



Ministry for the  
**Environment**  
*Manatū Mō Te Taiao*

# **Contaminated Sites Remediation Fund**

## **Application form for project funding**

**Funding Round:** Non Contestable


**Financial year:** 2023-2024

**Council name:** Environment Southland

**Project name:** Bluecliffs Beach Road Historic Dump Site

**Phase/s:** Phase 3 & 4

New Zealand Government



**Important:** Information presented to the Minister for the Environment or the Ministry for the Environment is subject to disclosure under the Official Information Act 1982 (OIA). Certain information may be withheld in accordance with the grounds for withholding information under the OIA. Further information on the OIA is available at [www.ombudsmen.parliament.nz](http://www.ombudsmen.parliament.nz).

Information held by the Minister and Ministry may have to be released under the OIA in response to a request from a member of the public (or any other body) for that information. If you wish to provide sensitive information to the Minister or Ministry that you do not want released, it is recommended you consult with the Ministry as to whether the information is necessary for the application, and whether there may be grounds in the OIA for withholding the information. For instance, if release of the information would disclose a trade secret, or be likely to unreasonably prejudice the commercial position of the person who supplied or who is the subject of the information, then there may be grounds to withhold the information. The Ministry will endeavour to contact you to discuss an OIA request relating to your application if one is received, and what the implications of releasing your information are.

The grounds for withholding must always be balanced against consideration of public interest that may justify release. Although the Ministry does not give any guarantees as to whether information can be withheld under the OIA, it may be helpful to discuss OIA issues with the Ministry in advance, if information provided with an application is sensitive.

## Introduction

This application form is for funding proposals to the Ministry for the Environment's Contaminated Sites Remediation Fund (CSRF).

It is important to complete all fields in this application form. If the application is successful, the information you have provided will be used in the development of the funding deed.

It is preferable to complete this application form electronically, and submit it by email. Move between fields by using the mouse, or pressing the ↑ and ↓ keys on your keyboard. You may cut and paste from other documents for questions that allow for longer responses (more than 50 words). Note that some of the funding calculations will automatically be done for you.

If you need help to complete the application form, refer to the guide in the first instance. For any further information, email [CSRApplication@mfe.govt.nz](mailto:CSRApplication@mfe.govt.nz), or phone 0800 499 700. If you need an additional copy of the application form and guide, phone or email the Ministry and we will send you a copy.

Please read the *Contaminated Sites Remediation Fund Guide for applicants for project funding* (the guide) before completing this application form.

## When your application is complete

The deadline for completed application forms to be received by the Ministry is the last working day of March or September, depending on the funding round. We encourage you to submit your completed application form well ahead of the deadline, as we are unable to accept late applications. We are also unable to assess incomplete applications, so it is important you provide all the required information.

All applications must be completed using this application form.

Email your completed application form and supporting documentation to [CSRApplication@mfe.govt.nz](mailto:CSRApplication@mfe.govt.nz) (with 'CSRF application' in the subject line) or post it to:

Contaminated Sites Remediation Fund  
Ministry for the Environment  
PO Box 10362  
Wellington 6143



See page 17 of the guide for information about this section.

### Organisation details

Regional council/unitary authority's legal name <i>one name only</i>	Southland Regional Council
Trading name (if different)	Environment Southland
Physical address <i>include post code</i>	Corner of North Road and Price Street Invercargill
Postal address <i>include post code</i>	Private Bag 90116 Invercargill 9840
Telephone	(03) 2115115
Website address	www.es.govt.nz

### Contact person details

Principal contact name	Leonie Grace
Position	Senior Pollution Prevention Officer
Email address	<a href="mailto:leonie.grace@es.govt.nz">leonie.grace@es.govt.nz</a>
Telephone	(03)2115115                      9(2)(a)                      (03)2115252 <i>work</i> <i>mobile</i> <i>Fax</i>

Back-up contact name	Bruce Halligan
Position	Strategic Regulatory Advisor

Email address	bruce.halligan@es.govt.nz		
Telephone	(03)2115115 <i>work</i>	9(2)(a) <i>mobile</i>	(03)2115252 <i>Fax</i>

## SECTION 2: Landowner/occupier details

### Contact details

Complete the following table. This section does not need to be completed if the landowner/occupier cannot be identified, or is deceased, or has ceased trading.

If there is more than one landowner/occupier, record the information in a separate Word document, and submit this with your application.

See page 18 of the guide for information about this section.

Landowner's/occupier's legal name <i>one name only</i>	There is no title, therefore no landowner. Land is within Coastal Marine Area (CMA) above mean high water spring (MHWS) and is administered by Southland District Council Refer to Coastal jurisdiction map Appendix 7		
Trading name (if different)	None		
Principal contact name	Cameron McIntosh – CEO of SDC		
Relationship to site	<input type="checkbox"/> Landowner <input type="checkbox"/> Occupier <input checked="" type="checkbox"/> Other - Manager of CMA above MHWS		
Physical address <i>include post code</i>	15 Forth Street, Invercargill 9810		
Postal address <i>if different from physical address include post code</i>	PO Box 903, Invercargill 9840		
Email address	<a href="mailto:Cameron.McIntosh@southlanddc.govt.nz">Cameron.McIntosh@southlanddc.govt.nz</a>		
Telephone	(0800)732 732 <i>work</i>	(__) <i>mobile</i>	(0__) <i>Fax</i>
Website address	<a href="http://www.southlanddc.govt.nz">www.southlanddc.govt.nz</a>		

## SECTION 3: Project details

1 What are the details of your project?

*You will need to supply further details about requested funding in Section 7 of this application form.*

*See page 19 of the guide for information on how to complete this question.*

<p>Project name <i>maximum eight words</i></p>	<p>Bluecliffs Beach Road Historic Dump Site Remedial Action Planning and Remediation</p>
<p>Project phase(s) included in this application <i>tick as many as applicable</i></p>	<p><input type="checkbox"/> Site investigation (phase two)    <input checked="" type="checkbox"/> Remediation planning (phase three)    <input checked="" type="checkbox"/> Site remediation (phase four)</p>
<p>Project purpose <i>maximum 40 words</i></p>	<p>The purpose of this project is: To develop a detailed Remedial Action Plan (RAP) with Site Management Plan (SMP) to inform remediation to mitigate the risks to human health and the environment in a practical and cost effective manner; and To physically carry out remediation of the site to prevent waste material discharging into the coastal marine environment; and To reinstate the dump site.</p>
<p>Over how many financial years are you seeking funding?</p>	<p>2</p>
<p>What is the total anticipated cost for the project phase(s) covered by this application?</p>	<p>\$1,450,000.00</p>

2 What objectives have been set for your project, and how do you intend to achieve them?

Specify the 'SMART' objectives for your project and provide detail about the types of activity that will be undertaken to meet the objectives. How will you measure their effectiveness of the activities using key performance indicators (KPIs)?

