

Hawke's Bay Fish & Game Council

BOARD PACK

for

HBFGC Meeting December

Tuesday, 10 December 2024

6:00 pm (NZDT)

Held at:

Hawkes Bay Fish & Game

22a Burness Road Jervoistown Napier

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AGENDA

HBFGC MEETING DECEMBER

Name:	Hawke's Bay Fish & Game Council
Date:	Tuesday, 10 December 2024
Time:	6:00 pm to 8:00 pm (NZDT)
Location:	Hawkes Bay Fish & Game , 22a Burness Road Jervois town Napier
Board Members:	Bruce Bates (Chair), Blair Slavin, Callum Slavin, Dan Jones, Gary Bowcock, Glenn Morgan, Greg Duley, Henry Melville, Jeff Niblett, Karl Goodchild, Peter Coles, Steve Evans
Attendees:	Corina Jordan, Davey Jones, Helen Brosnan, John Lumsden, Kerry Meehan, Ross Mackay, Sam Robinson

1. Opening Meeting

1.1 HBFGC Meeting

The Chief executive welcomed members and those in attendance to the HBFGC meeting.

1.2 Present & in Attendance

Bruce Bates

For Noting

Record noted of all those who attend meeting in full or in part.

1.3 Apologies

Bruce Bates

For Decision

Confirm apologies notified to Chairman from those Councillors and public for non-attendance or lateness.

1.4 Confirmation of Agenda & General Business

Bruce Bates

For Discussion

Any items from Council not included in agenda.

1.5 Confirm Minutes

Bruce Bates

For Decision

To review & confirm minutes from council meeting 12 November 2024

Supporting Documents:

1.5.a Minutes : HB Fish & Game Council Meeting - 12 Nov 2024

7

1.6 Matters arising from minutes

Bruce Bates

For Discussion

1.7 Conflict of interest

Bruce Bates

For Noting

That Councillors disclose any Conflict or potential Conflict of Interest, record it in the Interest Register, and Council agrees on how to deal with any Conflict of Interest raised. The register is to be signed at each meeting by all Councillors regardless of whether Councillors have a conflict of interest or not.

Supporting Documents:

1.7.a	Conflict of Interest Policy.docx	14
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1.8 Health & Safety Report

Corina Jordan

For Decision

Health & Safety Report

Supporting Documents:

1.8.a	HBFGC Paper H&S Report Cover Dec.docx	15
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1.9 Hawkes Bay Risk Register

Corina Jordan

For Decision

This report to the Hawkes Bay Fish and Game Council provides an analysis of the risks facing Fish & Game as an organisation.

Supporting Documents:

1.9.a	HBFGC Paper Risk Register.docx	17
1.9.b	Hawkes Bay Risk Management Register.pdf	21

1.10 Public Enquiries

Corina Jordan

For Discussion

Floor open to enquiries from members of the public attending the meeting.

2. Discussions & Decisions

2.1 Conflict of Interest Policy

Bruce Bates

For Decision

Consider the Conflicts of Interest Register to ensure it clearly identifies any perceived or actual conflicts of interest of members in general.

Confirm that there are no additional conflicts of interest to declare –either in general or specific items in the current agenda.

Confirm how the Council will handle any new conflicts of interest identified – including speaking

rights, voting rights, exclusion from meeting on specific items, or exclusion of receiving any specific material relating to that item identified.

Supporting Documents:

2.1.a	HBFGC Conflict of Interest Policy - Cover Paper.docx	24
2.1.b	Draft Conflict of Interest Policy.docx	27
2.1.c	Material Interests Declaration.docx	31

2.2 Letter of Expectations

Bruce Bates

For Discussion

This letter sets out the expectations of Councillors. It should be read in conjunction with the relevant provisions of the Conservation Act 1987 and the Council's own governance documentation.

Supporting Documents:

2.2.a	Letter of Expectations Hawkes Bay.docx	32
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2.3 Proposed Gamebird Regulations 2025

Bruce Bates, Corina Jordan

For Decision

Proposed regulations for the 2025 Gamebird Season.

Supporting Documents:

2.3.a	HBFGC game season conditions 2025 paper.docx	39
2.3.b	Appendix 4 Game bird Hunter survey graphs.docx	47
2.3.c	Appendix 5 Annual Swan, Paradise and Shoveler Population Counts.docx	52
2.3.d	Appendix 6 2024 Shoveler Census Report_Draft[88].docx	56

2.4 Tukituki Fishing Competition

Bruce Bates

For Decision

Council approval is required to issue a permit for Sport Fly Fishing NZ to run a Trout fishing competition.

Supporting Documents:

2.4.a	Tukituki trout Fishing Competition December 2024.docx	110
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3. Regional Business

3.1 Operations Report

Corina Jordan

For Information

Supporting Documents:

3.1.a	Operations Report December 2024.docx	113
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3.2 Finance Reports

For Decision

Financial reports for year end 31st August 2024

Supporting Documents:

3.2.a	Hawkes Bay Agenda Items Dec 2024.docx	115
3.2.b	Hawke_s_Bay_Fish_and_Game_Council_-_Profit__Loss_-_Council (11).pdf	118
3.2.c	Hawke_s_Bay_Fish_and_Game_Council_-_Balance_Sheet_-_Council (15).pdf	120
3.2.d	Hawkes Bay Agend Items.docx	122

3.3 Licence Report

For Information

For Decision

Supporting Documents:

3.3.a	Licence sales report.docx	130
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4. General Business

4.1 General business

Bruce Bates

For Discussion

Discussion on any matters not included in the agenda

5. Annual General Meeting

5.1 Move to AGM

Bruce Bates

For Decision

HBFGC move to AGM to discuss the annual performance report.

6. Public Excluded Session

6.1 Move meeting to public excluded

Bruce Bates

For Decision

Meeting is moved to public excluded to discuss staff matters.

7. Close Meeting

7.1 Close the meeting

Next meeting: HBFC Council Meeting January - 21 Jan 2025, 6:00 pm

MINUTES (in Review)

HB FISH & GAME COUNCIL MEETING

Name:	Hawke's Bay Fish & Game Council
Date:	Tuesday, 12 November 2024
Time:	6:00 pm to 9:45 pm (NZDT)
Location:	Hawkes Bay Fish & Game , 22a Burness Road Jeroistown Napier
Board Members:	Blair Slavin, Callum Slavin, Gary Bowcock, Greg Duley, Henry Melville, Jeff Niblett, Bruce Bates (Chair), Peter Coles, Steve Evans, Karl Goodchild, Dan Jones, Glenn Morgan
Attendees:	Corina Jordan, Kerry Meehan, Sam Robinson

1. Opening Meeting

1.1 HBFGC Meeting

1.2 Confirmation of Agenda & General Business

Peter Coles will discuss the river survey that is being conducted with Hastings anglers club & F&G

1.3 Apologies & Conflict of Interests Register

Apologies for Greg Duley

Dan Jones what is the process if councilor breaches code of conduct or conflict of interest? Can be asked to leave by the Chair. May be excluded from the room during discussions and decisions.

Council will sign the declarations at the next meeting

Jeff, how long term is Governance advisor needed? Chair has discussed with Sam and after the following meeting and be available on as when needed basis. Council are free to contact Sam for advise when needed, especially new Councillors. Contact office for details.

1.4 Confirm Minutes

HB Fish & Game Council Meeting 24 Sept 2024, the minutes were confirmed as presented.



Confirm minutes

That the minutes of the meeting held on the 24th September were true and correct record of the meeting.

Decision Date: 12 Nov 2024
Mover: Gary Bowcock
Seconder: Henry Melville
Outcome: Approved

1.5 Hawkes Bay Risk Register

Risk register was not discussed.

1.6 Public Enquiries

No enquiries received.

2. Discussions & Decisions

2.1 Election of Officers



Election of Chairman

1. HFBGC elects Bruce Bates as Chairperson for Hawke's Bay Fish & Game Council.

Decision Date: 12 Nov 2024
Mover: Jeff Niblett
Seconder: Henry Melville
Outcome: Approved

Nominations - Jeff nominated Bruce bates second Henry

No other nominations. Bruce accepts chair position.

Chairman states chair is not a 3 year term and is happy to run for 12 months and revisit. Council can be change at any time.

Peter Coles, next 12 months is vital for changes to FG and continuity is important for next 12 months. Would have felt necessary to abstain as not knowing other Councillors. Would like to re visit in 12 months.

NZC Rep

Chairman endorses Greg Duley with his experience working with NZC

Bruce Bates nominates Greg Duley.



Greg Duley is nominated as the NZC Rep

Greg Duley is nominated as the NZC Rep

Decision Date: 12 Nov 2024
Mover: Bruce Bates
Seconder: Henry Melville
Outcome: Approved



HFBGC will revisit the nominations of chair and NZC rep in 12 mon...

HFBGC will revisit the nominations of chair and NZC rep in 12 months.

Decision Date: 12 Nov 2024
Mover: Peter Coles
Seconder: Jeff Niblett
Outcome: Approved

2.2 Regional Business Governance

Manager gave a run down as F&G as a statutory organisation reporting to the minister of hunting and fishing. Much more engaged than previous conservation ministers. minister works with FG & DOC and takes advise.

HB works through NZC to advise minister on regulations.

HBFGC employ manager and team and work through the manager. Also responsible for health and safety. F&G insurance. Treaty partnership responsibility.

Governance training will be ongoing through Sam Robinson and NZC. NZC hold a budget for training.

Governance policies. being reviewed across the organisation. need updating some typos NZC to HB. have been taken from NZC policies and there are regional changes.

Standing orders. NZC are working on consistent standing orders across the organisation. Some leeway will be given to make sure the job is being done properly. Chair will be lenient in some areas.

2.3 Annual Meeting & Budget Schedule

Decision on finalizing 2025 meeting dates deferred to December 10th meeting.

Peter away 10th December requests leave of absence rather than apologies.

Sam away 10 December

3. Regional Business

3.1 Health & Safety Report



Health & Safety Report

Hawke's Bay Fish & Game Council

1. Receives the information
2. Accepts the Health & Safety report.

Decision Date: 12 Nov 2024
Mover: Karl Goodchild
Seconder: Gary Bowcock
Outcome: Approved

3.2 Gamebird Regulations

Staff need to propose 2025 regulations at Dec meeting. Request licence holder feedback and discussions on time limits for hunting. Would 7pm be acceptable to council? Does the level of light make a difference to shooters? Bowcock the use of thermal will affect night shooting. Melville does limited light affect being able to shoot birds humanely? B Slavin 7pm could be abused by bad hunters. Also consider DOC land restrictions to hours, after darkness.

HBFGC propose 6.15am-6.30pm

Changes to swan, john proposing a relaxed limit in areas with high population concentration. Bates what affect will that have on overall numbers in the wider region? More regional & national population assessments needed. Lake levels are a lot lower this year than previous. Survey is through Eastern, HB, Wellington for swan parries.

Pukeko, Niblett are other regions are having issues with birds in urban areas? mostly horticultural but HB unique with mixed land use. How to get control bird numbers if you cant shoot those areas. Staff request to align season to waterfowl season as market gardeners are starting to sow crops &

pest controllers must only use methods acceptable under Game bird regulations. Historically staff have issued permits in season which isn't allowed and shooting with rifles. C Slavin - growers were not sending recording numbers back. Staff historically not reporting back to council. Don't want to limit opportunity by limiting season to 8 weeks from 16 weeks. Possible solution to establish problem areas with special conditions. Change regs to issue permits during season.

Staff think about shooting hours. Bowcock, is horseshoe lake being studied? Provide historical data before next meeting.



2025 Gamebird Regulations

Staff need to propose 2025 regulations at Dec meeting. Request licence holder feedback and discussions on time limits for hunting.

