

Annex 1 – Equipment and Resources

Contents

Emergency Operations Centre setup	3
Emergency Operations Centre equipment (EMBOP Group Coordination Centre)	5
Bay of Plenty Regional Council owned additional equipment, staff and resources	6
Bay of Plenty Regional Council's boat fleet	6
Immediate response capability	15
Other resources	16
Dispersant use	17
ROSC contacts	17
Maritime New Zealand equipment located in the Bay of Plenty	17
Whakatane Spill Shed Inventory Arawa Road Depot	20
Access to Bay of Plenty Regional Council spill response equipment	20
Supporting equipment	21
Oily waste disposal	21
Waste oil disposal companies	21
Motiti Island accommodation options	22
Other vessels	22
Aviation services	25
Safety equipment	25
Sampling laboratories	26
Cargo and marine services	26
Other supporting equipment	27

Fuel Industry contacts	28
Drone technology	28
Oiled wildlife response equipment	29
Temporary Holding Centres (THC) and Rehabilitation Centres (TRC)	31
Confidential contacts	31
Care Groups	32

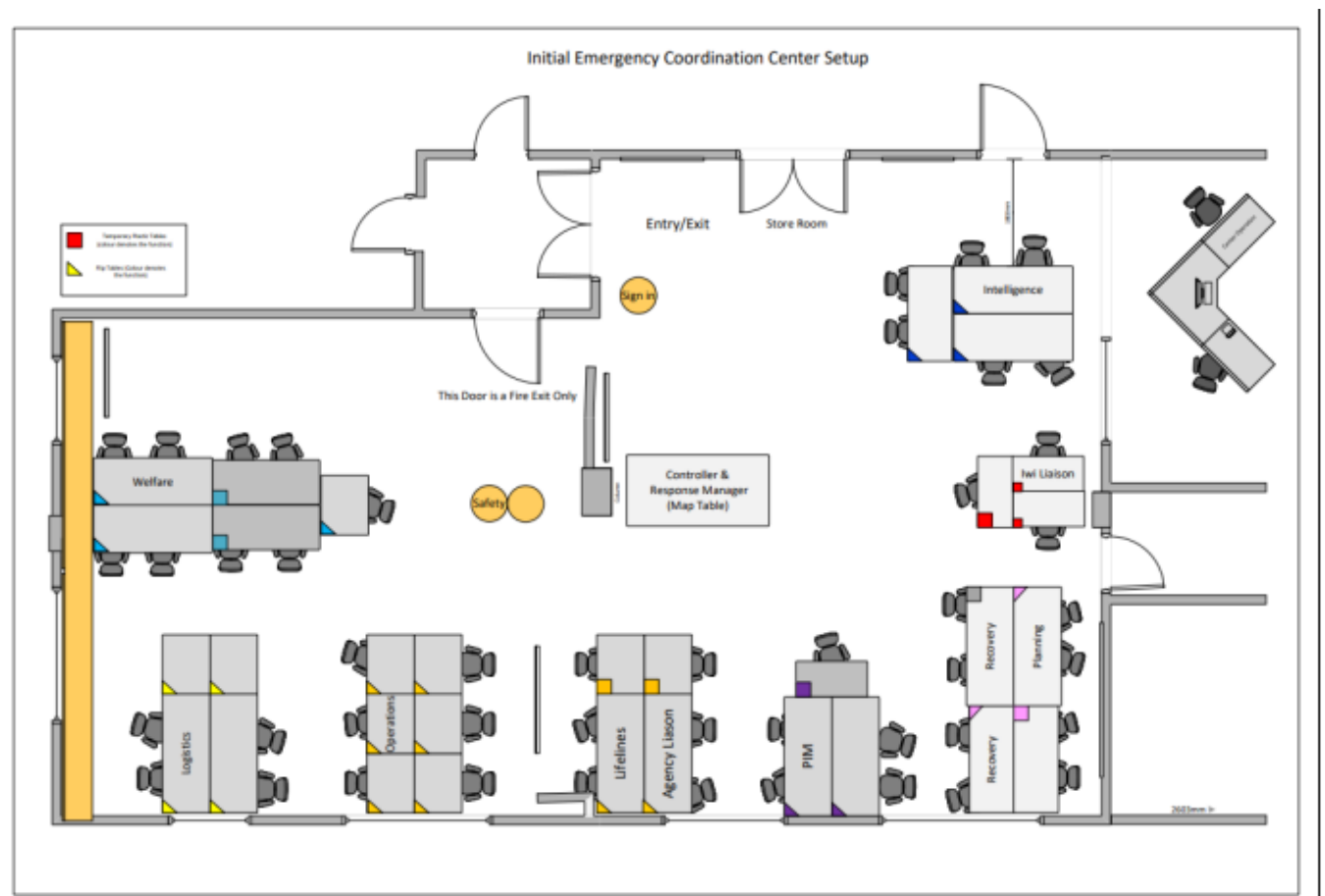
Emergency Operations Centre setup

In case an oil spill response requires the Emergency Operations Centre (EOC) to be set up, the Emergency Management Bay of Plenty (EMBOP) Duty Officer will be contacted.

The officer will coordinate setup of an EOC using the Group Emergency Coordination Centre SOP subject to scale and resources required, the EOC will be set up at the primary CDEM GECC location, 3rd floor, 1 Elizabeth Street.

In the event of a larger spill requiring a secondary facility, ROSC will utilise EMBOP existing relationships for resources.

