metres up-current from the dredging activity to be used as control measurements for comparison with the down-current effect measurements. Three measurements are to be undertaken at each upstream and downstream location and the median used to assess compliance with the water quality standards stated and identified in the consent. Results of this monitoring are to be reported to the council's assigned monitoring officer in writing within one week of the occurrence of monitoring.