Ensure that a cost benefit analysis is submitted with your application (if one has been undertaken).

See page 20 of the guide for information on how to complete this question (maximum 100 words per row).

Press the **Tab** key on your keyboard to add more rows to the table, if required.

Objective	Activity	KPI
<p>Project Start /Procurement</p> <p>Engage appropriately qualified consultant to verify the presence of explosives and remove if required.</p> <p>Engage appropriately qualified consultant to prepare a Remedial Action Plan (RAP) and Site Management Plan (SMP) that outlines the steps to inform of remedial work.</p>	<p>Procurement for consultants processes will be undertaken through GETS.</p> <p>Consultants have the appropriate experience and knowledge to meet the technical aspects of this site.</p> <p>Appoint preferred consultant to carry out further investigations on the explosives risk.</p> <p>Prepare contract for preferred consultant to investigate and remove potential explosive risk.</p> <p>Appoint preferred (CENVP SC) consultant to carry out RAP/SMP.</p> <p>Prepare contract for consultant to undertake the RAP/SMP that outlines the steps to inform remediation work.</p>	<p>A suitably qualified and experienced explosives specialist is engaged by March 2024 to undertake Investigate explosive risk assessment.</p> <p>A suitably qualified and experienced practitioner (SQEP) contaminated land consultant is engaged by March 2024 to prepare a Remedial Action Plan (RAP/SMP).</p>
<p>Undertake explosives investigation</p>	<p>Investigate and remove potential explosive risk within the dump site.</p>	<p>Explosives investigations and removal if required is carried out by April 2024.</p>
<p>Develop Remedial Action Plan (RAP)</p>	<p>Prepare a Remedial Action Plan and Site Management Plan to detail how sustainable remediation will take place, based on remedial objectives and preferred remediation options.</p> <p>The RAP provides a clear plan to mitigate risks to human health and the environment.</p> <p>RAP includes cultural, heritage values.</p> <p>Consultation with the community is undertaken.</p> <p>SMP is developed and used in conjunction with RAP to inform remedial works.</p>	<p>A practical and cost effective RAP/ SMP is developed by May 2024 in accordance with MfE CLMG 1.</p>
<p>Undertake Remedial Action</p>	<p>Implementation of the RAP/SMP by carrying out physical remedial works.</p> <p>Remediation is undertaken to reduce the risk of exposure of contaminants and waste material to humans and the environment in accordance with 1 &amp; 5 of the Contaminated Land Management Guidelines.</p>	<p>Remediation works carried out by June 2024 in accordance with 1 &amp; 5 of the Contaminated Land Management Guidelines.</p>
<p>Develop Site Validation Report (SVR)</p>	<p>Prepare a site validation report post remedial works to confirm remediation work is completed.</p>	<p>Site validation carried out by July 2024 confirms site has been remediated in accordance with 1 &amp; 5 of</p>

		the Contaminated Land Management Guidelines.
Site reinstatement	Replace material extracted with appropriate fill and revegetate with native species. Appropriate fill material and plants are sourced.	Reinstatement of site is carried out by September 2024. Improved access of the site by the public.

**3 What are the expected benefits of the project?**

*Complete the table below. Ensure that all benefits are 'SMART' (maximum 40 words per cell).*

*See pages 21 and 22 of the guide for further information and examples.*

*Press the **Tab** key on your keyboard to add more rows to the table, if required.*

Type of benefit <i>Economic, social, environmental, cultural or other type of benefit</i>	Description <i>Provide a brief, clear description of the benefit</i>
Environmental/Human Health	Remedial planning and physical remediation of the historic dump site will avoid discharges to the environment and reduce impacts on human health.
Cultural	Effects on coastal, cultural and heritage values on the site will be considered in decision making when considering remediation options. Iwi and wider community agree on planned remedial actions.
Social	SDC/ES joint approach to communications and liaison with community and adjoining landowners.  Remediation of the dump site and reinstatement of the area will enable continued public access to the coastal marine area.

**4 What is the scope of the project?**

*Provide information about what the project will do (in scope) and won't do (out of scope).*

*See page 22 of the guide for information on how to complete this question (maximum 300 words).*

*Press the **Tab** key on your keyboard to add more rows to the table, if required.*

In scope	Out of scope
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Remedial planning, physical remediation and reinstatement.	The NES(soils) consenting process is out of scope.
Establishing existence of and methods to remove explosives if present.	Monitoring of site for erosion and explosives risks is out of scope.
	Interim coastal erosion protection works are out of scope.
	Community and land owner meetings and liaison in relation to managed retreat processes for private properties.

5 Are there any links to, or dependencies on, other projects?

*Provide information about the links and dependencies that exist between this project and any other project or programme that may affect the delivery of this project (maximum 150 words per row).*

*See page 22 and 23 of the guide for information on how to complete this question.*

*Press the **Tab** key on your keyboard to add more rows to the table, if required.*

<b>Link or dependency</b>	<b>How this will be managed</b>	<b>Person responsible for monitoring</b>
Availability of contractors eg explosives expert and contaminated land consultant.	Seek consultants who are available. Provide a reasonable timeframe in contract to complete the investigation field work.	Project manager – Bruce Halligan
Availability of Environment Southland (ES) to project manage and working group to meet regularly	Share project management within ES	Project manager
Explosives risk assessment required before remediation can be undertaken	Engagement of explosives expert to assess and manage risk. Regular project team communication. H&S measures on explosives risks agreed to by Worksafe during investigations.	Project manager
Removal of contaminated waste material to an approved facility	Pre approval with landfill and other waste disposal facilities.	Project manager
Adjoining landowner collaboration	Regular documented meetings.	Project manager
National Emergency and health hazards	Eg Covid19. Follow govt. guidance on procedures and follow H&S advice.	Project manager