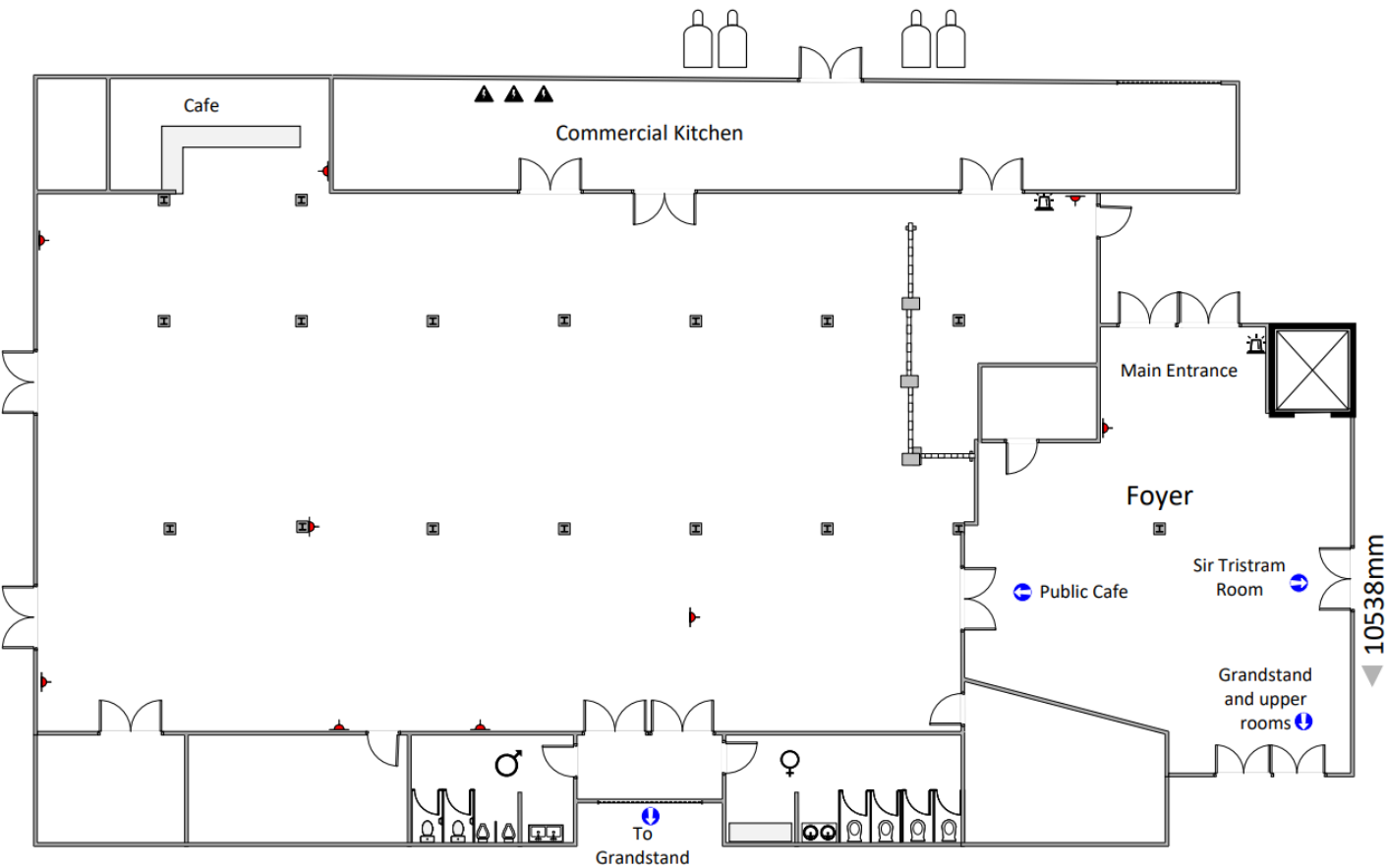
Standard site setup for GECC will require joining Pou Tokomanawa Tahi and Rua.



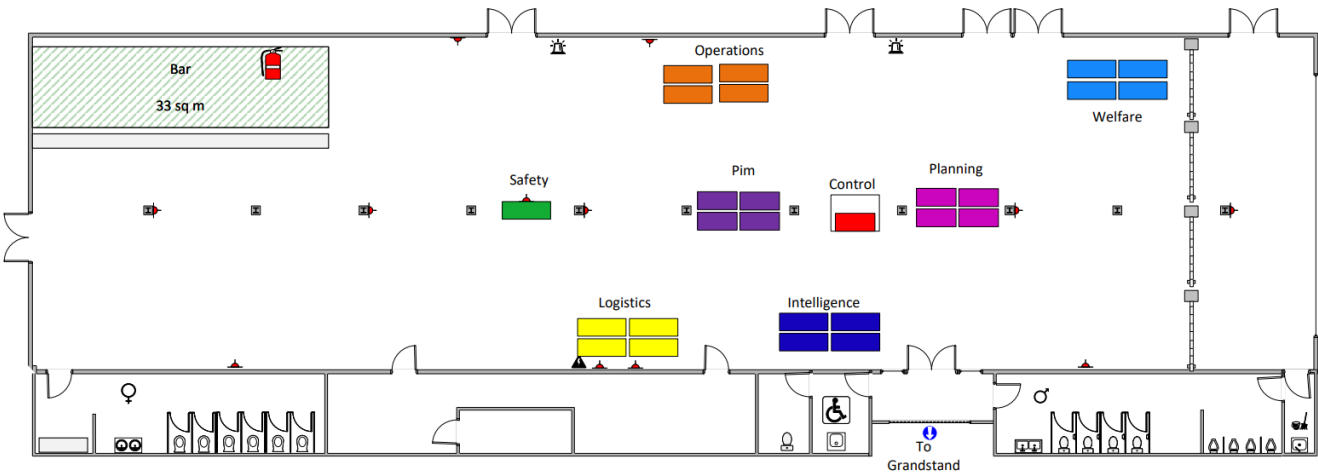
Information links to GECC induction and access:

<https://objective.envbop.net/documents/fA722266/details>

Secondary Facility Site layout (Tauranga Racecourse)

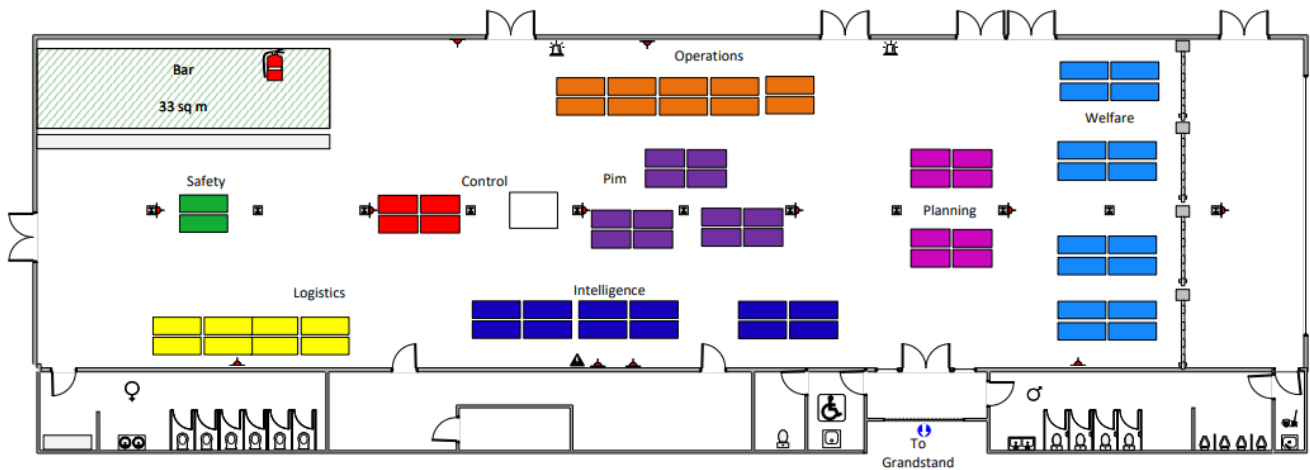


Description

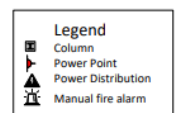


This is a suggested initial set up for an ECC, the intention would be to start with a configuration similar to this and expand as necessary.