HBFGC propose 6.15am-6.30pm

Changes to swan, staff to do more population monitoring & liaise with other regions on population status. Report back to Council at next meeting.

Pukeko, staff provide report to council on population monitoring & recommendations on solutions to issues being raised.

Bowcock, is horseshoe lake being studied? Provide historical data before next meeting.

Due Date: 10 Dec 2024

Owner: John Lumsden

3.3 Operations Report

Discussion on Tranche 2. Chair explained process of the case with landowners wanting to take large amounts of water from an unverified source of water. Money was used from dedicated reserves. They couldn't define how much water is there to take. HBRC have not conducted proper studies on the Manganuku stream and opinion was it was so degraded that more degradation wont make much difference. No invertebrate or water quality studies were undertaken. Spring fed stream.

Bowcock - Predator control. Letter from HBRC to pest controllers about predator traps being given away. Staff to investigate.

Nursery Te Ngahere has now taken over the nursery. PD workers will be doing some recapturing of native seedlings. Had issues with scoping and smoking drugs on site. Report back to council on PD workers.

Ranging, 2 teams out on opening weekend. trying to multi task and do other work to make most of opportunities and efficiency. Access point issues, Matariki forest, walker road, staff in discussions with HBRC. Tukituki access points Smalls and Rowe road.

Add an access report to operations report. New charter from minister on access for hunting and fishing. Staff bring paper to next council meeting.



Staff Follow Ups

Bowcock - Staff to follow up with HBRC on predator control traps.

Report back to council on PD workers.

Access point issues, matariki forest, walker road, staff in discussions with HBRC. Tukituki access points Smalls and Rowe road.

Add an access report to operations report. Staff bring paper to next council meeting.

Due Date: 10 Dec 2024

Owner: Corina Jordan

3.4 Finance Reports



Approve Payments

That the payments for 1 September to 30 September 2024 totaling \$111,029.29 be approved.

Decision Date: 12 Nov 2024
Mover: Gary Bowcock
Seconder: Henry Melville
Outcome: Approved

3.5 Licence Report

Steve - where does agent nominate region, or is it automatically selected?

4. General Business

4.1 General business

Peter Coles Tukipo Stream study. Hastings anglers club embarked on project to adopt the Tukipo stream. Doing river health surveys and liaising with land owners to improve stream water quality. Doing invertebrate studies to look at water health. Russell Death assisting with training club and methodology. Data if properly gathered for tranche 2 to use as evidence. Death pointed out black algae and is very prevalent through stream. Studies of tissue samples from eels have shown toxin levels due to this type of algae. No study on trout. some funding from council may be needed for proper studies to be undertaken. Liaising with other clubs. HB river systems are on the brink and if drought the river is in danger of collapse. studying invertebrates as some will disappear sooner than others. if water levels drop toxicity worsens. pH testing, water flow and temperature. HBRC data? Tukipo catchment scheme? Funding bid will be submitted by club. Does it build in ducks, yes can potentially. Botulism monitoring also related to water quality issues. duck populations in Auckland Waikato due to declining water quality issues.



Enrolling in election

Manager to NZC re-investgate all licence are automatically in electoral roll when purchasing licence.

Decision Date: 12 Nov 2024
Mover: Callum Slavin
Seconder: Karl Goodchild
Outcome: Approved



Electoral Roll

Manager to NZC re-investgate that all licence should be automatically enrolled on the electoral roll when purchasing a licence.

Due Date: 17 Feb 2025
Owner: Corina Jordan

4.2 Ministers letter

Q1 What opportunities are there to make efficiencies, reduce duplication and ensure economies of scale across Fish and Game (e.g. shared services) to improve value for money for licence holders? How could these be best achieved?

Working with other regions to make better use of monitoring. accounting systems, audits, one

audit for NZ or internal audits. \$7k per region. RMA. more functions from NZC. National co-ordination for studies. Follow fed farmers model to apply to F&G. Centralise systems like payroll etc.

2. What do you think about the Governance Review recommendation to merge regions, and on what basis would this be appropriate?

Financially viable or a cost benefit to do it. More centralization for functions regions. Difficult to get constructive agreement between regions. Workability issues.

3. What would better support you as Councillors and as Fish and Game generally:

a. would a reduced number of Councillors on each council improve effectiveness and decision making?

b. would a modest honorarium for Councillors recognise and support your voluntary role? NZC rep and NZC chair should be paid positions due to level of commitment involved. Not at a regional level. Will attract people not passionate about sport.

c. how can the relationship between your Council and the NZC be improved to support the organisation and licence holders? Is the current way of nominating your representative to the NZC working? How can there be stability for the NZC over the whole term?

NZC rep yes works well and standing orders allow change at any time, advantage that they are known at a local level. Concern that NZC would have more members from one region with larger voter base. Also support for national voting as NZC is working for national not regional. Regional issues with how many people can be available to take on the roll. Support for a governance advisor.

d. what other measures would support your Council to be more effective and trusted (e.g. wider eligibility to stand and vote in elections, a fit and proper person test)?

e. should the criteria under which the Minister currently has the power to remove elected members be reviewed?

It would be easier for the regions if regions had the authority to remove extremely dysfunctional councillors. Possibly Nzc evaluation and final decision.

4.3 Huia Update



Huia loan

Staff investigate options for loaning for a museum and bring a paper back to next council meeting.

Due Date: 10 Dec 2024

Owner: Kerry Meehan

Birds are not covered by F&G statute. Council should not use licence money to fund insurance costs. Can we find a separate benefactor to fund security and insurance of birds? Covered by separation of educational charitable trust?

5. Public Excluded Session

5.1 New Agenda Item



Move to public excluded session.

To move into committee to discuss staff matters

Decision Date: 12 Nov 2024

Mover: Blair Slavin

Seconder: Gary Bowcock

Outcome: Approved

6. Close Meeting

6.1 Close the meeting

Next meeting: HBFC Council Annual General Meeting - 10 Dec 2024, 7:00 pm

New Actions raised in this meeting

Item	Action Title	Owner
3.2	2025 Gamebird Regulations Due Date: 10 Dec 2024	John Lumsden
3.3	Staff Follow Ups Due Date: 10 Dec 2024	Corina Jordan
4.1	Electoral Roll Due Date: 17 Feb 2025	Corina Jordan
4.3	Huia loan Due Date: 10 Dec 2024	Kerry Meehan

Signature: _____

Date: _____

Conflict of Interest Register

1. Purpose

A standing agenda item to disclose any Councillor ("Member") Conflict of Interest or potential Conflict of Interest, and record this in the Councillor Conflict of Interest Register.

2. Background

The Hawke's Bay Fish and Game Council has developed a policy to deal with Conflicts of Interest and must provide a standing agenda item to allow Councillors to disclose any Conflict or highlight any potential conflict.

The "Interest Register" ring binder will be circulated in the first part of each meeting for Councillors to record any interests. The Council should then discuss how it wants to deal with any interest or perceived interest identified. Conflict of Interest (refer s2.7 Governance Policies) means when the member can be shown to have actual bias or apparent bias in respect of a matter¹ i.e.:

A member can be shown to have actual bias when a member's decision or act in relation to a matter could give rise to an expectation of financial gain or loss (that is more than trivial) to the member (and/or to the member's parent(s), child(ren), spouse, civil union partner, de facto partner, business partner(s)/associate(s), debtor(s) or creditor(s)).

A member can be shown to have apparent bias when a member's official duties or responsibilities to the Council in relation to a matter could reasonably be said to be affected by some other interest or duty that the member has.

A member's "interest or duty" includes the interests of that member's parent(s), child(ren), spouse, civil union partner or de facto partner that may be affected by the matter at issue. It also includes the interests of a person with whom the member has a close, personal relationship where there is a real danger of personal favouritism. There is no Conflict of Interest where the member's other interest or duty is so remote or insignificant that it cannot reasonably be regarded as likely to influence him or her in carrying out his or her responsibility.

A potential conflict of interest (refer s2.8 Governance Policies) arises when:

There is a realistic connection between the member's private interest(s) and the interest(s) of the Council;
The member's other interest could specifically affect, or be affected by, the actions of the Council in relation to a matter;

A fair-minded lay observer might reasonably consider that the member's private interest or duty may influence or motivate the actions of the member in relation to a matter; and

There is a risk that the situation could undermine public trust and confidence in the member or the Council.

Conflicts of Interest should be dealt with as follows (refer s1.13 Standing Orders):

1.13.1 Every member present at a meeting must declare any direct or indirect conflict of interest that they hold in any matter being discussed at the meeting, other than an interest that they hold in common with the public.

1.13.2 When a conflict of interest arises in respect of a matter, the affected member will:

not vote on issues related to the matter;

not discuss the matter with other members;

conform to the majority view of other members present as to whether to be excluded from discussions regarding the matter and/or leave the room when the matter is discussed;

not, subject to the discretion of the Chairperson, receive further papers or other information related to the matter.

1.13.3 Where a member can be shown to have a potential conflict of interest, the Council (excluding the affected member) will determine an appropriate course of action, which may include the following:

applying some or all of the actions applied to a member with a conflict of interest (set out in 1.13.2 i) – iv) above);
provide a written explanation outlining why there is no legal conflict of interest that can be made available to all Fish and Game Councils, licence holders and other interested parties.

1.13.4 The conflicted member will be given the opportunity to be heard by the Council on the points raised and the member's submissions will be taken into consideration by the Council.

1.13.5 The minutes must record the declaration and member's subsequent abstention from discussion and voting.

Councillors should take this opportunity to disclose any Conflict of Interest they are aware of now and record it in the circulated Conflict of Interest Register. If during the course of the meeting a conflict or perceived conflict is recognised, then this should be disclosed at that point in time.

3. Recommendation

3.1 That Councillors disclose any Conflict or potential Conflict of Interest, record it in the Interest Register, and Council agrees on how to deal with any Conflict of Interest raised. The register is to be signed at each meeting by all Councillors regardless of whether Councillors have a conflict of interest or not.

¹ "Matter" means:

(i) The Council's performance of its functions or exercise of its powers as set out in Part 5A of the Conservation Act 1987, subject to the Council's statutory purpose set out in section 26P(1) of the Conservation Act; or

(ii) An arrangement, agreement, or contract made or entered into, or proposed to be entered into, by the Council.

Health & Safety Report**Hawkes Bay Fish and Game Council Meeting
Tuesday 10th December 2024**

Prepared by: Kerry Meehan

Kōrero taunaki - Summary of considerations***Purpose***

This report to the Hawkes Bay Fish and Game Council is to provide a summary of health & safety across the organisation

Financial considerations

Nil Budgetary provision Unbudgeted

Risk

Low Medium High Extreme

Ngā taunaki – HBFGC Manager Recommendations

The HBFGC Manager recommends that the Hawkes Bay Fish and Game Council:

1. Receive the information.
2. Accepts the H&S report.

Whakarāpopoto - Executive Summary

- 1 As part of its commitment to Health and Safety and providing a safe workplace, the Hawkes Bay Fish and Game Council require a report at each meeting describing:
 - 1.1 Implementation and adherence to the Health and Safety policy/manual – including H&S as an agenda item for staff and ranger meetings
 - 1.2 Monitoring and Reporting – in accordance with the Health and Safety plan; Risk Management (identification and treatment) – any new issues or hazards that have arisen and how these have been addressed
 - 1.3 Training programme – information sharing and training of staff and volunteers
 - 1.4 H&S incidents – near misses or injuries sustained, plus updates on past events

Takenga mai - Background

- 2 This report provides a summary of:
 - 2.1 The health and safety performance across the organisation inclusive of any contract work.
 - 2.2 Health and safety risk across the organisation.
 - 2.3 Any significant health and safety incidents for the months reported and any recent updates on past incidents.
 - 2.4 Any near-miss events and subsequent follow-up actions.
 - 2.5 The report also responds to any matters arising from the last Council Meeting.