**6 How will you schedule your project?**

*Ensure that a high-level project schedule for the phase(s) covered in this project is submitted with your application. (A Gantt chart is recommended for large projects). The project schedule should provide the following information:*

- *start and end dates of the project*
- *delivery date for each milestone*

*See page 23 of the guide for information on how to complete this question.*

Description		
Project start/Procurement	March 2024	
Milestone 1: Further explosives investigation	April 2024	
Milestone 2: Remedial Planning and RAP	May 2024	
Milestone 3: Remedial Works	June 2024	
Milestone 4: Site Validation	July 2024	
Milestone 5: Reinstatement of Site	September 2024	
Project end	November 2024	

**7 How will you evaluate your project?**

*How will you know your project is successful?*

*Describe how the effectiveness of your project will be monitored, evaluated and reported, based on the KPIs and answers you provided in question two (maximum 300 words).*

*See page 24 of the guide for information on how to complete this question.*

The project and all milestones are completed on time and within budget.

Costs and effective procurement risks are managed appropriately;

The RAP and Remediation meets the requirements of Contaminated Land Guidelines 1 & 5. Sufficient technical detail in the RAP is provided to support remediation actions and inform relevant consent applications.

A robust remedial action plan was developed to inform a remedial solution that managed and mitigated risks.

Remediation actions and methods incorporated stakeholder feedback on the proposed remedial solution.

Key messages were developed to meet community and stakeholder needs.

The project has gone to plan, contingency and mitigations were in place to manage risks.

The site validation report confirms that the site is fit for purpose.

The site has been reinstated and vegetated to stabilise the area and public access is enhanced.

## SECTION 4: Site information

### 8 What are the details of the site?

*See page 25 of the guide for information on how to complete this question.*

Site address	There is no address for this area. The historic dump site is located on the coastal foreshore below Bluecliffs Beach Road, Papatotara, Tuatapere. (refer to Site Location Map Appendix 1)
Legal description(s) of site	There is no legal description. The dump site is within the Coastal Marine Area (CMA) above mean high water springs. (refer to Land Ownership Map Appendix 2)
Description of site location and setting	<p>The site is located within Te Waewae Bay, west of the Waiau River mouth below Blue Cliffs Beach Road. (Refer to Historic Dump Site Location Map Appendix 3)</p> <p>The foreshore beach area along Te Waewae Bay is mostly bounded by a terrace or coastal cliffs below which there is a narrow sand and gravel barrier between the cliffs and the sea.</p> <p>The river mouth and sand spit barrier beach is a very dynamic system and the erosion can be unpredictable. The Waiau river mouth is currently running towards the west inside a gravel barrier beach (sand spit) and entering the sea adjacent to the dump site. The river has impacted the sand spit barrier beach in front of the site, exposing the site to the full force of the weather and coastal/riverine impacts.</p> <p>Significant coastal erosion has occurred over the past ten months which has impacted the foreshore area directly adjacent the dump site and is also affecting sections of private land on the Bluecliffs Beach Road terrace. (refer to aerial photos of drone footage Appendix 4)</p> <p>The dump site is located within the confines of a former gravel quarry located at the foot of the terrace below Bluecliffs Beach Road. Waste materials have been end tipped off the Bluecliffs Beach Road terrace, and covered with loose sand and gravel.</p> <p>The estimated footprint of the landfill is just over 500 m<sup>2</sup> (measured using the measuring tool on Environment Southland's Beacon GIS). Given this, estimated landfill volumes are conservatively estimated to be as follows:</p> <ul style="list-style-type: none"> <li>• Landfill including cover – 1,500 to 2,000 m<sup>3</sup>.</li> <li>• Waste at base landfill – 1,000 to 1,500 m<sup>3</sup>.</li> </ul> <p>Surface fly tipping has also occurred over a wider area.</p> <p>This situation is potentially a mini Fox River scenario.</p>

<p>Current use of site</p> <p><i>include how water and land on the site are used</i></p>	<p>The CMA foreshore area is accessed for recreational use year round by local residents and the general public. The Waiau River mouth coastal area has a long tradition of occupation and use by the whitebaiting community during whitebait season.</p>
<p>When did the current landowner/occupier purchase the site?</p>	<p>Coastal Marine Area (CMA) is crown owned.</p>

9 Is the site in an area that has cultural significance or natural, ecological, scientific or recreational value? ■ Yes

*If yes, provide details below (maximum 200 words).*

*See page 25 of the guide for examples.*

Te Waewae Bay has significant cultural, coastal and landscape values. Sensitive receptors include the coastal marine environment including coastal waters in the coastal marine area, marine wildlife and people who access the foreshore area.

The Bluecliffs Beach area, west of the Waiau mouth, is a Mahinga Kai harvesting area commonly used for floundering and whitebaiting. The area is a significant gamebird habitat. The bar between the lagoon and the sea is a notable roost for spotted shags Bird species include variable oyster catchers, banded dotterels, and mottled petrels.

Hector's dolphins are regularly seen in the western inshore area of the bay. This is a nationally significant population, and the largest south of Banks Peninsula. Te Waewae Bay is also part of the migratory path of the Southern Right whale.

Due to its place in the whakapapa, history, and traditions of Waitaha, Kati Mamoe, and Ngāi Tahu, the Waiau river was included as a Statutory Acknowledgement in the Ngai Tahu Claims Settlement Act 1998.

Solid waste disposal is considered a significant environmental management issue for Ngai Tahu ki Murihiku. Iwi and the wider community support the proposed removal and remediation actions.