Legend	
	Column
	Power Point
	Power Distribution
	Manual fire alarm



This is a suggested set up for a larger ECC, the intention would be to start with a configuration similar to this and expand as necessary.



Emergency Operations Centre equipment (EMBOP Group Coordination Centre)

The EOC Logistics Manager in conjunction with EMBOP will establish the EOC on request of the ROSC. The ROSC should give the EOC Logistics Manager their structure, approximate personnel numbers and any out of the ordinary office equipment required.

The following items should be made available at the EOC:

National Marine Oil Spill Contingency Plan	Relevant hydrographical charts
Bay of Plenty Marine Oil Spill Contingency Plan	Relevant topographic maps
Regional Coastal Plan	Incident Command Team phone list
Current NZ Nautical Almanac	Petty Cash
Oil Spill Dispersants – Guidelines for use in New Zealand	<u>2017-11-24 Sign-in/site induction/timesheets</u> Objective Link: A2749992
<u>2017-09-05 Site Supervisors Induction Checklist</u> Objective Link: A2692405	

Bay of Plenty Regional Council owned additional equipment, staff and resources

This equipment is additional to that owned by MNZ.

A document entitled: “Guidance for the Appointment and Development of Oil Spill Responders” details the requirements and responsibilities of regional responders and general Council staff, in responding to marine oil spills that are under ROSC control.

Objective link: A2277509

[Guidance for the Appointment and Development of Oil Spill Responders](#)

Bay of Plenty Regional Council's boat fleet

The Harbourmaster's Office maintains a fleet of vessels providing a varied on-water response capability throughout the region, including an Oil Recovery Vessel (ORV) Awanui.

For access to any of the following equipment, phone the call centre and ask to talk to the Duty Officer on: 0800 5 KNOTS (0800 55 6687). Vessel deployment always remains at the discretion of the Regional Harbourmaster.

Vessels include:

Vessel name(s)	Vessel type and length	Usual location
Matatea	Alloy Stabcraft Punt 4.1 m	Whakatāne
Bay Patroller	Alloy Stabcraft 4.7 m	Whakatane
Kura/Moko	RHIBs 5.5 m x 2	Tauranga and Rotorua
Pontoon Jet	Alloy Pontoon Jetboat 4.15 m	Whakatāne
Kaha (Sealegs)	Amphibious RHIB 5.95 m	Tauranga
Ra	Alloy Ramco 7.75 m	Rotorua
Pumanawa	Alloy Extreme 7.00 m	Tauranga
Port Whakatāne III	Alloy Extreme 8.48 m	Whakatāne
Taniwha	Alloy Catamaran 8.5 m	Tauranga
Awanui	Alloy Barge 11.25 m	Tauranga Bridge Marina
Te Kauika – MNZ 143603	Alloy Multi-Purpose Barge 11.1 m	Whakatane
Rua	Alloy Cat 6.7 m	Rotorua
Moana	Alloy Cat 4.5 m	Tauranga
Papango	Jet Alloy Pontoon	Whakatane
Eke Ngaru	Alloy Pontoon 5.8 m	Rotorua

Awanui – MNZ 136282			
	Length	11.25m	• 7 tonne deck load capacity (survey speed lowers as load increases) Able to carry 1x Ute or trailer. • Pal finger crane 2000kg over deck or 1000kg alongside • Road transportable. wide load regulations using a transport company. • Head onboard • Full electronics suite • Excellent dive platform • Passenger
	Min. crew	2	
	Max. Persons	23	
	Max Pass.	21	
	Draught:	0.5m	
	Home Port:	Tauranga Bridge Marina	
	Max Speed:	31 kts	
	Survey limits:	Enclosed Waters. Inshore Northland, Barrier Auckland BOP	
	Op limits:	25kts-2m	

Oil Spill equipment	Absorbent Boom: Absorb Pads:	• 30 x 3 m medium absorbent boom stored in deck locker • 100 box
	PPE	• Overalls boot covers and gloves for 4 people
Pump	Hydraulic	• Elestatech 150 • Discharge and suction.

Lamor Bow Brush Skimmer: Awanui 	Capacity	• 30 T/hour, 5% oil water ratio • Requires IBC for discharge	
	Oil Type	• All range of oils including light vegetation • Suitable for HFO type oil	
Standard Operating Procedure for Skimmer Loading/Oil Recovery Operation of the skimmer will require sufficient waste oil and debris containment capability, PPE for oil spill response and equipment to facilitate contamination and decontamination procedures. This equipment must be retrieved from the spill shed. There are two empty wheelie bins stored at the spill shed which can be used to store and transport these items. These bins can then be used for waste handling/containment aboard the vessel. Suggested items include (list is not exhaustive): • Protective disposable coveralls • Protective gloves – Nitrile and PVC • Eye protection • Contaminated waste disposal bags and cable ties • Polythene roll and tape/PVC tarps • Boot covers • Boot wash bin and brush (in the Red Trailer) • De-Solv-It cleaning products (20 L and mist sprayers) • Additional spill pads/zeolite/peat absorbents • Bucket • Garden tool to clear debris from the skimmer • Up to 6 IBCs (these can be loaded at H Pier at the Bridge Marina) • Sufficient refreshments, food and drink for the operating period	Operational limits Objective Link: (A2682071) <u>Awanui's Operating Manual Sections 3.11–3.10</u>	• 3-4 knts vessel movement 0.5 m swell • Stored in Port shed induction and forklift • Wharf apron required for loading or ramp • Inshore waters • One flat-bed trailer required transport	

Te Kauika-MNZ 143603

	Length	11 m	- Haul out trailer only - Full electrics suite / night capable - Water/Head - Deck Winch 12000 lb - Palfinger Crane 1500 - Elestatech pump 150 - Deck suitable for skimmer and 1 IBC
	Min Crew	2	
	Max Person	10-2200 kg max	
	Draught	.8 m	
	Home Port	Whakatane	
	Max Speed	35 knts	40 min steaming time to Opotiki Harbour 140 min to Waihou Bay
	Survey Limits	Enclosed Waters Inshore BOP	
	Oil-Spill Equipment	Absorbent Boom 20 x 3 m 100 pads	