Kōrerorero – Discussion

- 3 Staff have been involved in a national group headed by Adrienne Murray to update & develop national Health & Safety policies with regional specific options.
- 4 The table below summarises the reporting statistics for this period. Further information regarding context and follow up process is captured in a register.

Lost time injuries this period	Lost time injuries this year 2024-25	Incidents this period	Incidents this year 2024-25	Near miss events this period	Near miss events this year 2024-25	New hazards reported this period	New hazards reported this year 2024-25
0	0	0	0	0	0	0	0

Near Miss & Incident Events

4. None

Ngā kōwhiringa - Options

5. The HBFG Council may
 - a. Take the report as read
 - b. Accept the Health & Safety report.

Risk Register

Hawkes Bay Fish and Game Council Meeting Tuesday 10 December 2024

Prepared by: Corina Jordan, Kerry Meehan

Kōrero taunaki - Summary of considerations

Purpose

1. This report to the Hawkes Bay Fish and Game Council provides an analysis of the risks facing Fish & Game as an organisation.

Financial considerations

Nil Budgetary provision Unbudgeted

Risk

Low Medium High Extreme

Ngā taunaki – HBFGC Manager Recommendations

2. The HBFGC Manager recommends that the Hawkes Bay Fish and Game Council:
 1. Receive the information.
 2. Review and discuss the risk assessment
 3. Accept as amended through discussion.

Whakarāpopoto - Executive Summary

- 3 The Risk Register report provides an analysis of the organisational and Hawkes Bay Fish & Game Council (HBC) risks associated with achievement of the Councils Strategic Objectives. These risks if not appropriately managed, could impede the achievement of the New Zealand Fish & Game Councils strategic priorities and effective implementation of the Organisational Strategy.
- 4 The main areas highlighted as high (2) or very high (1) center mainly around: organisational culture, cohesion, and resilience; social licence; recruitment, retention, and reactivation (R³); and environmental management.
- 5 The Risk Register Report summarises mitigation approaches to effectively manage the majority of risks. However, some identified risks may be outside of the direct control of the Hawkes Bay Fish & Game Council, such as organisational culture and cohesion and wider fiscal management and efficiency.

Takenga mai - Background

- 6 Risk assessment is the identification and analysis of relevant risks to achieving the councils' objectives and forms a basis for determining how the risk should be managed (accept, reject, manage).
- 7 Fish & Game faces a variety of risks from both external and internal sources. Appendix 1 to this report outlines these risks across key categories:
 - a) Operational/ assets;
 - b) Financial;
 - c) Human resources;
 - d) Governance;
 - e) Strategic;
 - f) Reputational;
 - g) Social/ demographic;
 - h) Species/ population;
 - i) Compliance and prosecutions
 - j) Environmental
 - k) Contractors/ third party risks
 - l) Health and safety; and
 - m) Produce quality/ value.
- 8 Risk assessments should inform the development of annual operational work programs and budgets, and should be undertaken before introducing new processes or activities, before introducing changes to existing processes or activities, when embarking on organisational change, or when a new risk becomes apparent.
- 9 The goal of the Risk Register (Appendix 1) is to assist the HBC to identify the relative risks to the organisation and to assist the council prepare for and manage risk. The assessment should be considered as the council reviews and considers for approval

the HBC annual operating work plan, and final budgets. Risks are identified as low (4), moderate (3), high (orange), or very high (red).

		Impact			
		Minor	Moderate	Major	Critical
Likelihood		Little or No Effect	Effects are Felt but Not Critical	Effects are significant	Effects are critical
Improbable	Unlikely to Occur	4	4	3	2
Possible	May Occur	4	3	2	1
Probable	Will Likely Occur	3	2	1	1
		Risk Key			
		4	Low		
		3	Moderate		
		2	High		
		1	Very High		

Kōrerorero - Discussion

- 8 Appendix 1 Risk Register sets out the relative risks to the Hawkes Bay Fish & Game Council (HBC), and the wider Fish & Game organisation. The Risk Register also summarises mitigation approaches to effectively manage risk to a desirable level.
- 9 Priorities for the Hawkes Bay Fish & Game Council team for 2024/25, based on the Risk Register and assessment for 2024/25, in addition to the teams well established and historical focus areas and projects, include:
 - a) Communications and engagement which continue to build off the “Rewild” campaign, and increased focus on internal and external communications
 - b) Building strong and enduring relationships across key stakeholders and local government. Ongoing connection to hunting and angling influencers including clubs;
 - c) Finalising, consultation and implementation of the 10 year Sports Fish & Gamebird Management Plan.
 - d) Consultation with NZC and regions on establishing population monitoring systems and procedures.
 - e) Developing more opportunities for licence holders to access to fishing & gamebird hunting resources.
 - f) Development of an extension program and resources to support R3, and build stronger licence holder engagement and value add;
 - g) Building relationships with Mana Whenua and implementation of Fish & Games Section 4 Te Tiriti o Waitangi obligations.

Ngā kōwhiringa - Options

- 10 The Council may
 - a. Adopt the risk assessment; or
 - b. Adopt the risk assessment with X amendments; or
 - c. Agree to not adopt the risk assessment.

Whai whakaaro ki ngā whakataunga - Considerations for decision-making***Financial Implications***

- 11 The financial implications of the risk assessment should be considered. The annual operational work program and budget has been developed to specifically manage the majority of the risks identified.
- 12 Legislative change for Fish & Game, or/and cross organisational governance support for change may be required to effectively manage these risks.

Legislative Implications

- 13 Some identified risks require legislative changes for the organisation or/ and cross organisational collaboration in order to effectively manage the risk.

Section 4 Treaty Responsibilities

- 14 The paper includes risks associated with Fish & Games implementation of its section 4 obligations under Te Tiriti o Waitangi.

Policy Implications

- 15 The risk assessment considers implementation of the Organisational Strategy, and the long term viability of Fish & Game.

Risks and mitigations

- 16 The paper provides a risk assessment for Fish & Game as an organisation and the New Zealand Fish & Game Council.

Consultation

- 17 Council to consider if they would like NZ Council feedback on any matters discussed in the report.

Ngā mahinga e whai ake nei - Next actions

- 18 The council will consider the Annual Operational Work Plan, and budget, in light of the discussion around organisational risks, with a particular focus on those risks identified as high (2) or very high (1).

Risk Register Hawkes Bay Fish & Game			as at 6 September 2024
Risk Type	Description	Mitigation	Risk Code
Operational/assets			1 to 4
	Flood, fire, theft, earthquake	Insurance, alarms, theft prevention, key codes changed	3
	Internet, files storage and security	Security software up to date, Internet supplier agreement in place	4
	Physical files	Security software up to date, Internet supplier agreement in place	3
Financial			
	Reliance on licence income	Secure other sources of income	3
	Ongoing or new pandemic impact on Non residents	Use of reserves	2
	Investment income weak	Reduced reliance on interest revenue	2
	Depleted reserves		4
	Fraud	Fraud prevention measures in place and audited	4
	Declining licence sales	R3 programme	1
	Licensing system failure	Contracts in place and being monitored	3
	Agent commission increase	Progressive movement to online sales	2
	NZC levies	Proposed changes to NZC levy payments be based on actual sales rather than budgeted sales.	3
Human resource			
	Pay and conditions of staff	Retain good working conditions, provide JD's & job sizing with Strategic Pay and test against market.	3
	Loss of key staff and recruitment of required skills	Promote professional development opportunities, incorporate resilience and cultural support and address capacity and capability gaps.	2
	Succession planning	CE to have succession plans in place to ensure transition of institutional knowledge.	2
	Staff stress and wellbeing	Monitoring in place and regular contact through one on one meetings. Development of individualised My Plans linked to strategic priorities. Encourage staff to take time off. Provide stable management structure & consistency for staff.	3
	HB Team Culture	Maintain positive and transparent workplace culture	4
	Inter-office staff culture	Cultural challenges across organisation continue. The current organisational structure and budgeting approach creates conflict. Minister of Hunting and Fishing legislation changes for F&G will be foundational for cultural change. Past regional conflicts between staff and council have created some barriers to relationship building between regional staff.	2
	HBC Governor/staff culture	Training on culture, reestablishing boundaries, building trust and cohesion, creating culture of kindness.	3
Governance			
	Governance and Cr skill level	Governance and chair training, coopting specialist skills and education	2
	Councillor behaviour	Use and knowledge of standing orders and governance policies. Minister of Hunting and Fishing legislative review for F&G will be foundational in addressing challenges around policy implementation and enforcement.	3
	Representation	Encouragement of diversity (and gender) at elections, encourage diverse appointments to HBC	2
	Councillor safety	No addresses, limited personal info	4
	Culture	Ongoing training for governors on culture and governance. Induction for new councils in 2024.	1
	Disconnect between customers and governors	Increase awareness of process of NZC and opportunities for public engagement.	4
Strategic			
	Lack of organisation strategy	Organisational strategy built collectively across the organisation, and socialised.	4
	Lack of organisational strategic implementation plans	Build annual operational work plans to ensure these are linked to the NZC organisational strategy, and annual SSP. Contribute to consolidated annual reporting which links to organisational strategy.	1

Risk Register Hawkes Bay Fish & Game		as at 6 September 2024	
Risk Type	Description	Mitigation	Risk Code
Reputational			
	Social Licence	Gather insights on what licence holders, wider stakeholders and public think and feel of Fish and Game to inform social licence campaign, increasing social media profile of organisation, commissioning analysis report summarising last decade of environmental activities undertaken by Fish and Game	3
	Public perceptions of Fish and Game	Broaden awareness and respect for Fish and Game through social licence campaign, including comms and advocacy	3
	Perceptions of trout	Promote value of trout- commercial, recreational, tablefare.	2
	Catch and release	Promote sustainable harvest	2
	Perceptions around hunting	Promote sustainable harvest and ethical shooting.	2
	Diversity of membership and Council	Recruitment at elections, encouragement of diversity through R3 planning.	2
	Seen as adversarial and litigious	Comms strategy to better articulate reasons of objections and legal actions	3
Social/demographic			
	Perceived value of introduced trout and ducks diminishing?	Value to be promoted through communications plan	2
	Population is diversifying and increasingly urban	R3 programme to target specific audiences	1
	Older population (baby boomers) aging out of sport	R3 programme	2
	Rural community trust in F&G low	Regain trust via regular contact on positive projects - Catchment groups, wetland enhancement projects (strategic priority 20-23)	2
	Game Park Educational program	Changes to council or regional management may see change to priority to maintain the development of the educational program	3
Species/Population			
	Sedimentation of waterways	Govt intervention should slow the pace of inputs. Removal may be challenging.	2
	Species interactions - natives V introduced	Engage and support research on this. Collaborate with manawhenua on research projects to build understanding of values & joint ownership of solutions.	2
	Ducks as pests/contributor to ecoli levels	Research and social messaging	3
	New incursions of pest fish species	Monitoring	3
	Increase in gamebird populations/increased crop predation.	Population monitoring for Mallards and Parries in place	3
	Cultural Harvest	Facilitate and encourage engagement with iwi & consideration to support legislative changes	3
Political			
	DOC advocacy positions	Strategic priority 22 - 27 to engage and support stakeholder groups and build relationships	3
	RMA review	Govt announced review of RMA, NES FW, and NPS FW. Continue to work closely with the government on environmental legislative reform, along with key stakeholders (such as GAC, EDS, F&B, Hunting and Fishing Influencers, Clubs etc), and Ministries (DOC, MPI, MfE).	2
	Wildlife Act Review	Engagement with DOC and GAC. Consider legislative changes, and build policy positions.	2
	Conservation Act Review	Engagement with DOC, GAC, and eNGO's	2
	F&G Legislative Review	Details to come. Will be essential to address cultural challenges across the organisation and to effectively implement F&G Organisational Strategy	1
	NPS -FM/NES implementation for wetlands and maimai's	Propose regulatory changes to enable the protection, enhancement, and establishment of wetlands in supporting the work of F&G, GBHT, and Hunters	3
	Relationship with DOC	Continue to build strong relationships with DOC.	3
	Treaty of Waitangi and our obligations	Strategic priority 22 - 27 to engage with iwi more regularly and meaningfully	2
Compliance and prosecutions			
	Perceptions about F&G prosecutions	Prosecution guidelines in place and regularly reviewed. Public interest test considered. Build and implement an infringement system.	2