10 What is the contamination history of the site?

*Complete the table below.*

*Ensure that the phase one desktop study (undertaken by the council) is submitted with your application as supporting documentation.*

*See page 26 of the guide for examples.*

**Contamination history**

<p>Which contaminants are present/ suspected to be present?</p> <p><i>provide a general description</i></p>	<p>Hydrocarbons, Heavy Metals, PAHs and Asbestos.</p>
<p>When did contamination of the site occur? <i>provide accurate dates</i></p>	<p>Community disposal of waste material in the former gravel pit and along the foot of the terrace appears to have occurred from the 1970s through to 1980s. Fly-tipping waste appears to be more recent – up to year 2000. The area has also been used for dumping of greenwaste.</p>
<p>Potential risk to human health</p> <p><i>provide details</i></p>	<p>There is a low risk to human health unless explosives are found on site. Contamination levels are acceptable for recreational land use. The results of the DSI investigation confirm that the primary risk associated with the dump site is exposure and discharge of domestic and municipal waste materials (plastic, domestic waste material etc) into the receiving environment (ie Te Waewae Bay).</p> <p>Soil contaminant levels detected were identified as being suitable for disposal at the AB Lime Class A landfill, east of Winton.</p> <p>There is unsubstantiated information about the potential for explosives to be present which is unable to be quantified without further specialist investigation. SDC is currently seeking assurance from specialised consultants around the risk of explosives and is developing a plan to manage the risk.</p>
<p>Potential risk to environment</p> <p><i>provide details</i></p>	<p>Physical domestic waste material discharging into the environment. (Plastics, glass and metals)</p>
<p>What activities caused the contamination?</p>	<p>The site was historically used as an historic dump site with unauthorised and uncontrolled disposal of waste material.</p>
<p>Are these activities ongoing?</p> <p><i>if yes, are they subject to any controls (eg, discharge consent)?</i></p>	<p>No. Historic dumping of wastes in the area ceased in the 1990's.</p>
<p>Has any action been undertaken to investigate or remediate the site?</p> <p><i>if yes, provide details</i></p>	<p>In July 2023 Environment Southland commissioned Contaminated land consultants EHS Support to carry out a Detailed Site Investigation (DSI) to delineate and characterise the waste material in the dump site. The report confirms the material is domestic waste suitable for disposal at a Class A Landfill. Refer to EHS DSI Report in Appendix 5.</p>

	<p>Buried waste materials encountered during Detailed Site Investigations (DSI) investigations in July 2023 were predominantly domestic in nature (plastics and glass, old cars and machinery). Leachate tests have confirmed the domestic waste material is acceptable for disposal at a Class A landfill.</p> <p>Surface fly tipping over a wider area includes larger items including electrical appliances, car parts, plastic crates etc.</p> <p>A major flood event occurred in September 2023 causing further foreshore areas to erode in front of the dump site.</p> <p>As a result of the severe erosion the Emergency Management Southland (EMS) Manager, Simon Mapp directed the Southland District Council to undertake immediate action to remove the historic waste material. Emergency excavation works of surface landfill material requested by EMS commenced on 9 October 2023 with four truckloads of waste material removed from around the dump site.</p> <p>Upon starting excavation, one local resident then highlighted the potential for explosives to be buried at the site.</p> <p>SDC immediately ask the contractor to stop excavation work and make the site secure. Worksafe, having been contacted by a concerned person, also requested the contractor to cease excavation works. A precautionary approach is being taken until the issue can be resolved.</p> <p>The EMS emergency provisions have ended and the immediate threat of erosion from the September flood situation has abated, for now.</p> <p>The costs for work undertaken under the emergency provision is not included as part of this application.</p> <p>SDC is currently seeking assurance from specialised consultants around the risk of explosives and is developing a plan to manage the risk.</p> <p>If explosive material is to be found, it will not be disposed of at the Class A landfill. Specialists would be called into assist with removal and destruction.</p>
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11 What is the proposed use of the site following remediation?

*Provide information about the proposed use of the site following remediation (maximum 200 words).*

*See page 26 of the guide for an example.*

Site is to remain as Coastal Marine Area (CMA) with ongoing public access.

No

12 Will all (or part) of the site be sold following remediation?

*If yes, provide details (maximum 200 words).*

*See page 26 of the guide for further information.*

CMA areas cant be sold.

## SECTION 5: Site risk screening

Use the information from your risk screening report (undertaken during phase one) to complete this section. Include any other relevant information.

Submit the risk screening report as supporting documentation with this application.

13 Have Hazardous Activity and Industry List (HAIL) activities been undertaken on the site?  Yes  No

If yes, provide any known information about the activities, including the names of companies, details of processes undertaken, and records of spills/incidents.

See page 27 of the guide for information on how to complete this question.

Press the **Tab** key on your keyboard to add more rows to the table, if required.

HAIL activities	Dates	
	Start	End
G3: Landfill Site (In defined Gravel Pit)	1970s	1980s
D5: Waste disposal to land (fly-tipping)	1970	2000

14 What are the site's hazard and pathway components?

Complete the following table using the information available to you at the time of application.

See page 27 of the guide for further information.

Hazard	Components <i>provide the information used to derive the components</i>	Affected receptor
Names of chemicals of concern	<p>Municipal and general landfill waste material – hydrocarbons, heavy metals, asbestos and PAHs.</p> <p>The primary risk associated with the landfill is exposure and discharge of waste materials (plastic etc) into the receiving environment (Te Waewae Bay).</p> <p>The potential presence of explosives increases the risk significantly in relation to remediation actions.</p>	<input checked="" type="checkbox"/> surface water <input checked="" type="checkbox"/> groundwater <input checked="" type="checkbox"/> direct contact exposure

Toxicity of chemicals of concern	No analysed contaminants of concern were detected at concentrations in excess of Soil Contaminant Standards (SCS) for recreational land use. Explosives investigation still to be carried out.	<input type="checkbox"/> surface water <input type="checkbox"/> groundwater <input type="checkbox"/> direct contact exposure
Volume of chemicals on the site, or the volume of land affected	The estimated footprint of the dump site is 500 m2 Estimated waste material volumes - • Waste including cover – 1,500 to 2,000 m3. • Waste at base – 1,000 to 1,500 m3	<input type="checkbox"/> surface water <input type="checkbox"/> groundwater <input type="checkbox"/> direct contact exposure
Mobility of chemicals of concern	Leachate TCLP analysis confirmed landfill acceptability at a class A landfill. This is subject to explosives material being removed, if discovered.	surface water groundwater <input checked="" type="checkbox"/> direct contact exposure
<b>Pathway</b>	<b>Components</b> <i>provide the information used to derive the components</i>	
Containment of chemicals/contamination	Waste material is buried in a former gravel pit. As the gravel pit filled it appears that waste material was end tipped off the roadside down the terrace into the CMA foreshore area. The main area is at risk of erosion from coastal tidal influences and the Waiau river flowing under the terrace.	
Thickness and nature of low permeability layer	Waste material is layered under high permeability gravels as it is within the foreshore area.	
Soil type (permeability)	Alluvial gravels and sandy soils.	
Distance to user	2m	
Depth to hazard	8 Metres. Waste is buried in a gravel pit with a gravel capping built up to the road level. Surface fly-tipping.	
Type of aquifer present	Surface water and sea water.	
Direct/sediment runoff and flood potential	Flood risk from mouth of Waiau River and exposure to tidal coastal erosion.	