Taniwha – MNZ 133620

	Length	9m	- Road transportable under wide load regulations using a transport company. - Head - Good, protected cabin. - Full electronics suite - Suitable for diving - Passenger
	Min. crew	2	
	Max. Persons	10	
	Max Pass.	8	
	Draught:	0.9m	
	Home Port:	Tauranga – Bridge Marina	
	Max Speed	32	
	Survey limits:	Enclosed Waters Inshore – Northland, Barrier, Auckland, BOP	
	Op limits:	25kts-2m	

Oil spill equipment	Absorbent Boom	3 x 3 m
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Kaha – MNZ 138834			
	Length	5.95m	• Amphibious vessel. • Own trailer. • Full electronics suite • Good for diving • Has Bimini but limited protection from elements • Passenger
	Min. crew	2	
	Max. Persons	10	
	Max Pass.	8 EW 5 RI	
	Draught:	0.85m	
	Home Port:	Tauranga	
	Max Speed:	35kts	
	Survey limits:	Enclosed Waters. Restricted Inshore	RI – 12nm and 5nm from main shoreline and 10nm from safe haven
	Op limits:	25kts-2m	

Moko – MNZ 135940			
	Length	5.5m	• On trailer • Chart plotter and sonar • Limited protection from elements • Passenger
	Min. crew	2	
	Max. Persons	10	
	Max Pass.	7 EW 4 RI	
	Draught:	0.6m	
	Home Port:	Tauranga	
	Survey limits:	Enclosed Waters. Restricted Inshore	
	Max Speed:	30 kts	RI – 12nm and 5nm from main shoreline and 10nm from safe haven
	Op Limits:	20kts-1m	

RUA – MNZ 143453			
	Length	6.7m	• Full electronics suite • Suitable for diving • Good protection from elements • Trailer • Passenger
	Min. crew	2	
	Max. Persons Max Pass	TBC	
	Draught:	0.6m	
	Home Port:	Rotorua	
	Max Speed:	35kts	
	Survey limits:	Enclosed Waters. Restricted Inshore	TBC
	Op Limits:	TBC	

Kura – MNZ 135747			
	Length	5.5m	On trailer
	Min. crew	2	Chart plotter and sonar
	Max. Persons Max Pass	10 8 EW 5 RI	Limited protection from elements
	Draught:	0.6m	Passenger
	Home Port:	Rotorua	Restricted inshore – 12nm and 5nm from main shoreline and 10nm from safe haven
	Max Speed:	30kts	
	Survey limits:	Enclosed Waters. Restricted Inshore	
	Op limits:	20kts-1m	

Port Whakatāne 3 – MNZ 134318



	Length	8.50m	Full electronics suite
	Min. crew	2	
	Max. Persons	8	
	Max Pass	6 EW 6 Inshore	Electric powered side capstan
	Draught:	0.4m	On trailer
	Home Port:	Whakatane	Good cabin for protection
	Max Speed:	30kts	Passenger
	Survey limits:	Enclosed Waters. Inshore	Inshore – 12nm and within 30nm from a safe haven
	Op limits:	20kts-2m	

Bay Patroller – MNZ 135096



	Length	4.67m	Chart plotter / sonar
	Min. crew	2	Limited protection from elements
	Max. Persons	4	On trailer
	Max Pass	2	
	Draught:	0.6m	Passenger
	Home Port:	Whakatane	
	Max Speed:	25kts	
	Survey limits:	Enclosed Waters Restricted Inshore	Restricted Inshore 5nm and 30nm from safe haven
	Op limits	15kts-1m	

Matatea – MNZ 134694

Length	4.1m
Min. crew	2
Max. Persons	4
Max Pass	2
Draught:	0.4m
Home Port:	Whakatane
Max Speed:	20kts
Survey limits:	Enclosed waters
Op limits:	15kts-1m

- Low profile vessel
- No protection from elements
- No electronics
- On trailer
- Passenger

Moana - MNZ 143451

Length	4.5m
Min. crew	2
Max. Persons	4
Draught	0.6
Home Port	Tauranga
Max Sp:	30 kts
Survey limits:	Enclosed waters
Op limits:	15Kts-1m

- Simrad chartplotter
- On trailer
- Passenger

EW. All NI inland waterways, Lakes and Enclosed limits.

Eke Ngaru – MNZ 142869			
	Length	5.8m	• Road transportable on own trailer. • Full electronics suite • Good for diving • Bimini • Passenger
	Min. crew	2	
	Max. Persons	7	
	Max Pass	5 EW & RI	
	Draught:	0.4m	
	Home Port:	Whakatane	Restricted Inshore 12nm and 30nm from safe haven
	Max Speed:	32kts	
	Survey limits:	Enclosed Waters Restricted Inshore.	
	Op limits:	20Kts-2m	

Pumanawa – MNZ 135041			
	Length	7m	• Road transportable. • Full electronics suite • Excellent dive platform • Passenger • Managed by Biosecurity team.
	Min. crew	2	
	Max. Persons	8	
	Max Pass.	6	
	Draught:	0.6m	
	Home Port:	PoTL	
	Max Speed:	30 kts	
	Survey limits:	Enclosed Waters. Inshore	
	Op limits:	25kts-2m	

For a link to a folder containing information on vessel fleet operating limits, charge-out rates and all vessel manuals:

Objective Link: (fA178077): BOPRC Boat Fleet Folder

For a list of approved skippers and vessels:

Objective Link: (A2860162): Skippers Training Record

Immediate response capability

Maritime and Compliance teams' immediate deployment capability is approximately up to 36 responders for 12 hours + up to 13 4WD vehicles + 4 response trailers + 2 flat deck trailer and 1 specialised response vessel. Response gear is stored around the region to First Strike response time. A 24-hour response call centre number 0800 884 883 will activate a Pollution Response Duty Team.