Risk Register Hawkes Bay Fish & Game			as at 6 September 2024
Risk Type	Description	Mitigation	Risk Code
Environmental			
	Didymo, lake snow etc more pests	Assisting Biosecurity with messaging. Promotion of Check, clean,dry through our own publications	2
	Climate change - heat/flooding	Climate change research? Return of flows to rivers through plan changes	1
	Declining water quality and quantity	Pressure on regional councils plans and recording of complaints	1
	Biosecurity - fish and bird diseases	Monitoring and reporting of incidents and observations to BNZ	3
	Intensive land use/ urban sprawl - reduced access	Pressure on regional councils to monitor. Reporting on issues	2
	Gravel extraction/ river straightening/ willow problems	Regional councils global consent for river works up for renewal. F&G input with other stakeholders.	4
	Carbon Farming - Forestry in headwaters	National advocacy, supporting regional engagement with district plans	2
Contractors/third party risks			
	Contractors	Check values align. Annual work programmes from FOBC	4
	Rangers and Volunteers	NZCE working with National Compliance Coordinator to review current systems.	2
Health & Safety			
	Mental stability, stress, personal conflicts	Open door policy with Manager for raising issues. H&S manual covers identification of risk factors	2
	Fire and emergency	Regular fire drills, emergency contacts on list at office.	3
	Ranger Safety	Vetting and approval process	3
Product quality/value			
	Decreasing perception of value of trout and ducks	Trout/Ducks promoted as highly valued species through comms channels	2
	Reducing perception of value for money in licence	Communications plan to sell benefits. R3 plan to make people more successful. Ranging to check licences.	2
	Licence category choices	Review of licence categories initiated.	4
	Reduced access availability	Identification of public access points. Improved relationships with landowners	2

		Impact			
		Minor	Moderate	Major	Critical
Likelihood		Little or No Effect	Effects are Felt but Not Critical	Effects are significant	Effects are critical
Improbable	Unlikely to Occur	4	4	3	2
Possible	May Occur	4	3	2	1
Probable	Will Likely Occur	3	2	1	1
		Risk Key			
		4	Low		
		3	Moderate		
		2	High		
		1	Very High		

Fish and Game Conflicts of Interest Policy

HB Fish and Game Council Meeting
Tuesday 10th December 2024

Prepared by: Jane Hutchings, HR Business Partner

Kōrero taunaki - Summary of considerations

Purpose

The purpose of this paper is to review and update the Hawke's Bay Fish and Game Council (HBC) Conflicts of Interest Policy as recommended as part of the Ministerial Review, Recommendation (18): *HBFGC should adopt and implement a robust Conflicts of Interest policy which reflects good practice as set out in the Auditor General's 2020 Guidance.*

Financial considerations

Nil Budgetary provision Unbudgeted

Risk

Low Medium High Extreme

Ngā taunaki - Staff Recommendations

HBC Staff recommend the following motion:

That the Hawke's Bay Fish and Game Council:

1. Receive and note the contents of the Conflicts of Interest Policy paper.
2. Consider and discuss the draft Conflicts of Interest Policy as attached, ready for final approval at the December meeting.

Whakarāpopoto - Executive Summary

1. The 2021 Ministerial Review highlighted the need for Fish and Game to:

Recommendation (18): In particular, the Fish & Game Councils should adopt and implement a robust Conflicts of Interest policy which reflects good practice as set out in the Auditor General's 2020 Guidance.

Recommendation (19): The Conflicts of Interest policy should, in particular, provide for:

- a. Conflicts of Interest being a standing item on the FGC agendas;
- b. A programme of periodic audits of FGCs be conducted by the NZFGC; and
- c. Aspiring officeholders or applicants for senior staff positions be required to declare their interests prior to voting or appointment (in respect of officeholders these interests should be published as part of the information provided to electors).

Takenga mai - Background

2. The current Conflicts of Interest Policy is included in the Governance Policies, which are to be reviewed every three years with the Conflicts of Interest last updated in October 2012.
3. A previous review of Fish and Game policies in 2020 identified that a number of policies were out of date, no longer best practice or relevant and required a complete overhaul, and that clear distinction was required between operational policy and strategic policy.
4. In April 2021, it was resolved by NZC to defer the ongoing national policy review until the Ministerial Review had been released and implications understood. Following the Ministerial Review recommending that FGC adopt a full suite of governance and corporate policies, this review of the Conflicts of Interest Policy meets the Ministerial Review recommendations (17), (18) and (19) as indicated.

Kōrerorero - Discussion

5. The Auditor General's 2020 Guidance states, "*A conflicts of interest is a situation where the responsibilities you have in your work for a public organisation are affected by an interest or relationship you have in your private life.*" Managing the risks associated with conflicts of interest is an essential part of public sector decision-making. It sets out a [comprehensive guide on managing conflicts of interest](#) and a [one page summary](#) drawn from the guide.

Whai whakaaro ki ngā whakataunga - Considerations for decision-making

Financial Implications

6. There are no financial implications identified.

Legislative Implications

7. The Ministerial Review of F&G in 2021 included recommendation (17) The NZFGC to adopt a full suite of governance and corporate policies which are binding on itself and all FGCs. This included that the NZFGC should adopt and implement a robust Conflicts of Interest policy which reflects good practice as set out in the Auditor General's 2020 Guidance.

Section 4 Treaty Responsibilities

8. There are no Section 4 Treaty responsibilities to be considered as part of the Conflicts of Interest policy review.

Policy Implications

9. There are no policy implications for HBC regarding the Conflicts of Interest policy.

Risks and mitigations

10. There are currently risks associated with having out of date policy and as the Ministerial review has recommended the implementation of a robust Conflicts of Interest policy, this review of the policy is seen as a mechanism to mitigate that risk.

Consultation

11. As this is a HBC policy, there is no need to consult with other regions or NZC

Ngā mahinga e whai ake nei - Next actions

12. If adopted by HBC, the Conflicts of Interest Policy for HBC will be updated as reviewed as part of the policies review process with the next review to be undertaken in three years' time and policy schedule/record reflecting this.
13. The HBC Office will ensure the following steps as outlined in Recommendation (19) will also be provided for as part of the policy implementation process:
 - a. Conflicts of Interest being a standing item on the HBFGC agendas;
 - b. Aspiring officeholders or applicants for senior staff positions be required to declare their interests prior to voting or appointment (in respect of officeholders these interests should be published as part of the information provided to electors).



DRAFT CONFLICT OF INTEREST POLICY

Section	HBC Governance
Contact/Owner	HBC CEO
Last Review	December 2015 (In Governance Policies)
Next Review	December 2026
Approval	HBC 10 December 2024
Effective Date	

1. PURPOSE

The purpose of this policy is to protect the integrity and the reputation of the Hawke's Bay Fish and Game Council and its members.

Council is responsible for ensuring that all actual, perceived or potential conflicts of interest are handled appropriately, and this Policy sets out the procedures for the management of this

This Policy is binding on all Members of the Council.

2. Policy

- a. A Conflict of Interest arises in respect of a Matter when the Member can be shown to have actual bias or apparent bias.

For the purposes of this policy, "Matter" means:

- The Council's performance of its functions or exercise of its powers as set out in Part 5A of the Conservation Act 1987, subject to the Council's statutory purpose set out in section 26B(1) of the Conservation Act; or
 - An arrangement, agreement, or contract made or entered into, or proposed to be entered into, by the Council.
- b. A Member can be shown to have actual bias when a Member's decision or act in relation to a Matter could give rise to an expectation of financial gain or loss (that is more than trivial) to the Member (and/or to the Member's parent(s), child(ren), spouse, civil union partner, de facto partner, business partner(s), debtor(s) or creditor(s)).
- c. A Member can be shown to have apparent bias when a Member's official duties or responsibilities to the Council in relation to a Matter could reasonably be said to be affected by some other interest or duty that the Member has.

- d A Member's "interest or duty" includes the interests of that Member's parent(s), child(ren), spouse, civil union partner or de facto partner that may be affected by the matter at issue. It also includes the interests of a person with whom the Member has a close, personal relationship where there is a real danger of personal favouritism.
- e There is no Conflict of Interest where the Member's other interest or duty is so remote or insignificant that it cannot reasonably be regarded as likely to influence him or her in carrying out his or her responsibility.
- f Members of the Council are expected to have read and be familiar with the Office of the Auditor General's publication Managing Conflicts of Interest: Guidance for Public Entities (2007).
- g Each Member of the Council, as soon as practicable after election to the Council, must be provided with a copy of this Policy and must confirm in writing that they have read and understood it and they will comply with its requirements.
- h Conflicts of Interest will be a standing item on the Council agenda
- l Aspiring office holders will be required to declare any Conflicts of Interest before appointment.

2. POTENTIAL CONFLICT OF INTEREST

- a. For the purposes of these Governance Policies, a Potential Conflict of Interest arises when:
 - There is a realistic connection between the Member's private interest(s) and the interest(s) of the Council;
 - The Member's other interest could specifically affect, or be affected by, the actions of the Council in relation to a Matter;
 - A fair-minded lay observer might reasonably consider that the Member's private interest or duty may influence or motivate the actions of the Member in relation to a Matter; and
 - There is a risk that the situation could undermine public trust and confidence in the Member or the Council.

3. DISCLOSURE PROCESS

- a. A Member with a Conflict of Interest or a Potential Conflict of Interest must identify the conflict and disclose it to the Council in a timely and effective manner. The Member must disclose:
 - The nature of the interest and the monetary value of the interest (if the monetary value can be quantified); and/or
 - The nature and extent of the interest (if a monetary value cannot be quantified).
- b. If a Member is uncertain of whether there is any Conflict of Interest or Potential Conflict of Interest, the Member should disclose it to the Council as a Potential Conflict of Interest for consideration by the Council.
- c. The disclosure of any conflict must be recorded in the minutes and entered in a separate interests register.

When the conflict has been identified, the Council must determine how that conflict

4. DEALING WITH THE CONFLICT OF INTEREST

- a. When a Conflict of Interest arises in respect of a Matter, the affected Member:
Must promptly declare a direct or indirect conflict at the Council meeting, other than any interest that they hold

in common with the public

Will be excluded from discussions regarding the Matter (including not being in the same room when the Matter is discussed);

Will not vote on issues related to the Matter;

Will not receive papers or any other information on the Matter; and

Will not discuss the Matter with other Members.

b. Members may be asked at any time to complete and sign a Material Interest Declaration (attached)

5. DEALING WITH A POTENTIAL CONFLICT OF INTEREST

a. Where there is a Potential Conflict of Interest, the Council (excluding the affected Member) will determine an appropriate course of action, which may include the following:

- Applying some or all of the Actions applied to a Member with a Conflict of Interest (set out at 4);
- Sending a written explanation to stakeholders, members and licence holders outlining why there is no legal conflict of interest; and/or
- Monitoring the Matter to determine whether at any point the Matter changes such that there is a Conflict of Interest.

b. In determining the appropriate course of action, the Council will have regard to:

- The type or size of the Member's other interest;
- The nature or significance of the relevant Matter; and
- The extent to which the situation could undermine public trust and confidence in the Member or the Council.

c. The Member will be given the opportunity to be heard by the Council on the points in 5.a and 5.b and the Member's submissions will be taken into consideration by the Council.

d. If a Member is concerned that another Member has an actual, perceived or potential conflict of interest:

- the concerned Member must inform the Chair of all material facts at the earliest reasonable opportunity;
- the Chair will report that concern to the next meeting of the Council;
- the concern will be recorded in the minutes of the meeting;
- the Council will determine the appropriate further steps to be taken.