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## SECTION 6: Partnerships

Yes

15 Has appropriate due diligence been completed on the current landowner/occupier?

*If yes, please attach evidence to this application.*

*See page 28 of the guide for further information.*

Southland District Council (SDC) as the local government territorial authority is the land manager within the area of CMA being above mean water high springs (MHWS). SDC is working collaboratively with Environment Southland on the project, both parties are monitoring the site regularly.

Yes

16 Is the current landowner/occupier willing to contribute financially to the remediation?

*If yes, provide further information below. If no, provide the reasons why (maximum 100 words).*

*See page 28 of the guide for further information.*

Yes. SDC and ES have agreed to pay \$50,000 each towards the project as well as in-kind support.

Neither Southland District Council (SDC) or Environment Southland (ES) have budgeted amounts to remediate the dump site as the historic site was only brought to the Councils attention in early 2023.

If Councils have to pay full costs of remedial planning, remediation and reinstatement, the costs would then fall on the ratepayers of Southland.

ES commissioned the DSI investigation and also carry out weekly drone footage to measure and monitor the rate of erosion.

SDC undertook emergency works to remove surface waste material around the dump site in October 2023 following the September floods, as directed by EMS due to increased risks of erosion at the time.

Yes

17 Is the current landowner/occupier willing to support the remediation in other ways?

*If yes, provide further information below. If no, provide the reasons why (maximum 100 words).*

*See page 28 of the guide for further information.*

SDC and ES will provide in-kind contributions of staff time to support remedial planning and remediation and reinstatement of the site.

SDC and ES will also undertake in-kind site monitoring and liaison with the community

In relation to associated risks of erosion to private property.

Current monitoring includes weekly drone footage and site visits.

**18 Which individuals/partner organisations will be involved in the project?**

*What do your partner organisations bring to the project? Complete the table below (maximum 40 words per row).*

*If your application is successful we may contact the person to discuss the project.*

*See page 28 of the guide for information on how to complete this question.*

*Press the **Tab** key on your keyboard to add more rows to the table, if required.*

Name of individual/organisation	Details of involvement	Contact person	Position	Phone number and email
Southland District Council	Project management	Regan McNaught	Development and Solid Waste Engineer	9(2)(a)
	Project management	Grant Isaacs	Strategic Manager Water and Waste.	9(2)(a)
	Community Liaison	Gordon Crombie	Community Liaison Officer	0800732732
Environment Southland	Project Manager/Community liaison	Bruce Halligan	Strategic Regulatory Advisor	9(2)(a)
	Drone footage monitoring	Paul Pollard	Team Leader Catchment Operations	9(2)(a)
	Project co-ordination and administration	Leonie Grace	Senior Pollution Prevention Officer	9(2)(a)

**19 Who are the project's stakeholders?**

*Complete the table below (maximum 40 words per row).*

*See page 28 and 29 of the guide for information on how to complete this question.*

*Press the **Tab** key on your keyboard to add more rows to the table, if required.*

Stakeholders <i>List the stakeholders that are included in this project</i>	Details <i>Give a brief description about their involvement and how your project will support and strengthen the partnerships between the stakeholders</i>
Aparima Oraka Runanga	Local Runanga cultural support and knowledge. Taiao Kaitiaki
Adjoining land owners	DOC, community and interested parties, local knowledge of risks.
Te Ao Marama	Cultural support and knowledge.

## SECTION 7: Milestones and funding

See pages 30 to 38 of the guide for important, step-by-step information on how to complete this section, including how the financial component of the funding is broken down, and how voluntary donations of time and expertise towards your project (inkind contributions) are assessed.

### 20 What are the milestones for phase two of your project (site investigation)?

Only complete this question if phase two is included in this application.

Clearly outline **up to a maximum of six** milestones for phase two, including the tasks that make up each milestone (maximum 100 words per milestone).

Provide the total estimated cash cost for each milestone (exclusive of GST).

Do not include in-kind contributions as this is covered at question 22.

See pages 30 to 34 of the guide for information on how to complete this question.

Milestone	Description	Estimated timeframe	Total estimated cost (A) excluding GST
1	NOT APPLICABLE		\$
<b>Estimated total cash cost for phase two (A)</b>			<b>\$ 0</b>

### 21 What are the milestones for phase three of your project (remediation planning)?

Only complete this question if phase three is included in this application.

Clearly outline **up to a maximum of six** milestones for phase three, including the tasks that make up each milestone (maximum 100 words per milestone).

Provide the total estimated cash cost for each milestone (exclusive of GST).

Do not include in-kind contributions as this is covered at question 22.

See page 35 of the guide for information on how to complete this question.