There is an extensive store of extra spill equipment in Whakatane and Tauranga Mount Port Shed. An inventory can be found on this link [BOPRC Oil Spill Response stock BR](#)

Tauranga Port Spill Shed Response Trailer

Marine Oil Spill Trailer



- Tandem axle
- Set with sufficient shore response equipment for 12 responders for 24 hours
- Contains equipment for beach cleanup
- Holds 40 medium absorbent booms
- Requires water for responders
- Designed as mobile EOC
- Stored in Port Shed Mount Maunganui

(Note: EOC, ROSC and/or site supervisor to ensure sufficient food and fresh water is supplied to deployed responders)

Spill Response Trailers x 3



- Situated in Tauranga, Rotorua and Whakatane
- Compliance pollution team trailer
- 20 m river boom 10 m absorbent boom
- PPE for 2 tools for beach cleanup
- Possible first strike or secondary scene trailer
- Whakatane trailer equipped with basic cooker
- Easy to access to sites

Other resources

	Contents	Location/Contact
Koshin Fuel Pump 	Suitable for diesel and lighter oils (but not the highly flammable variety) • 8 m lift • 130 L/minute. • Includes 16 m suction • ½ inch 3 m dipping hose	• Spill Response Ute / Maritime • Wallingford / Maritime • Port Shed / Compliance
Spate Pump and Wier Skimmer 	One Desmi Spate Pump suitable for oil recovery Global Wier Skimmer Boxed for transport	• Port Shed • ROSC / Compliance
BOPRC Trailers 	There are a wide variety of trailers within the organisation, from single axle to tandem axle	• Check Quip Check and vehicle bookings
Two person ATV 	Polaris Ranger and Honda Pioneer • Approved operator only • Requires transport to site • Suitable for beach travel	• Land Management • Quip Check
Fork Lift	• Approved operator • LPG / electric	• BOPRC Port Shed • Edgecumbe depot
Excavators- Bob Cat	• 3 bobcats • 3 excavators	• Rivers and Drainage Team

Field deployable 9 m x 6 m Covertex Major Incident Air Shelter (as below)		Civil Defence Emergency Management
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Objective ID: A27783

Dispersant use

The use of dispersant at the Tier 2 response level requires permission from MNZ, who have consolidated some response options, such as dispersant and oiled wildlife response, into a national capability that can still be accessed by regions for Tier 2 response. Dispersant is stockpiled outside of the Bay of Plenty region for use by MNZ approved aerial contractors. Due to the shallow depth in harbour areas, the use of dispersant in these locations is unlikely. Where application was proposed in our region, the Council would also undertake its own Net Environmental Benefit Analysis.

ROSC contacts

Currently, the BOPRC has one main ROSC and three alternative ROSC to cover duty. Internal notifications to Duty ROSC will occur through the 0800 884 883 Pollution Hotline.

The Regional On-Site Commander E-mail: ROSC@boprc.govt.nz was set up to be accessible by all appointed ROSCs. The email will be monitored by the On-duty ROSC.

Maritime New Zealand equipment located in the Bay of Plenty

Mobilising Maritime New Zealand equipment

Requests to mobilise MNZ equipment should be made through the Oil Spill Duty Officer by phone (OSDO: 04 473 6369) and by completing the appropriate form (**available in Web EoC**). It is also possible to review MNZ equipment lists in WEB EOC.

The majority of MNZ equipment is pre-packaged in numbered boxes with collapsible sides, a pallet type base, and of a size appropriate to the equipment contained.

The dimensions and weight of the loaded boxes vary according to the equipment type. All fit road trailers and into commercial cargo aircraft. Crates are to be stacked only two high for transport.

Standard Operating Procedures are attached to the crate or stored inside the containers for field reference. Further SOI are available on WEB EOC.

Objective link to [MPRS](#) equipment lists: A2501436
[2016-11-17 Regional Equipment Lists - Loan Agreement](#)

Maritime New Zealand owned equipment is stored in:

Whakatāne stockpile		Tauranga Spill Shed stockpile	
Containment systems		Containment systems	
		Fence Boom 750 m (100 m lots)	600
		Land/Sea Boom (80 m lots)	560
		Solid Float Boom (99 m lots)	198
		Harbour Boom (99 m)	500 m
		Land/Sea Boom (80 m)	320 m
		Rapid Deployment Boom (99 m)	198 m
Recovery systems		Recovery systems	
		Delta Head Skimmer	1
		Komara Skimmer (oleophilic multi)	1
		Skimmer, mini max (weir)	1
		Skimmer, Global spill (weir)	
		TDS118 Drum Skimmer	1
		Komara Skimmer (12K)	1
		Delta Head Skimmer System 12	1
Temporary storage		Temporary storage	
		Frame tanks 2 x 7500 L	1
		Two decommissioned frame tanks of 15 K and 25 K respectively remain in storage	
Dispersants		BOPRC no longer stores this for MNZ	
Dispersant application		Requires MNZ pre-approval	
		Backpack sprayer – buy new one if required for spot application	
		Frame Tank 7.5T 2 x 7500 L	2 x 7,500 L
		Frame Tanks decommissioned	1 x 15,000 L 1 x 25,000 L
Sorbent		Sorbent	
Pads	500	Pads	1600
Booms	12	Booms	48
		Oil Snare – Note: MNZ will no longer require replacement when used	60
		Pillows – Note: MNZ will no longer require replacement when used	60
Pads	500	Pads	1600
Booms	12	Booms	48

Ancillary equipment		Ancillary equipment	
		Spate pump, GS (30 t/hour)	1
		Hand-held Stihl leaf blowers	2
		Blue bin contains 2 x towing ends, 4 x Camlock adapters, 2 x strums, 2 x Monsoon adapters, 4 x 2" 10 m Layflat d/c hose, 2 funnels	
		Honda 4-Stroke petrol trash pumps	2
		2 x 2" 10 m Rigid Suction Hose	1
		2 x 2" 5 m Rigid Suction, 2 fuel containers	1
		Quicksilver hand pump	1
		Hand Wringer (Extractor-pro)	1
		Plastic container (20 L for dispersant)	40
		Wildlife Response Kits	1
		Land Sea Support	1
		TDS Support Pack	1
		12 K Support Pack	1
		Regional Wildlife System	1
Additional Non-MNZ equipment		Additional Non-MNZ equipment	
		Electric Compressor	1
		Multi-channel (VHF/UHF) hand-held radios – see Emergency Management	
		Forklifts (1 electric and 1 gas powered)	2
		Underwater drone with pick up arms – requires trained operator	1
		Aerial Drone – requires trained operator	1
		Forklift attached lifting gib and towball	1
		Lifting gib extension for crane	1
		Motorised generator with 240 v take-off	1
		Stihl Chainsaw/safety equipment	1
		Motorised water blaster	1
		Tool box/power tools - assorted	1
		Lamor Skimmer/Elastec Pump (see Awanui Vessel (see description))	1
		Koshin petrol-powered Pump (200 L to 20 m H approx.)	6
		International Bulk Containers (IBCs)	7

Major Incident Air Shelter See the user's manual: Objective ID: A27783		9 m x 6 m Covertex – could be used as a mobile EOC or possibly as part of a THC or TRC for wildlife. Note, if the shelter was significantly soiled, it may need to be replaced	
		Land management maintain an ATV suitable for beach operations. Note: Use requires a trained and approved ATV operator	1
Tūhua (Mayor Island) Spill Kit		5 m x 3 m booms, 20 spill pads, bags, cable ties, gloves contained in a wheelie bin	1

Additional detail regarding storage and transport information is contained at the end of this annex.