(Members are reminded that invoking this Policy for their own strategic or political purposes, rather than to uphold the integrity of the HBC, would be contrary to the Governance Policies and their duties as members)

6. PREDETERMINATION

A conflict of interest may arise when a Member has strong views about matter that create a risk of bias, prejudice, or predetermination that is inconsistent with performing his or her duties to the NZ Council in an impartial, objective and independent manner. Members must not approach NZ Council decisions with a closed mind but rather be willing to consider fairly all relevant information and arguments.

If the Member's approach to a Matter is likely to be predetermined, they will be excluded from participating in the Matter in the manner set out in 4.

7. REGISTER OF INTERESTS

The Chief Executive is responsible for maintaining a Register of Interests. This must record:

- The date on which the interest is declared or identified;
- The name of the Member of the Council having the relevant interest;
- The relationship between the Member of Council and the person holding the relevant interest(if relevant); and
- A reference to action taken

- **DOCUMENT MANAGEMENT CONTROL**

Prepared by: Jane Hutchings, HR Business Partner
Owned by: NZC/NZC CEO
Authorised by: Hawke's Bay Fish and Game Council
Date Issued (for Consultation): N/A
Next Review: August 2026

Schedule to Conflicts of Interest Policy
Material Interests Declaration

Name: _____

Member of Council

Staff

My current occupation (other than with HBFGC):

Directorships and trusteeships held by me (or my immediate family) which could be considered relevant to HBFGC

Shareholdings in publicly listed companies held by me (or my immediate family) which could be considered relevant to HBFGC activities:

Shareholding in private companies (if greater than 5% of issued shares) held by me (or my immediate family) which could be considered relevant to HBFGC activities:

My property interests within Hawke's Bay Fish & Game Region which could be considered relevant to HBFGC activities:

My involvement in community organisations within Hawke's Bay Fish & Game Region, or which could be considered relevant to HBFGC activities:

I declare that the above disclosures are true and complete record of my interest and the interests of my immediate family in accordance with the HBFGC Conflict of Interests Policy

Signature

Date



Date 5 November 2024

Dear Hawke's Bay Fish & Game Council

Election as a member of the Hawkes Bay Fish and Game Council

Congratulations on being elected as a councillor for the Hawke's Bay Fish and Game Council.

This letter sets out the expectations of Councillors. It should be read in conjunction with the relevant provisions of the Conservation Act 1987 and the Council's own governance documentation, which will be provided to you as part of the new Council's induction.

Duration of Service

Your membership in the Hawke's Bay Fish and Game Council (HBFGC) commenced on 30 October 2024. Your obligation is to act in the best interests of the HBFGC and the wider organisation.

You may resign from the HBFGC at any time by giving notice to the Minister for Hunting and Fishing and the Chair of the HBFGC.

Role of the Council

The Council is responsible for representing the interests of Hawkes Bay anglers and hunters and providing coordination for the management, enhancement, and maintenance of sports fish and game. (Conservation Act s26P).

Its specific functions include:

- to assess and monitor sports fish and game populations; and the success rate and degree of satisfaction of users of the sports fish and game resource; and the condition and trend of ecosystems as habitats for sports fish and game:
- to maintain and improve the sports fish and game resource by maintaining and improving access; and by maintaining the hatchery and breeding programmes where required for stocking or restocking the sports fisheries and game habitat; and by formulating and recommending to the New Zealand Fish and Game Council conditions for fishing and game seasons; and by ensuring that there are sufficient resources to enforce fishing and hunting season conditions; and by undertaking such works as may be necessary to maintain and enhance the habitat of sports fish and game.



- to promote and educate by defining and promoting ethical standards of behaviour to be followed by anglers and hunters; and by promoting recreation based on sports fish and game; and by keeping anglers and hunters informed on matters affecting their interests;
- to assess the costs attributable to the management of sports fish and game, and to develop and recommend to the New Zealand Fish and Game Council appropriate licence fees to recover costs and game bird habitat stamp fees; and
- to represent the region's interests with the New Zealand Fish and Game Council (NZC): in the determination and distribution of levies on licences and
- to formulate and adopt an annual operational work plan; and to prepare draft sports fish and game management plans; and to identify and recommend to NZC the region's sports fish and game requirements for research; and to implement national policy determined by the NZC; and to liaise with local Conservation Boards; and to advocate the interests of the Council, including its interests in habitats:
- to issue licences to hunt or kill fish and game.

Expectations of Council members

Council members are expected to carry out their duties at all times in accordance with all legal requirements and accepted standards of good corporate governance. All Council members have the same legal responsibilities. At the first meeting of the HBFGC, council members as a whole will select a member as Chair of the Council.

Council decisions are taken collectively, objectively and in the best interests of HBFGC.

HBFGC members are expected to exercise independent judgment with respect to the decisions to be made by the HBFGC.

Once made, decisions are binding on all members of the Council and the Council 'speaks with one voice' on the matter.

Regarding its role, the HBFGC *governs* the affairs of Hawkes Bay Fish and Game and the management of the business and delegates the day-to-day conduct of its affairs to the regional Manager

Each member of the HBFGC is expected to support the Council in, for example:

- Ensuring goals are clearly established and strategies are in place for achieving them,
- Establishing policies consistent with goals and strategies and coordination of HBFGC organisational activities and interests generally,
- The continual strengthening of the performance of the organisation through quality science, innovation, technology and quality management,
- Ensuring that adequate resources are in place to implement strategies, policies and priorities and maintain legal compliance,
- Ensuring HBFGC's financial statements are true and fair and conform with the law,



- Ensuring HBFGC adheres to high standards of good employer legislation, ethics and corporate behaviour,
- Ensuring HBFGC has appropriate risk management/regulatory compliance policies in place
- Ensuring Health, Safety and Wellness policies are implemented in a manner that meets legislative standards as a minimum

Council Meetings and Time Commitments

The Council must hold at least six meetings per year, but typically it schedules meetings on a two-monthly cycle. Meetings are usually held at the Game Park, 22 Burness Road. The Council may also convene video meetings or hold additional face-to-face meetings as required. Council workloads and travel logistics for Council members mean that scheduled meetings are normally Tuesday evenings. So far as possible, meetings and other commitments are scheduled to minimise the amount of time members may be required to be absent from their place of employment.

Any meeting absences must be approved by the Council Chair.

Meeting materials usually become available 8 working days in advance via BoardPro, and paper copies which will be mailed to you.

Because there will be times when discussions and decisions are necessarily made via email, and/or telephone or video meetings. Council meeting materials and other resources are increasingly only available online in electronic form. It is important, therefore, that Council members are conversant with and have access to appropriate technology. Training and support will be available to ensure members are competent in using the software associated with Council meetings and the retrieval of the papers and reports involved, including archival material.

In addition to the routine Council meetings, you should allow time for meeting preparation and related travel. You may be invited to participate in committee and/or working group meetings. Naturally, you are expected to have read the Council papers and related material for all meetings and come well-prepared and able and willing to contribute to open debate. Honesty, integrity, and open-mindedness are essential for the HBC to function effectively.

By accepting this appointment, you confirm that:

- you can allocate enough time to meet these expectations,
- that you are aware of your responsibilities as a member of the Hawkes Bay Fish and Game Council and
- that you will be able to discharge them to the expected level.

Volunteer Role

This is a volunteer position, and as such, no fees are payable. For any expenses you expect to incur, you should seek the advice of the Regional Manager regarding the possibility of you claiming them from Fish



& Game. The prior approval of the Chair should be sought in unusual situations. Authorised expense claims must be submitted with proof of expenditure.

Council Evaluation processes and professional development

From time to time, recognising the serious responsibilities involved in the governance process and in the interests of continuous improvement of the Council's governance effectiveness, Council members will be expected to contribute to reviews of Council performance.

When agreed, this may also extend to gathering feedback to inform and support the professional development of individual Council members. In this regard, Council members are encouraged to join relevant professional bodies such as the Institute of Directors and The Chartered Governance Institute NZ. The [Community Governance](#) organisation is also a source of support for those new to a governance role. Fish & Game will also make governance training and support available from time to time.

If there are matters which cause you concern about your role you should discuss them with the Chair of the Council as soon as appropriate.

Outside Business and other Interests

Disclosure of interests that may be perceived at times to conflict with those of HBFGC is a continuing obligation. A Register of Interests will be tabled at each Council meeting. If you consider that an item on any Council meeting's agenda or in the business activity of the organisation might materially conflict with any of your other interests, you are responsible for immediately informing the Chair who will consider how this conflict is best managed.

Please ensure that you provide any updates to your interests promptly and in writing to the Regional Manager.

Interests that are in continuous conflict with Fish and Game's business or are periodic of such a scale as to make them irreconcilable with Fish and Games' interests and/or that materially interfere with your performance as a council member may call into question your continued membership of the Council.

Confidentiality

During your term as a Council member, you will have access to and be entrusted with confidential information and other private information relating to HBFGC business.

As a member of the HBFGC you agree not to (except as expressly authorised or required by the HBFGC) divulge, pass on or otherwise make available directly or indirectly any confidential information to any other person, firm or corporation at any time during your term as a Council member or at any time after your term ends. At times a confidentiality requirement may also extend to other Fish & Game Councils.



You agree not to (except with the express written consent of HBFGC) use, apply or otherwise exploit the benefit of any HBFGC confidential information or HBFGC documentation for personal gain or advantage or for the gain or advantage of any other person, firm or corporation.

The rights and interests of the confidential information (including intellectual property) always belong to HBFGC. You do not have any right or interest in confidential information at any time during your term as a Council member or at any time thereafter.

Insurance and Indemnity

HBFG will provide Councillors' and officers' liability insurance and to the extent permissible under law, indemnify you from and against all actions, claims and demands brought against you by any third party relating to your performance, provided that your actions were in good faith and did not involve recklessness, wilful neglect or any wilful failure to carry out a lawful instruction from Fish and Game

We look forward to working with you. Please sign this letter and return a copy to the Fish and Game New Zealand CEO. Thank you in anticipation

A handwritten signature in blue ink, appearing to read 'Corina Jordan', on a light grey rectangular background.

Corina Jordan
Acting Regional Manager
Hawkes Bay Fish and Game



Councillor Affirmations:

Councillor	Signature	Date
Bruce Bates		
Gary Bowcock		
Peter Coles		
Greg Duley		
Steve Evans		
Karl Goodchild		
Dan Jones		
Henry Melville		
Glenn Morgan		
Jeff Niblett		
Blair Slavin		
Callum Slavin		



Competencies and Capabilities Needed as an HBFGC Councillor

Strategic – the ability to understand and review strategy;

Legal – the Council’s responsibility involves overseeing compliance with numerous legislation as well as understanding an individual councillor’s legal duties and responsibilities;

Risk management – experience in managing areas of major risk to the organisation;

Managing people and achieving change – Ability to support the management of HBFGC and support any changes required to further enhance the achievement of strategy.