Milestone	Description	Estimated timeframe	Total estimated cost (A) excluding GST
1	Further investigation to identify explosives risks	1 month	\$250,000
2	Development of Remedial Action Plan (RAP/SMP)	1 month	\$6,250
<b>Estimated total cash cost for phase three (A)</b>			<b>\$ 256,250</b>

Contaminated Sites Remediation Fund

**22 What are the milestones for phase four of your project (site remediation)?**

*Only complete this question if phase four is included in this application.*

*Clearly outline **up to a maximum of six** milestones for phase four, including the tasks that make up each milestone (maximum 100 words per milestone).*

*Provide the total estimated cash cost for each milestone (exclusive of GST).*

*Do not include in-kind contributions as this is covered at question 22.*

*See page 35 of the guide for examples.*

Milestone	Description	Estimated timeframe	Total estimated cost (A) <i>excluding GST</i>
1	Remove explosives	1 month	250,000
2	Undertake Remedial Works	1 month	\$824,870
3	Develop Site Validation Report	1 month	\$6,250
4	Reinstate CMA area	2 months	\$112,875
<b>Estimated total cash cost for phase four (A)</b>			<b>\$1,193,995</b>

23 Have you secured funding from other external sources (including partners)?

Yes  No

*If yes, complete the table below. All amounts should be cash only and exclusive of GST. Please attach to this application any documentation that provides evidence of the funding secured from external sources. If your application is successful, we may contact the nominated person to discuss the status of the funding. In-kind contributions may not be included.*

*See page 36 of the guide for information on how to complete this question.*

### Other external funding sources

Individual/ organisation name	Contact name and phone number	Status of offer	Expected date for funding	Amount phase two (C) <i>excluding GST</i>	Amount phase three (C) <i>excluding GST</i>	Amount phase four (C) <i>excluding GST</i>
Southland District Council	Cameron McIntosh	<input checked="" type="checkbox"/> Confirmed	As required	\$	\$	\$50,000
Environment Southland	Wilma Falconer	<input checked="" type="checkbox"/> Confirmed	As required	\$	\$	\$50,000
<i>If you have secured further funding from more than three individuals/organisation(s), provide the amount in the <b>Amount</b> column to the right. Provide information about the individual's/organisation's name, contact details, status of offer and dates in a separate Word document (or piece of paper, if you are not completing this application electronically), and submit this as supporting information with your application.</i>				\$	\$	\$
<b>Total other external funding sources (C)</b>				\$ 0	\$ 0	\$100,000

*If you have not attempted to secure funding from other external sources, provide the reasons why below. Include any other relevant information (maximum 100 words).*

24 Provide detailed information about the estimated in-kind contributions your project will receive.

*Provide information about the estimated in-kind contributions that your project will receive, including the estimated amounts (maximum 100 words per row).*

*Note that in-kind contributions are separate from the cash costs of the project.*

*See pages 36 and 37 of the guide for information on how to complete this question.*

### In-kind contributions summary

	Description	Phase two total estimated in-kind contribution (F) <i>excluding GST</i>	Phase three total estimated in-kind contribution (F) <i>excluding GST</i>	Phase four total estimated in-kind contribution (F) <i>excluding GST</i>
<b>Professional services and goods</b> <i>Calculate professional services using the actual hourly rate This includes council staff time</i>	Environment Southland in kind staff contribution – Project management 35hrs x \$200	\$	\$	\$7,000
	Southland District Council in kind staff contribution 50hrs x \$200			\$10,000
<b>Use/donation of equipment</b> <i>Calculate equipment and other charges using the actual hourly rate</i>		\$	\$	\$
<b>Facilities provided</b>		\$	\$	\$
<b>Community volunteers</b> <i>Calculate at a rate of \$30 per hour</i>		\$	\$	\$
<b>Other</b>		\$	\$	\$
<b>Total in-kind contributions (F)</b>		\$ 0	\$ 0	\$ 17,000



25 How much are you requesting from the CSRF, and how much have you obtained from other sources?

Complete rows B and D. Your answers from questions 18 – 22 will automatically populate rows A, C, E and F. All costs should be exclusive of GST.

See page 38 of the guide for information on how to complete this question, and about what the funding does not cover.

### Funding summary

	Phase two	Phase three	Phase four
<b>Estimated cash costs for project (A)</b> <i>Cash costs (including contingencies) associated with the project only. Do not include in-kind contribution costs</i>	\$ 0	\$256,250	\$1,193,995
<b>Your cash contribution to the project (B)</b> <i>The amount your council is contributing to the project</i>	\$	\$	\$50,000
<b>Other external cash funding sources, including partners (C)</b> <i>Totals for any other funding you have secured</i>	\$ 0	\$ 50,000	\$
<b>Funding sought from CSRF (D)</b>	\$	\$ 206,250	\$1,143,995
<b>CSRF share of costs (E)</b> <i>Funding sought from CSRF (D) x 100 and divided by estimated project cost (A)</i>	%	%93	%93
<b>In-kind contributions (F)</b> <i>Totals for any in-kind contributions you have secured</i>	\$ 0	\$ 0	\$17,000

The totals from the table above will automatically populate rows G and H. Ensure that you have clicked out of the table for the totals to calculate. All totals are exclusive of GST.

	Phase two	Phase three	Phase four
<b>Estimated total costs for project (G)</b> $G = A + F$	\$ 0	\$ 256,250	\$1,210,995
<b>Estimated overall costs for project (H)</b> <i>This total is a sum of all project phases in the row above</i>			\$ 1,467,245

## SECTION 8: Project management

26 What project governance is planned for the project?

*Describe the project governance that is planned for the project, to ensure that decisions are made consistently and robustly, money is spent responsibly, and risk is managed effectively (maximum 250 words).*

*See page 39 of the guide for information on how to complete this question.*

A Governance Group will be established to provide high level oversight and direction for the project. The project will be managed by the project management team called the 'Working Party Group'. The group includes SDC and ES.

SDC will lead explosives search, removal of waste material and rehabilitation of site.

The working party group will appoint a suitably qualified and experienced contaminated land practitioner (SQEP) through a the government GETs tender process to carry out the RAP/SMP and Site Validation as well as to appoint a suitably qualified and experienced explosives expert to investigate the potential presence of explosives and manage the risk.

A suitably qualified and experienced excavation contractor will be appointed through an existing direct engagement process to carry out remedial works and site rehabilitation as per the RAP/SMP.

Contaminated Sites Remediation Fund Phase/s:

27 What are the proposed roles and responsibilities within the structure of your project?

Complete the table below with information about the roles and their responsibilities within the project structure. At a minimum, the first project manager and project executive rows of the table must be completed. Note that both these roles must be from the regional council or unitary authority. Complete the rest of the table as relevant to your project.

See pages 39, 40 and 41 of the guide for information on how to complete this question.

Press the **Tab** key on your keyboard to add more rows to the table, if required.