Whakatane Spill Shed Inventory Arawa Road Depot

The following equipment is managed by the BOPRC CRT Pollution Team from Whakatane office. The shed also holds a spill response trailer with First Strike Capability in the form of PPE and boom options.

Awa Road Depot	Stop bank key and site induction needed for swipe card	Access can be gained though combination lock at gate.
Spill stock in shed	Store of absorbent booms and PPE suitable for a small-scale response	Access via stop bank key
Beach clean-up yellow box	Gear for 5 people to undertake basic beach cleanup inside transportable box.	Access via stop bank key

BOPRC Oil Spill Response stock BR

Access to Bay of Plenty Regional Council spill response equipment

Access for the equipment store can be arranged by the following people or in the locations indicated:

- Bay of Plenty Regional Council Call Centre 0800 884 880
- Duty Harbourmaster (24 hrs) (0800) 55 66 87 (0800 5 KNOTS)
- ROSCs and/or Alternate OSCs See cover page for contacts
- BOPRC Pollution Hotline (24 hrs) 0800 884 883

Maritime New Zealand and BOPRC responsibilities regarding this equipment are set out in the loan agreement between MNZ and the Council, a copy of which is held by the ROSC.

Supporting equipment

Transportation

Owens Transport/Chemfreight Couriers Nation Wide Daily	Various truck units	Tauranga	Lance Chadwick (07) 574 0950 027 495 9820
McLeods Hiabs	Various truck units and cranes	Tauranga 2 Truman Lane	(07) 575 9715 (0700-1700, 050 862 5363 (24 hrs) 1-1.5 response time
Pollock and Sons Crane Hire	Hiab truck units Cranes	Tauranga Marsh Street	0508 POLLOCK or 0508 765 562
NZL Transport	Various truck units	Tauranga	(07) 928 7100

Oily waste disposal

Guidance notes in the Library Section of Web EoC provides instructions on the disposal of oily waste material, and includes the location of landfills suitable for disposing of **oily waste material**.

Maritime New Zealand have established a contract with EnviroNZ Limited, to provide all waste services required during an oil spill response, including equipment cleaning. Although this contract presently sits at a Tier 3 level, there is provision to extend this to a Tier 2 Response.

Link to EnviroNZ agreement:

ESL-MNZ Final Service Contract - valid until 2022

Waste oil disposal companies

EnviroNZ	Bins, skips, disposal, project management, H&S, volunteer coordination, mobile wash bays and decom, supply of booms, pads, PPE	Tauranga	0800 240 120 (24 hrs) (07) 541 0600 (0800-1700)
Waste Management Oil Recovery	Various tanker and sucker trucks For bulk transfers (clean oils) Have VOC monitors for hire	Mount Maunganui	Head Office (07) 575 8445 (07) 575 8482 (Fax)
Pete's Takeaways (2016)	Various tanker and vacuum trucks	Tauranga	(07) 541 3402 (24 hr)
Intergroup Limited	Sweepers/vacuum trucks/contaminated oils/confined space entry/heights/flammable atmospheres Objective link: A2552915 <u>2017-02-22 Intergroup Price and Services Guide</u>	BOP wide	0800 468 379 (24 hrs)

Motiti Island accommodation options

Motiti Lodge	Sleeps 16 people in basic accommodation BBQ Possible catering options Close to the boat ramp Secure storage	Motiti
Te Hanga o Te Ra Marae	Sleeps 50+ Wastewater system upgraded during the Rena response	Motiti – North/central Island

Other vessels

Company	Vessel	Contact
Tauranga Barge Company	<i>Skookum</i> barge 30 m roll on roll off Operates to Matakana Capacity Two heavy truck and trailer units plus 7 cars, or 21 cars, or one truck and trailer plus 12 cars Maximum load 120 t (deck area 30 m x 10 m)	027 476 3599  Service locations: Ramps - Matakana – Pane Pane Ramp (Forest Access Permit may apply) - Mount Maunganui – Port of Tauranga – Butters Landing (Forestry only – Port access card required) Tauranga – Sulphur Point, Cross Road (adjacent to Sanford Fish Shop)
Sunchaser Tauranga	<i>Deliverance</i> barge 25 m roll on roll off Barge operates to Matakana	(07) 547 6002 
Bay Marine Works Tauranga Current response company for fuel industry	<i>Lady Kay</i> 8.8 m steel work boat <i>Webster</i> 10 m barge with Palfinger and Spud Flat-bed Hiab truck	027 295 0070 

Glencoe Marine	Edward G Tug Boat 25 t Petra G Tug Boat Based in Tauranga Harbour - able to assist in vessel salvage operations	021 174 0687 
Whakatōhea Mussels Opotiki	Multiple work vessels with heavy lift and open decks based in Whakatane River may be moving to Opotiki in the future	(07) 315 5230 
Mount Bunkering Services Stationed at Berth 5 POT	Koromiko Bunker Barge IMO 9557161 Oil Product tanker LOA 65 m 150 MT capacity large oil transfer or recovery vessel. Can handle a range of fuel products Extensive absorbent boom stored onboard and deployable from vessel	027 256 290 
Dutch Dredging	Albatros Trailing Suction Hopper Dredger Objective Link: A3816907 Albatros Dredge at Port of Tauranga Hopper capacity: 1,860 m ³ Length: 75 m Breadth: 13.40 m Depth: 4.10 m Dredging draft: 3.48-3.80 m Summer draft: 3.21 m Suction pipe: Ø600 mm Maximum dredging draft: 30 m Speed at dredging draft: 10 kn Propulsion: 2 x 700 kW Bowthruster: 260 kW Dredgepump: 700 kW Software: PDS 2000 Notation: DEEPSEA – hull + Mach/Hopper dredger/unrestricted navigation/+AUT-UMS/GREEN PASSPORT	 Compact 10 Sweeping Arm