Personal qualities of a Council Member

While different Councillors can bring different technical skills and knowledge to a Council, there are personal qualities that are desirable in all Councillors:

Integrity – fulfilling a councillor’s duties and responsibilities, putting the organisation’s interests before personal interests, acting ethically. You must have complete integrity;

Curiosity and courage – a councillor must have the curiosity to ask questions and the courage to persist in asking or to challenge management and fellow Council members where necessary. You must be open-minded;

Interpersonal skills – a councillor must work well in a group, listen well, be tactful but able to communicate their point of view frankly. You must be open;

Genuine interest – in Fish & Game and its business;

Instinct – good business instincts and acumen, ability to get to the crux of the issue quickly;

An active contributor – there is no room on Councils for those who do not contribute- this includes listening as well as talking.

2025 Game Bird Regulation.**Hawke's Bay Fish and Game Council Meeting
Tuesday, December 10 2024**

Prepared by: John Lumsden

Kōrero taunaki - Summary of considerations**Purpose**

1. This report to the Hawkes Bay Fish and Game Council seeks council approval to consult on proposed Game Bird Regulation changes for the 2025 Game bird hunting season and initiate the feedback process from interested groups.

Financial Considerations

- Nil Budgetary provision Unbudgeted

Risk

- Low Medium High Extreme

Ngā taunaki – HBFGC Manager Recommendations

2. The HBFGC Manager recommends that the Hawkes Bay Fish and Game Council:
 - a. Receive the information.
 - b. Approve/Not Approve public consultation on:
 - i. Aligning the pukeko season with the mallard season dates
 - c. Approve/Not Approve public consultation on:
 - i. Increasing the daily bag limit on black swans from 3 to 5 birds per day
 - d. Approve/Not Approve public consultation on:
 - i. Extending shooting hours to 6.30 pm

Whakarāpopoto - Executive Summary

1. Staff recommends that the HBFGC consult on aligning the pukeko season with the mallard season length.
2. Staff recommend that the HBFGC consult on a new black swan daily bag limit of 5 birds a day.
3. Staff recommend that the HBFGC consult on a new proposed close of shooting time up to 6.30 pm.
4. The Council will have a further opportunity to consider feedback on the proposed changes to the 2025 Game Bird Regulations at the 20 January 2025 Council Meeting.

Takenga mai – Background

5. Fish and Game have a statutory responsibility, under the Conservation Act 1987 26Q, to manage and maintain our game bird populations.

Conservation Act 1987 Q26 Functions of Fish and Game Councils:

(1) *The functions of each Fish and Game Council shall be to manage, maintain, and enhance the sports fish and game resource in the recreational interests of anglers and hunters,*

6. Regional Fish & Game Councils must recommend game bird season regulations and conditions to the Minister for Hunting and Fishing by 24 January 2025.
7. These recommendations must be based on sound evidence and licence-holder engagement. *Appendix One has the production schedule for game bird regulations for reference.*
8. Staff recommend that the HBFGC consult on a new black swan daily bag limit of 5 birds a day.
9. Staff recommends that the HBFGC consult on aligning the pukeko season with the mallard season length with a 10-bird-per-day bag limit.
10. *Appendix 2 summarises the Hawkes Bay Fish & Game Council game bird season conditions for 2024.*
11. Population trends are monitored via the game bird hunter harvest survey and game bird monitoring program before each game bird season.
12. Based on this information and feedback from licence holders and Iwi (in relation to indigenous game bird species), the Hawkes Bay Fish and Game Council proposes bag limits and season length conditions for that season's Game Bird Regulations to the Minister for Hunting and Fishing.
13. Of note is that the next aerial game bird surveys are due to be undertaken in early 2025. Given the tight timeframes by which to propose Hawkes Bay Fish & Game season conditions to the Minister, the Hawkes Bay Fish & Game Council needs to consult on proposed game bird season regulations now, ahead of the early 2025 surveys.

Kōrerorero – Discussion

14. Game bird regulations need to be set to maximise hunter opportunity whilst limiting the likelihood of over-harvest, and where necessary, be used as a tool to reduce nuisance impacts.
15. Populations and their distribution are affected by weather conditions, farming practices, culling under permits to disturb, disease, food/ habitat availability, and hunter harvest.
16. The setting of season conditions should aim to sustainably manage game bird populations so that they can sustain harvest while managing nuisance events and with a mind to maintaining or building hunters' social licence.
17. **Mallard, grey duck and pūtangitangi/paradise shelduck limits** - Staff recommend no change to the 2024 season regulations as the population levels are still in the intermediate classification. **Please see the attached Appendix.**
18. **Kuruwhengi/shoveler duck bag limits** – The national shoveler census completed on 5 August 2024 showed a relatively stable Hawkes Bay population; nationally, the surveyed population remains stable with 155 fewer birds (0.01% change) counted across the country this year (2024 n=12,359 vs. 2023 n=12,514).
19. Staff recommend no change to the 2024 season regulations of a two-bird limit as the population levels are still in the intermediate classification. **Please see appendices HB and National graphs and 2024 Shoveler census report**

20. Staff have identified two game bird populations, pukeko and black swan, in the Hawkes Bay Region that could potentially cause additional challenges when considering regulation setting.
21. Staff request that the Council consider specific changes to the game bird conditions for pukeko and black swan.
22. **Pukeko** – We actively encourage our local shooters to hunt pukeko during their current four-month upland game bird season.
23. Given the nature of horticultural operations in Hawkes Bay, hunting pukeko under the Open Season for Game Notice is not always possible due to the close proximity of neighbours.
24. HBFGC can issue permits to disturb in specific areas using methods other than shooting with a shotgun in flight, during the game bird season.
25. These would be issued under our delegated authority (section 53 of the Wildlife Act 1953) from the Director General of Conservation.
26. Our hunter-harvest survey data indicates that pukeko harvest numbers have remained relatively static over the last ten years.
27. Also, an additional option is to increase the bag limit to 10 birds per day and align the season length with the mallard season.
28. Staff have started a Pukeko monitoring program using driven transects over various mixed sites through Hawkes Bay.
29. This program assesses the overall population health and identifies areas where Pukeko populations may be concentrated, resulting in nuisance impacts
30. **Kakīānau/black swan** – Staff have a potential issue with large numbers of black swans around Lake Poukawa, with peak numbers estimated at 5000 to 7000 on the lake and surrounding cropping and farmed land in May/ June 2024.
31. A large grower had organised shoots by licenced hunters during the 2024 game bird season, with small goods produced from the harvested meat donated to a local marae.
32. The aim was to reduce the need to issue permits to disturb and utilise the harvested swan meat and minimise the risks to social licence that may occur if they were simply culled outside the game season.
33. A small cultural harvest of swan eggs was also trialed.
34. It should be noted that if some of these additional 5000+ Black Swan were included in the annual Hawkes Bay black swan count, our regional total would have exceeded our agreed threshold of greater than 3000, and our season conditions would automatically have been classed as relaxed with a 5 bird, 8-week season.
35. Our hunter-harvest survey data indicates that black swan harvest numbers have remained relatively static over the last ten years – roughly around the 1000-1200 birds harvested annually.
36. A drone-based count program commenced in November 2024 to monitor swan numbers in the Lake Poukawa area, complementing the annual aerial counts.
37. This is to provide a more nuanced assessment of population size and distributions, along with seasonal fluctuations.
38. The counts from the November 2024 monitoring showed a low number compared to those observed in May/ June when all the surrounding farmed land was either in new grass, chicory or grain crop stubble.

39. Most of the surrounding farmed land currently has bare cultivated paddocks, young maize, or dead sprayed grass awaiting cultivation. The conditions are dry with minimal ephemeral water.
40. We expect that once new grass is planted and autumn rain comes, this area will again show surprisingly high numbers of swans.
41. This indicates that the black swan population in the area is mobile, and their residency on Lake Poukawa is dependent on the food available to them.
42. Allowing a higher daily bag limit for black swans during the game bird season may lead to concerns of overharvest if the occupier runs large, coordinated shoots with a high daily bag limit.
43. However, Considering the low annual harvest of black swans in the region, this should not significantly impact the Hawkes Bay black swan population.
44. If needed, a permit to disturb during the shooting season allows for an increased harvest.
45. The maximum permissible number of birds on a permit to disturb is 99 birds (Over 100 birds require special authorisation and consultation).
46. **Pheasant and Quail Game season conditions** – staff recommend the same conditions as the 2024 season.
47. It is noted that some of the upland game bird hunter survey results showed bias due to the inclusion of birds shot on preserves and additional erroneous results – we have done our best to correct these. *Please see the attached appendices for the game bird harvest results.*
48. **Shooting times** – The council has had much feedback from hunters over recent years from shooters complaining about having to stop shooting at 6.00 pm when, in the early part of the season, it is “still broad daylight”.
49. A review of historical game season conditions shows the Hawkes Bay region has had a stop shooting time of 6.30 pm previously but had amended it to 6.00 pm.
50. This was due to fears that hunters may be unable to identify their target positively.
51. Of note, the [NZ Daylight Tables](#) indicate that it would still legally be daylight at these times at the start of the season when most hunting occurs.

Ngā kōwhiringa – Options

Proposed Season conditions for the 2025 game season

SECOND SCHEDULE:

HAWKE’S BAY FISH AND GAME REGION

Game That May be Hunted or Killed—Duration of 2025 Season

Species	Season Duration (dates inclusive)	Daily Bag Limit	Hunting Area
Mallard/grey duck	3 May to 29 June 2025	8	All areas

NZ Shoveler duck	3 May to 29 June 2025	2	All areas
Paradise shelduck	3 May to 29 June 2025	8*	All areas
Pukeko	3 May to 29 June 2025	10*NB1	All areas
Black swan	3 May to 29 June 2025	5*NB2	All areas
Brown quail	Closed season	0	All areas
California quail	3 May to 31 Aug 2025	10	All areas
Cock pheasant	3 May to 31 Aug 2025	2	All areas

2. Shooting Hours

6.15 am to 6.15 pm. *NB3

*NB1 – Season length alignment

*NB2 - Bag limits increase.

*NB3 - proposed change to close of shooting time from 6.00 pm to 6.15 or 6.30 pm following consultation.

Whai whakaaro ki ngā whakataunga - Considerations for decision-making

Financial Implications

52. All Fish and Game regions are reliant on the sale of licences to generate revenue, this revenue is vital for the management and maintenance of game bird populations.

Legislative Implications

Statutory Considerations

53. The game season conditions are constrained by the Wildlife Act 1953 and Wildlife Regulations 1955 to address the following:

- a. An open season is to be declared;
- b. The sex and species of game to be hunted;
- c. The number of decoys that may be used;
- d. Decoys to be artificial and anchored;
- e. The number of game that may be taken by a person on a day;
- f. Other conditions as the Council may see fit;
- g. Type of shotgun and magazine size of shotguns;
- h. Timing and placement of food as bait for attracting waterfowl;
- i. Use of camouflaged boats, power boats, vehicles and aircraft;
- j. Use of lights for hunting game;
- k. Hunting stand claim (pegging) provisions.

Section 4 Treaty Responsibilities

54. Local iwi have expressed concerns over the black swan numbers on Lake Poukawa and HBFGC has also facilitated a black swan egg harvest.

Policy Implications

55. This fits within our current policy

Risks and mitigations

56. Staff recommend increasing the acceptable harvest of black swans during the shooting season. Harvesting or “disturbing” black swan out of season on surrounding properties is likely to be seen as a cull, with a high chance of negative media coverage.

Consultation

57. Following the council's decision above, an invitation for feedback from hunters and hunting clubs will be emailed to all licence holders.
58. The feedback from the consultation will be collated so the Council can finalise its recommendation to the Minister for Hunting and Fishing.