Role	Name of person	Phone no.	Email	Responsibilities	Time commitment
Project Manager	Bruce Halligan	9(2)(a)	Bruce.Halligan@es.govt.nz	Strategic Regulatory Advisor	20%
Project Executive	Wilma Falconer	03 2115115	<a href="mailto:Wilma.Falconer@es.govt.nz">Wilma.Falconer@es.govt.nz</a>	CEO Environment Southland	1%

Governance Group <i>(led by project executive, if applicable) provide list of names</i>	Rob Scott		Rob.Scott@southlanddc.govt.nz	Southland District Council Mayor	10%
	Cameron McIntosh		<a href="mailto:Cameron.McIntosh@southlanddc.govt.nz">Cameron.McIntosh@southlanddc.govt.nz</a>	Southland District Council Chief Executive	
	Nicol Horrell		<a href="mailto:Nicol.Horrell@es.govt.nz">Nicol.Horrell@es.govt.nz</a>	Environment Southland Board Chairman	
	Wilma Falconer		Wilma.falconer@es.govt.nz	Environment Southland Chief Executive	

Project Board <i>(led by governance owner, if applicable) provide list of names</i>	Bruce Halligan  Fran Mikulicic		Bruce.Halligan@es.govt.nz  <a href="mailto:Fran.Mikulicic@southlanddc.govt.nz">Fran.Mikulicic@southlanddc.govt.nz</a>	Strategic Regulatory Advisor  Group Manager Infrastructure Capital Delivery	10%
Governance owner	Wilma Falconer	03 2115115	<a href="mailto:Wilma.Falconer@es.govt.nz">Wilma.Falconer@es.govt.nz</a>	CEO Environment Southland	1%
Project team members <i>provide list of names</i>	Bruce Halligan (ES) Geoff Gray (SDC) Grant Isaacs (SDC) Regan McNaught (SDC) Leonie Grace (ES)	9(2)(a) [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Bruce.Halligan@es.govt.nz Geoff.Gray@southlanddc.govt.nz <a href="mailto:Grant.Isaacs@southlanddc.govt.nz">Grant.Isaacs@southlanddc.govt.nz</a> <a href="mailto:Regan.McNaught@southlanddc.govt.nz">Regan.McNaught@southlanddc.govt.nz</a> Leonie.Grace@es.govt.nz	Environment Southland Southland District Council Southland District Council Southland District Council Environment Southland	30%
Project administrator	Leonie Grace (ES)	9(2)(a)	Leonie.grace@es.govt.nz	Senior Pollution Prevention Officer	30%
Other roles <i>provide the role titles</i>					

28 What is your risk management plan?

Complete the risk management table below by providing information about the top five risks that your project faces.  
See page 41 of the guide for information on how to complete this question.

	Risk 1	Risk 2	Risk 3	Risk 4	Risk 5
<p><b>Potential risk</b></p> <p><i>Identify the potential risk to your project</i></p>	Encountering explosives in the dump site.	Project failing Time, costs and scale exceeded	Erosion continues and dump material/explosives deposited into the sea.	Ongoing physical interference and objection to the removal of the dump site by Local community	Unexpected Contamination Discovery
<p><b>Strategy to mitigate</b></p> <p><i>Describe the process that you will use to minimise and manage the risk</i></p>	Engage explosives experts to assist with investigation and removal, if required.	Contingencies built into costings to cover extended scope. Generous timeframe allowed for to avoid needing variations.  Have fixed contracts with consultants in place to approve of any variations before costs are incurred.	Move as quickly as possible when funding and contaminants are confirmed.	Engage with the community to keep them informed and on side with progress. Block access and use screens to exclude public access.  Police support if necessary.	Consultant SQEP on site during excavation to undertake sampling of contaminated soil as required.
<p><b>Level of risk occurring</b></p> <p><i>Select from the drop down box</i></p>	HIGH	LOW	HIGH	HIGH	MEDIUM

<b>Impact on project</b> <i>Select from the drop down box</i>	HIGH	MEDIUM	HIGH	HIGH	LOW
<b>Consequences</b> <i>Describe the consequences the risk would have on the project (eg, misunderstandings, duplication of work, incomplete work)</i>	Dump Site not be able to be removed if explosives threat cannot be resolved.	Procurement may delay process.  Increase in costs.	Unable to remove waste material. Discharge of waste material to CMA if not removed before erosion occurs.	Negative public reputational risk.	Increase in costs. There may be additional costs for disposal of contaminated material

29 Does the organisation managing the project have a health and safety policy or plan?

Yes  No

*If yes, provide copy of health and safety policy with application and go to question 30. If no, provide the reasons why (maximum 100 words) and then go to question 31.  
See page 41 of the guide for further information.*

30 Are the project's activities covered by the organisations existing health and safety policy  or plan?

Yes  No

*If yes, go to question 22. If no, go to question 31. See page 42 of the guide for further information.*

31 Does a Health and Safety Plan need to be developed specifically for the project?

Yes  No

*If yes, go to question 32. If no, provide the reasons why (maximum 100 words). See page 42 of the guide for further information.*

--

32 Who will be responsible for the health and safety plan and/or policy?  
*See page 42 of the guide for further information.*

Name of person	Title	Organisation	Project role
Grant Isaacs		Southland District Council	CEO

Contaminated Sites Remediation Fund Phase/s:

33 Will the health and safety plan and/or policy be audited and/or reviewed?  Yes  No  
*If yes, provide details of who will undertake the audit/reviews and their frequency if known. If no, provide the reasons why (maximum 100 words). See page 42 of the guide for further information.*