	KOSEQ Compact 10 Sweeping Arm Objective Link: A3816911 Albatros Skimmer System Koseq Compact	The Netherlands	 Phone: +31 180 487 893 Email: design@koseq.com Web: http://www.koseq.com
Pacific 7	Pacific 7 provide a wide and expanding range of maritime services. For full capability and contact details: https://pacific7.co.nz/	Tauranga	Sean Kelly email: sean@pacific7.co.nz Phone: (07) 544 7170
Department of Conservation	8.5 m aluminium boat (twin 150 hp outboard) 0800 DOCHOT – National Level – Based at the Sulphur Point Marina	Tauranga/ Central North Island	(07) 578 7677 – Local office hours number) 0800 DOCHOT – After hours or Central NI a/h duty phone: 027 442 4962 Tauranga Duty Officer (Ranger) 027 495 1597
	Maataariki Senator 800 Alloy Workboat (4.2 lt, 320 hp Mercruiser inboard motor). Passengers 7, skipper 1 = total of 8 persons Can be either passengers or crew	Whakatāne	Office hrs: (07) 307 2770 Local duty ranger: 0274 903 404 0800 DOCHOT – After hours, or Central NI after hours duty phone: 027 442 4962
Coastguard	13 m Catamaran – TECT Rescue 5.8 m IRB Sport jet Sealegs 5.5 m	Tauranga	(07) 579 4631 Eastern Regional Office For a full list of Local Office Contacts: https://www.coastguard.nz/areas Tauranga Local Office (07) 578 5579 Tauranga Duty Officer 027 436 7323
Motohora Cat	41 ft Catamaran survey for passengers and quarantine work on off-shore island Motohora	Whakatane 0800 733 529	

Aviation services

Helicopters

Organisation	Type of equipment	Location	Contact
Oceania Helicopters	Squirrel AS 350	Tauranga	(07) 575 0689
Heli Resources	Bell UH1H 1700 kg x 2 AS350 Bell 206	Murupara	021 784 529
Kāhu NZ	Sikorsky UH60 Eurocopter	Whakatane	0800 804 354
Waimana Helicopters Limited	AS350BA	Waimana	(07) 312 3243
Opotiki Helicopters NZ Ltd	MD.520N.NOTAR	Opotiki	027 655 0050

Fixed Wing Aircraft Spotters

Organisation	Type of equipment	Location	Contact
Sunair Aviation (Daniel Power)	Piper Aztec, 5 seats Cessna, 3 seats	Tauranga	(07) 575 7799 or 0800 786 247
White Island Flights <i>Based in Whakatane</i>			0800 996 834

Safety equipment

NZ Safety Blackwoods Tauranga	Protective Clothing	0800 660 660
EnviroNZ	Spill equipment and PPE	

Please note that Blackwoods Safety Limited is a preferred Council supplier of response safety equipment during normal working hours.

Sampling laboratories

Hill Laboratories 25 Te Aroha Street PO Box 4048 Hamilton East (Independent of the oil industry)	(07) 858 2000
Independent Petroleum Industry (IPL) Oil Finger Printing: Optimal Emission Spectrometry – detects metals Gas Chromatography/Mass Spectrometry – determines oil make-up - diesel, lube oil, HFO. 24 hour turnaround Postal: IPL 151 SH 15A, Marsden Point, Ruakaka 0151	(09) 432 8567
Initial Oil Analysis Flinders Cook (Technical Services) Limited (Independent of the oil industry) 37 Spring Street Freemans Bay Auckland	(09) 360 2077 flinders@iconz.co.nz

Cargo and marine services

Marine services	Services	Contact
Intertek Surveyors	Fuel density testing bunker surveys	(07) 575-6988 021 413 7854
SGS	Marpol Annex v1 part 199 Wharf Attendants fuel industry contractor for Berth 16	027 205 4175 (07) 547 4564
NZ Marine Valuations Ltd	Vessel valuations and damage estimations	021 911 271
Marine Survey Tauranga Limited		Dene O'Loughlin - 027 474 5854
New Zealand Marine Valuations Ltd		Ian Walker: Mobile: +64 27 4921 676
Pacific Diving		Mobile: 0274 788 586 Email: info@pacificdiving.co.nz W www.pacificdiving.co.nz
Bay Underwater Services New Zealand Limited		Mobile: 0274 488 951 Email: bay.underwater@xtra.co.nz Office: (07) 542 0951 Website: www.bayunderwater.co.nz
Greenfield Diving Services		Phone: 0272 499 923 Email: brendon@greenfelddiving.co.nz Website: https://greenfelddiving.co.nz/

Note: Once divers work over four hours, they charge a full day.

Other supporting equipment

The following companies have access to containment and recovery systems, as well as terminal staff who can assist in spill situations.

ECL Group	A range of air operated compressors, pumps and trailers	Air operated Aro Pump	(07) 315 5230
Hirepool	A range of air operated compressors, pumps and trailers	Mount Maunganui Rotorua Whakatāne	0800 151 515 Mtmaunganui.branch@hirepool.co.nz Rotorua.branch@hirepool.co.nz (07) 308 8822 Whakatane.branch@hirepool.co.nz
Kennards Hire	Full range of construction/earthworks equipment	Tauranga	0800 470 370
New Zealand Fire and Emergency (Tauranga)	HAZMAT Command Unit 7 x self-propelled pumping appliances, hose layer 1080 m or 125 mm layflat hose 4 x 2.5 m rigid hose per truck 1 x water tank	Tauranga Station House	Dial 111 for emergencies (07) 578 7098 Region fire stations are potential assets in a larger regional spill to be coordinated by Region 2 Commander
Waiotahi Contractors	Engineering contractors spike@waiotahi.co.nz	Opotiki	Spike Peterson - Opotiki (07) 315 6580 spike@waiotahi.co.nz
Waiotahi Contractors		Whakatane	Hardus Coetzee (07) 308 8098 – Office Hardus@waitahi.co.nz
Opotiki District Council	Water tanker (portable 4,500 L)	Waihau Bay	(07) 315 3030
Page Macrae	Engineering contractors	Mount Maunganui	(07) 575 5079
Pro Marine Electrical	Marine Electrical Contractors	Sulphur Point	(07) 578 6728
Rowe Motors	Towing services	Tauranga	(07) 578 8405
Rotorua Towing	Towing services	Rotorua	0800 777 875
A1 A Towing Service	Towing services	BOP	(07) 343 9120
Eastern Bay Towing	Towing services	BOP	0275 125 383 easternbaytowing@xtra.co.nz

Fuel Industry contacts

Mobil NZ	Tauranga	(07) 834-9523 Terminal Manager
Terminals New Zealand (Gull)	Tauranga	(09) 489-1452 Terminal Manager
New Zealand Oil Services Ltd (NZOSL)	Tauranga	(07) 547 2073 Terminal Manager
Z North and South Terminal	Tauranga	(07) 574 4372 Terminal Manager
Waste Management	Tauranga	(07) 575 8445 Terminal Manager
Stolthaven	Tauranga	021 554 472 Terminal Manager
McFalls	Tauranga (mobile)	0800 623 255 Operations Manager
Fulton Hogan	Tauranga	(07) 575-6157 Operations Manager
Quantem Bulk Storage	Tauranga	(07) 575 2019 Operations Manager

Drone technology

Bay of Plenty Regional Council Compliance and Harbourmasters' teams also have access to aerial drones that have survey and photographic functions.