Ngā mahinga e whai ake nei - Next actions

59. If agreed upon, consultation will begin before the end of 2024.

Appendix 1

Production Schedule for regulations

Date	Action
13 December 2024	Notice and regulation guide content should be sent to regions by NZC
24 th January	Regional Fish & Game Councils must update the above document (if your meeting is not until after this date, please update the document with the conditions being recommended to the Council and then confirm once the Council has decided).
3 rd February	Draft Notice & submission to DOC for comment
10 th February	Draft Notice to NZ Gazette Office
17 th February	Notice & submission to MFHF. No further changes from regions after this date
3 rd March approximately	Notice approved & signed by MFHF and Gazette notice published

Appendix 2

2024 Game Bird Regulations for Reference

Grey/Mallard Duck	4 th May to 30 th June	8	All Areas
NZ Shoveler Duck	4 th May to 30 th June	2	All Areas
Paradise Shelduck	4 th May to 30 th June	8	All Areas
Pūkeko	4 th May to 25 th August	10	All Areas
Black Swan	4 th May to 30 th June	3	All Areas
Brown Quail	Closed Season	0	All Areas
California quail	4 th May to 25 th August	10	All Areas
Cock Pheasant	4 th May to 25 th August	2	All Areas

Appendix 3

Thresholds for setting black swan and paradise shelduck game season conditions of Bag Limit and Season length

Table 1 Season regulations as a function of constraint, according to the annual population trend in Hawke's Bay.

LONG TERM TREND	CONSTRAINT
Negative, i.e. population declining	Restricted
Zero i.e. population stable	Intermediate
Positive i.e. population growing.	Relaxed

Table 2 Hawke's Bay paradise shelduck season conditions

SEASON	APPROPRIATE SEASON DURATION AND BAG LIMIT
Restricted	Restrictive season conditions, A 4-bird limit with the season length the same as the mallard.
Intermediate	Intermediate conditions, season length the same as the mallard & a 8 -bird limit.
Relaxed	Relaxed conditions, season length the same as the mallard & a 12-bird limit.

Table 3 Season regulations as a function of constraint, according to the annual black swan population trend in Hawke's Bay.

SEASON	APPROPRIATE SEASON DURATION AND BAG LIMIT.
Restricted	Restrictive season conditions, closed season.
Intermediate	Intermediate season conditions, A 3-bird limit, with the season length the same as the mallard.
Relaxed	Relaxed conditions, 8-week season with a 5-bird limit.

Table 4 Hawke's Bay black swan threshold levels

POPULATION SIZE	TREND	SEASON CONDITIONS
Low (below 1,000)	Negative	Restricted
Low (below 1,000)	Zero	Restricted
Low (below 1,000)	Positive	Restricted
Moderate (between 1,000 and 3,000)	Negative	Intermediate

Moderate (between 1,000 and 3,000)	Zero	Intermediate
Moderate (between 1,000 and 3,000)	Positive	Relaxed
Greater than 3,000	Negative	Relaxed
Greater than 3,000	Zero	Relaxed
Greater than 3,000	Positive	Relaxed

Appendix 4 – Please see attached.

Hunter Harvest graphs – Black swan, pukeko and pheasant 2024 Totals amended from initial drafts sent out by Mathew McDougall due to errors in source data.

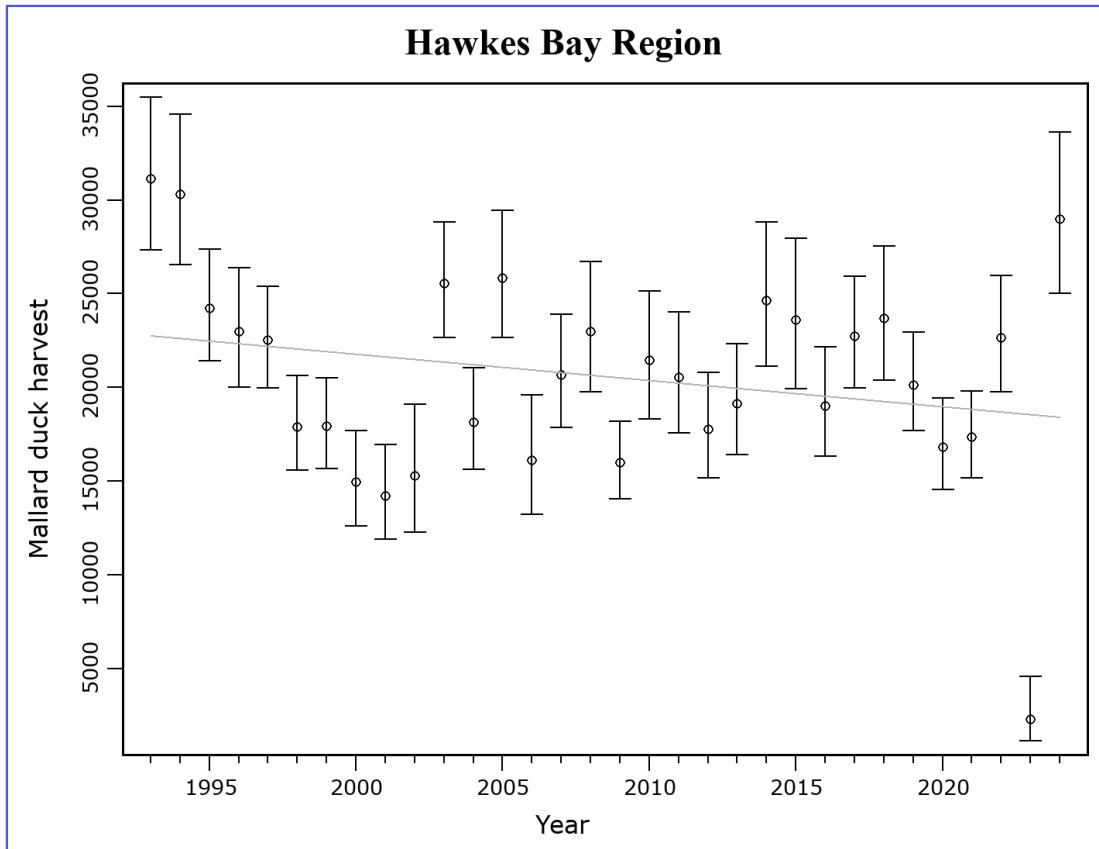
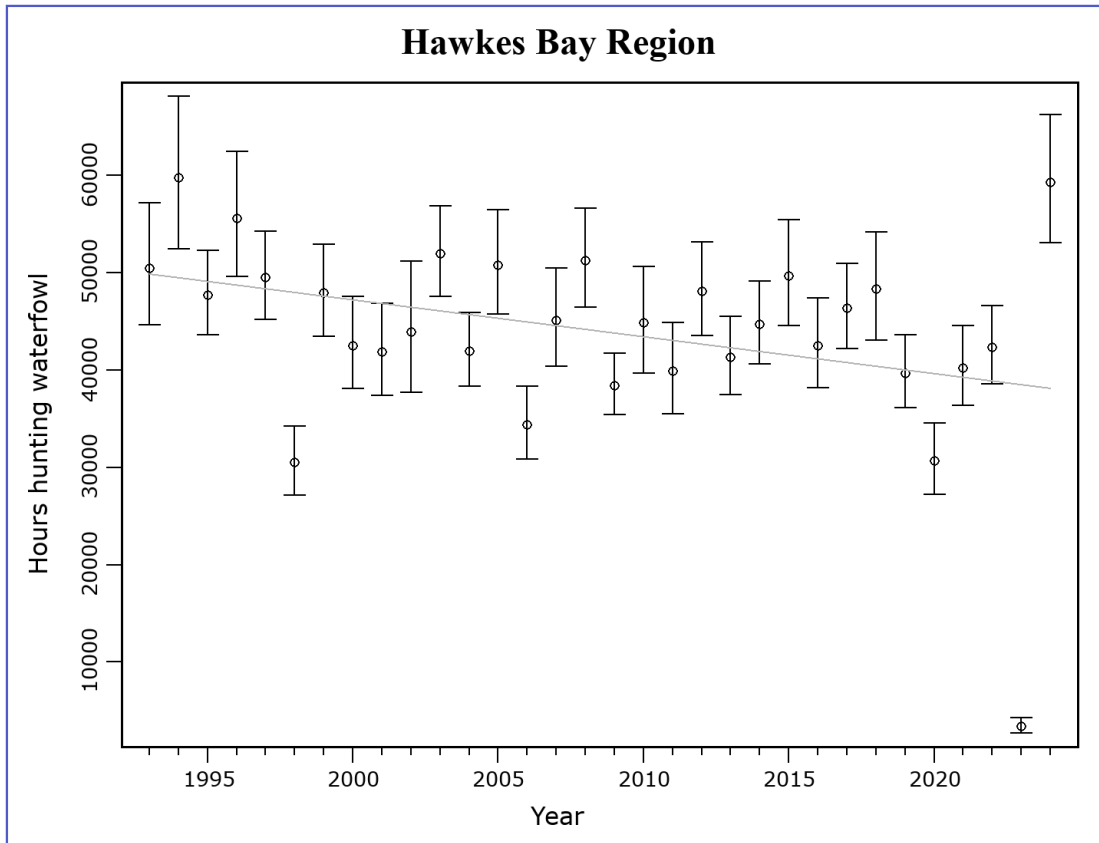
Appendix 5 – Please see attached