Name of person	Title	Organisation
Bruce Halligan		Environment Southland

34 Identify the five most significant hazards with the project *See page 42 of the guide for further information.*

No.	Hazard	Potential impact	Management
1	Presence of explosives	Large risk of exposing with potential for fatalities	<p>Engaging explosives experts to identify any presence and oversee safe removal practices.</p> <p>An interim site management plan will be in place.</p> <p>Prior to commencement of work the project team will prepare a risk register to identify areas of high risk to site workers and the public.</p> <p>Screening off site from public access.</p> <p>Contractor to hold H&amp;S pre event site meeting to induct all workers, Iwi, project team on site.</p>
2	Excavator and vehicles operating on site	Physical harm or vehicle damage	<p>Blue Cliffs Beach Road is a public road and Traffic Management Plans will be in place where required.</p> <p>Observe common road safety rules.</p> <p>Screen off access to lower foreshore area.</p> <p>Exclude public access to remediation area at all times.</p>
3	Contaminated material	Potential for health impacts of workers or the public coming in contact with potentially contaminated waste material during works or on the beach Municipal waste – glass sharp objects, metals	<p>Exclude public access through screens,</p> <p>Community information updates.</p> <p>Workers to use appropriate PPE gear.</p> <p>An interim site management plan will be in place.</p>
4	Inclement weather/environment Working near high tide line.	Hypothermia or Melanoma. Tide causes unstable ground.	<p>Follow interim site management plan.</p> <p>Check daily weather conditions.</p> <p>Actively monitoring for changes.</p>
5	Management of Public	Aggressive or upset people. Staff harm.	<p>Prior engagement with the public and private land owners to inform of the project. Police presence if required.</p>
3			

4			
5			

Contaminated Sites Remediation Fund Phase/s:

35 What is your reporting plan?

Complete the reporting plan table below.

See page 43 of the guide for examples and information.

Press the **Tab** key on your keyboard to add more rows to the table, if required.

<b>Target audience</b> <i>Who is your target audience (eg, landowners, local community, central government)?</i>	<b>Type of report</b> <i>Provide the name of the report</i>	<b>Purpose</b> <i>What is the purpose of your reporting plan and what do you hope to achieve (eg, develop awareness, impart information, deliver education, bring about behaviour change, etc)?</i>	<b>Timing</b> <i>How often will the report be distributed?</i>
MfE, Working Party Governance group, Local community	Project Status Report	Inform working party and stakeholders of the progress made during the last month	Monthly

36 What are your proposed quality assurance processes?

Complete the table below.

See page 43 of the guide for information on how to complete this question.

Press the **Tab** key on your keyboard to add more rows to the table, if required.

<b>Deliverable</b> <i>eg, final report</i>	<b>Acceptance criteria</b> <i>eg, report needs to comply with the Ministry's Contaminated Land Management Guidelines for reporting on contaminated land</i>	<b>Person responsible</b> <i>eg, project manager</i>	<b>Due date</b>
Quarterly reports to MfE during project period up to November 2024	Reports need to comply with CLMG 1 & 5. Remediation and site reinstatement validated and to comply with CLMG.	Project Manager	Quarterly
Milestone reports		Project Manager	Month following milestones
Project closure report to MfE		Project Manager	Month following completion of final report

## SECTION 9: Additional information

37 Is there anything else we need to consider about your application?

*This space is for you to provide any additional information that your organisation considers important, but has not been covered in previous sections of this application form, eg, any known conflicts of interest*

*Include any assumptions which have influenced the approach to the project (maximum 250 words).*

*See page 44 of the guide for information.*

Environment Southland is requesting that the Minister approve an alternative timeframe following funding approval. This would enable funding to be provided for retrospective remedial works which may be required should the erosion risks increase the likelihood of the dumps site eroding sooner.

It is hoped that remediation works get underway as soon as possible once the explosives investigation clears the site and once remediation planning is completed. (ie May as opposed to June).

38 Are there any documents that the Ministry needs to read in conjunction with your application?

Yes

Refer to documents below

*If yes, complete the table below.*

*See page 45 of the guide for examples.*

*Ensure that the documents are submitted with this application form.*

*Press the **Tab** key on your keyboard to add more rows to the table, if required.*

### Name of document

Appendix 1 - Site location map

Appendix 2 – Land ownership map

Appendix 3 - Historic Dump Site Location Map

Appendix 4 - Aerial photos of drone footage

Appendix 5 - EHS Support DSI Report - Bluecliffs Landfill FINAL

Appendix 6 – Cost estimates

Appendix 7 – Coastal boundary jurisdiction map

## SECTION 10: Declaration


*This declaration must be completed by a person with the council's signing authority.*

*See page 45 of the guide for further information.*

**Important:** *Please contact the CSRF Team if you have any queries regarding the terms and conditions of the Funding Deed for the CSRF.*

As a duly authorised representative of the organisation as per Section 1 of this Contaminated Sites Remediation Fund application form:

- I declare that I have read, and agree to, the standard terms and conditions of the Funding Deed for the Contaminated Sites Remediation Fund.
- I declare that I have read the *Contaminated Sites Remediation Fund Guide for applicants for project funding*.
- I declare that to the best of my knowledge, the information contained in all sections of this application form, or supplied by us in support of our application is complete, true and correct.
- I declare that I have the authority to sign this application form and to provide this information.
- I declare that all regulatory requirements regarding the project have been met, and that any required approvals and/or consents have been granted.
- I understand that information presented to the Minister for the Environment and Ministry for the Environment is subject to disclosure under the Official Information Act 1982.
- I agree that the Ministry for the Environment may collect information about our organisation from other parties, and may liaise with local and national organisations in respect of this application.
- I agree that the Ministry for the Environment can undertake a background check on the applicant(s).

<b>Name</b>	Leonie grace	
<b>Position</b>	Senior Pollution Prevention Officer	
<b>Signature</b>		Date 30/11/2023

*By typing your name in the space provided you are electronically signing this application form.*

## Checklist

Use the following checklist to confirm you have provided all the required information in your application.

Do not include any attachments that the Ministry has not specifically requested.

- All sections of this application form completed
- Declaration signed and dated

The following supporting documentation attached:

- cost benefit analysis (if undertaken)
- high-level project schedule for the phase(s) covered in this project
- phase one desktop study  
risk screening report
- documents that the Ministry needs to read in conjunction with your application

## Your feedback

Did you find this application form easy to understand and complete?

- Not at all                       Mostly                       Very

*Provide general comments below.*

The application form needs updating.  
Its not intuitive to fill out.  
It is not always clear what information MfE is requiring or what wording is best used.  
It is difficult to keep in format.  
The CSRF funding process does not appear fit for purpose for retrospective works or for urgent 'emergency' funding requirements.  
This situation required urgent funding best considered outside the current process.