National Solutions	Close vicinity aerial photography, video, mapping and analysis. Note there is a 4 km exclusion zone around Tauranga Airport.	(07) 576 0770
Satellite imaging	Geoview (boprc.govt.nz)	
List of certificated organisations aviation.govt.nz		

Oiled wildlife response equipment

Department of Conservation staff are well placed to play a key role in consultation and liaison with local iwi in relation to wildlife response.

Regional Blue Box Wildlife Kits

The Regional Wildlife Kit is stored in the Oil Spill Equipment Shed, Port of Tauranga. Access to this kit is through the ROSC and NOWRT. The Wildlife Kit requires induction to Port and BOPRC shed and forklift to deploy.



Note: The regional kit and the mobile units are start-up units for small numbers of birds for the initial stage of a response. They are not suitable for Temporary Holding Centres (THCs) and Temporary Recovery Centres (TRCs). Mobilisation of Wildbase and/or additional wildlife response equipment should be requested through the Oil Spill Duty Officer: Ph 04 473 6369.

Blue Box – Capture and Hazing - 1 x Dolav and 3 large fish bins				
Contents are intended to cater for 20 birds and associated field personnel				
Additional items (take on the day): sunscreen, water bottle, hat, appropriate clothing including footwear, Comms equipment				
Activity	Item	Use	Number	Supplier
Deterrence and hazing	Rope (approx. 150 m)	Attach bird scare tape	10 pkts	Mitre 10
	Bird scare tape	Hazing	15 pkts	Mitre 10
	Flag on a rope	Hazing	2	NZ Safety
	Air horn	Hazing (Manual)	1	Burnsco
Capture live birds and collection dead birds	Transport boxes	Transportation of birds	25	Wildbase*
	Pillowcases	Capture before putting in transport boxes	25	Warehouse
	Matasorb	Absorbent liner for transport boxes	25 approx. 150 m)	NZ Safety
	Towels	For “throwing” over birds to capture	10	Warehouse
	Long handled dip nets	Capture birds	10	Hunting & Fishing
	Collection tags	Labelling transport boxes and collection bags	100	Wildbase*
	Sturdy plastic bags	Dead birds	50	MPRS
	Cable ties, 200 mm	Sealing bags, hanging bird scare tape	100	Bunnings
PPE	Tyvek size M	PPE	10	NZ Safety
	Tyvek size L	PPE	10	NZ Safety
	Tyvek size XL	PPE	10	NZ Safety
	Tyvek size XXL	PPE	10	NZ Safety
	Nitrile gloves – size M	PPE	1 box	NZ Safety
	Nitrile gloves – size L	PPE	1 box	NZ Safety
	Nitrile gloves – size XL	PPE	1 box	NZ Safety
	Safety sunglasses	PPE	20 pairs	NZ Safety
	Gardening gloves	PPE	Min 6	NZ Safety
	Masks	PPE	50	NZ Safety
	Foam ear plugs	PPE	10 pairs	NZ Safety

Activity	Item	Use	Number	Supplier
Field safety	High vis safety vests	PPE	20	NZ Safety
	Whistles (plastic)	Attracting attention in the field or hazing	20	Warehouse, sport store
Hand hygiene	Mechanix Orange CRC	Hand cleaning	2L	NZ Safety/Mitre 10
	Alcohol hand gel	Hand cleaning	20	Supermarket/Pharmacy
	Paper towels	Hand cleaning	2 rolls	Supermarket
Administration	Aqua field notebooks	Field notes	10	Warehouse Stationary
	Pencils	Field notes	10	Warehouse Stationary
	Sharpener	For pencils	1	Warehouse Stationary
	Sharpie pens	Labelling	10	Warehouse Stationary
	Capture/transport log	One entry per bird, send with transport	50	Wildbase
	Admission sheet	Vet team, complete at handover	50	Wildbase
Pre-transport care	Cotton buds	Cleaning oil from eyes	200	Supermarket/Warehouse
	Squeeze bottles	Rinsing bird eyes if necessary	3	Supermarket/Warehouse
Other	Multitool knife and case	Multiuse	1	Burnsco
	Duct tape	Multiuse	2	Mitre 10
	Zip lock bags large	Multiuse	A4, 10	Mitre 10

Temporary Holding Centres (THC) and Rehabilitation Centres (TRC)

The following locations have been identified and contacts established.

For additional information on wildlife recovery sites, contact one of the BOPRC Wildlife Advisors. For information including site photos and layouts for potential centres around the region, go to:

Objective Link: A2658058

[2017-07-21 Oiled Wildlife Recovery Site Information](#)

Information contained in the above report will require verification before sites can be used. The Te Maunga Wastewater Treatment Plant provided a useful regional hub for wildlife response during the Rena Response and would most likely again be the centre for wildlife operations in event of a future incident. Note that the site is undergoing a significant upgrade which will impact space needed for an effective centre.

Confidential contacts

Objective Link: A3749135

File Name: Confidential contacts for marine oil spill response

Care Groups

Care Groups in the Western Bay of Plenty area

Objective Link: A3749136

File Name: Care Group Leader contact details

Care Group	Care Group
Coast Care Tauranga/Pāpāmoa Angus Gough Angus.Gough@Coastcare.co.nz	Coast Care Waihi Beach Sheanna Chadwick Sheanna.Chadwick@Coastcare.co.nz
Kaituna/Maketū/Pukehina Chris Pronk 0800 884 881 extn 8801 coastcare.kaituna@coastcare.co.nz	Matatā/Whakatāne/Ōpōtiki Ben Banks 0800 884 881 extn 8800 coastcare.east@coastcare.co.nz
Wainui Whakaora	Johnson Reserve
Ongare Point Waterway Restoration Group	Waitao Landcare
Tanners Point Care Group	Pest Free Omokoroa
Friends of the Blad	Pyramid Care Group
Aongatete Forest Project	Little Waihi Estuary Community Care Group
Lund Road Pest Control	Pahoia Peninsula Care Group
Friends of Puketoki	Kaikokopu Ridge Trail Care Group
Friends of l'anson Reserve	Kareti Repco Care Group
Western Bay Wildlife Trust	Matua Estuary Care Group
Morton Prestidge Estuary Care Group	Omokoroa Environmental Managers Incorporated
Tanners Point Athenree Harbour Care Group	Te Puna Estuary Managers
Waikareao Estuary Care Group	Waimapu Estuary Care Group
Welcome Bay Estuary Care Group	Aongatete Estuary Care Group
Uretara Estuary Managers	Waikaraka Estuary Managers
Paraiti Catchment Group	Ohiwa Harbour Group