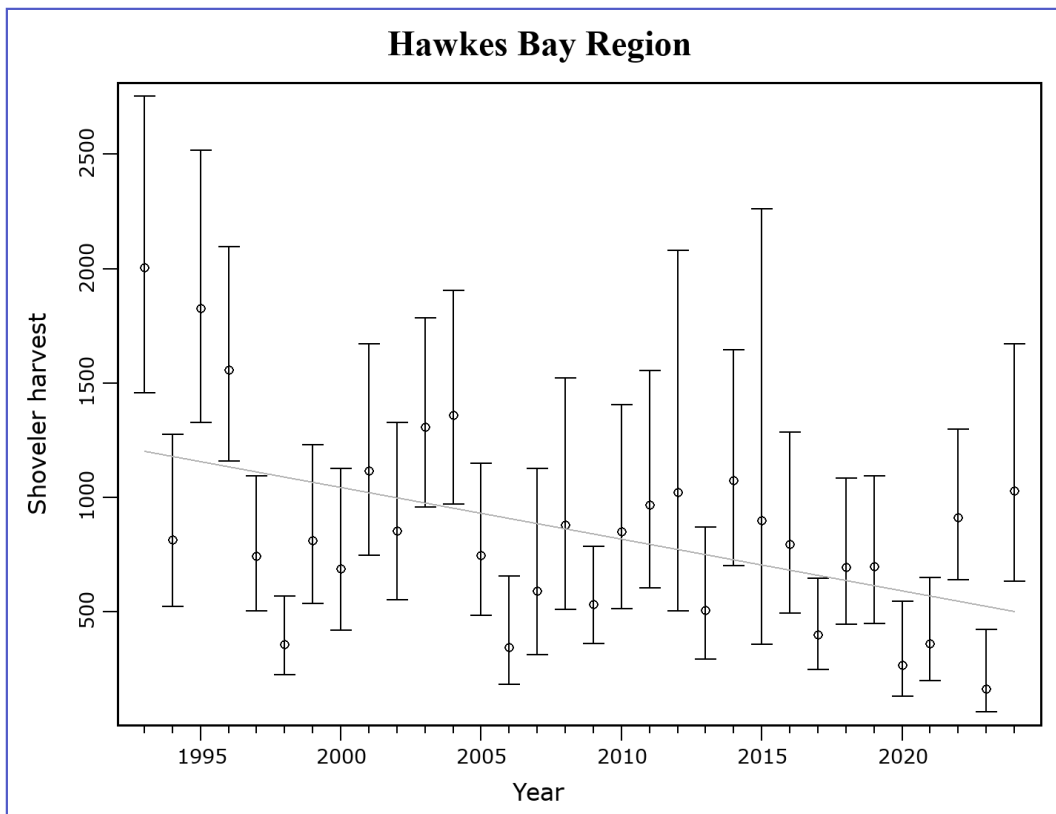
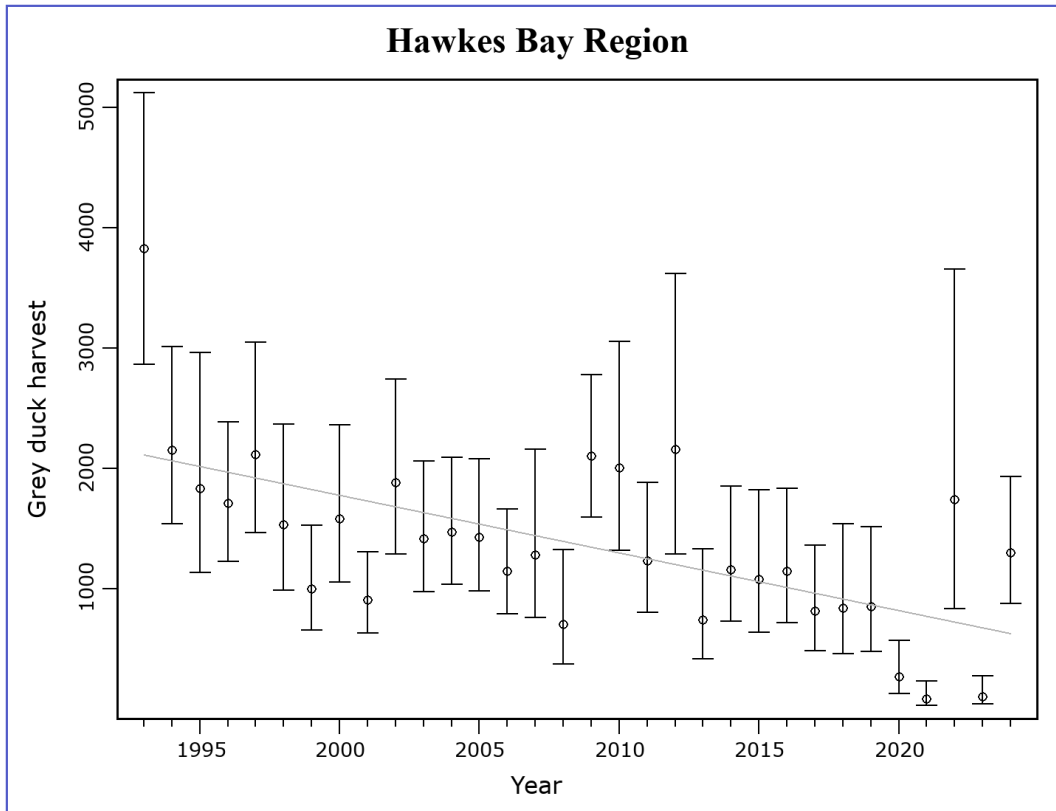
Annual black swan, paradise and shoveler population counts.

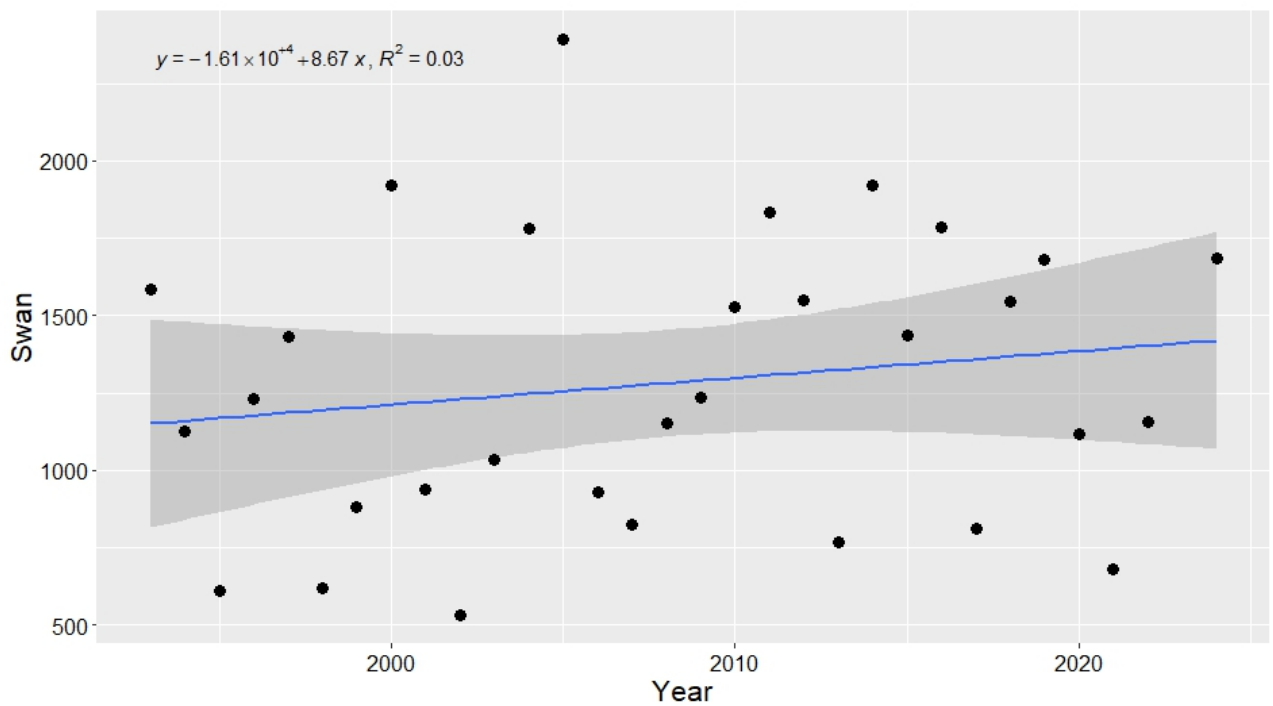
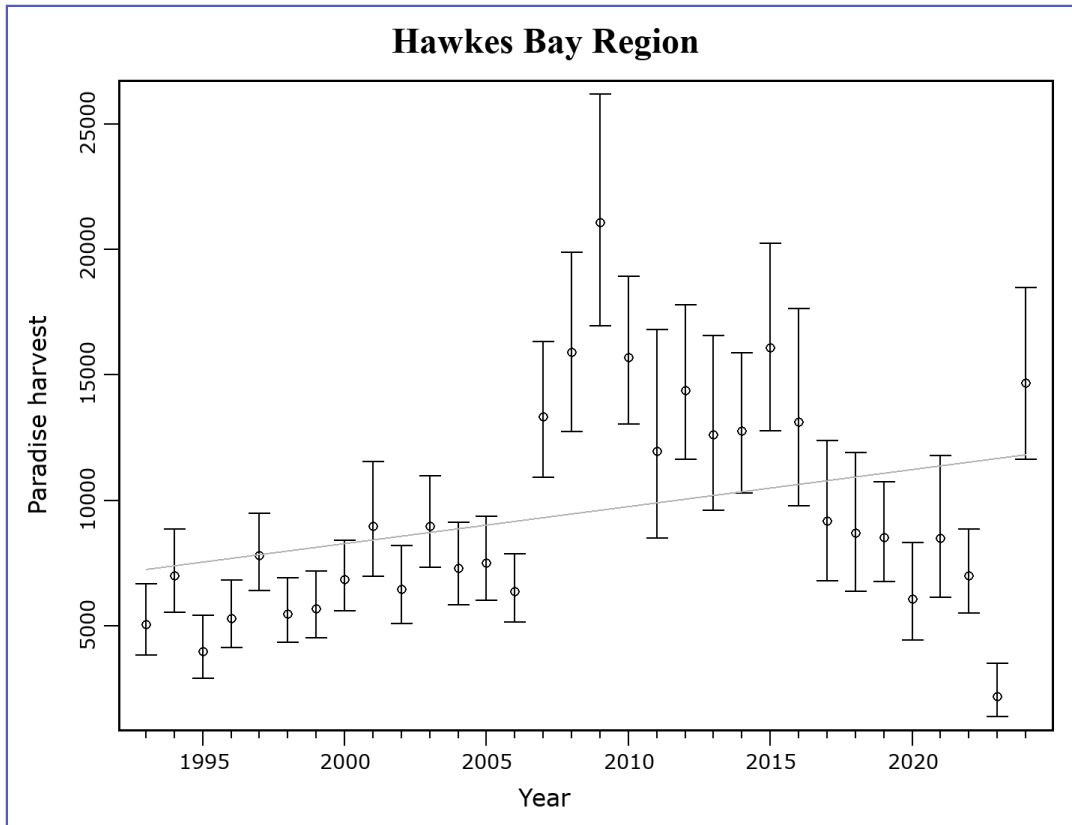
Historical Annual Hawkes Bay aerial black swan and paradise shelduck counts, plus annual shoveler counts – Hawkes Bay and National

Appendix 6 - Please see attached

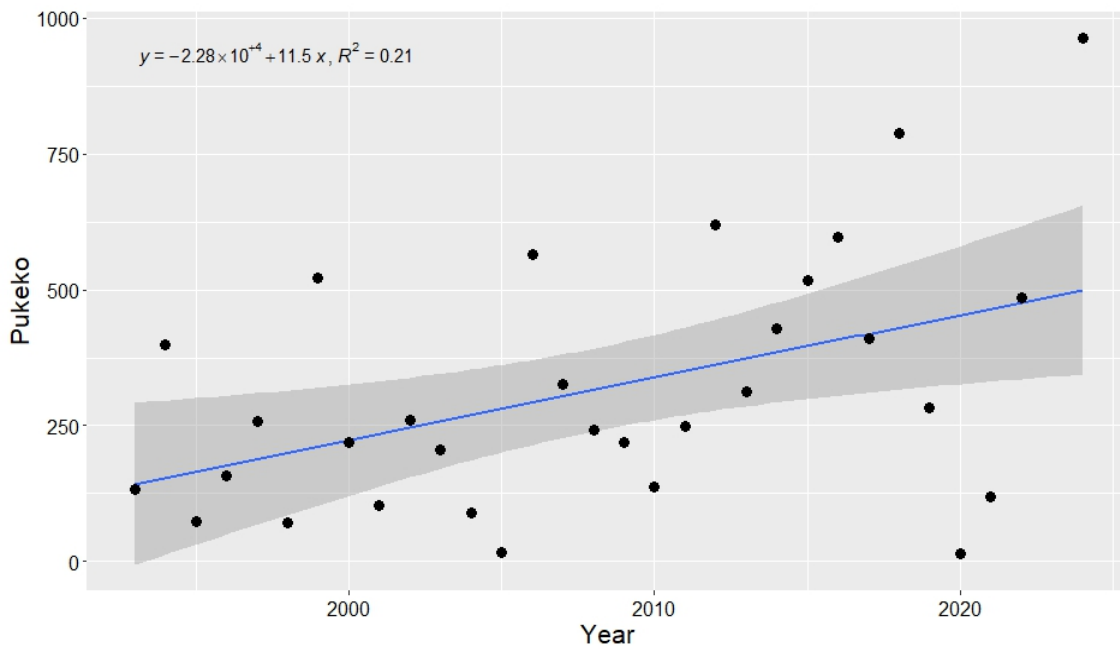
2024 Shoveler Census Report x



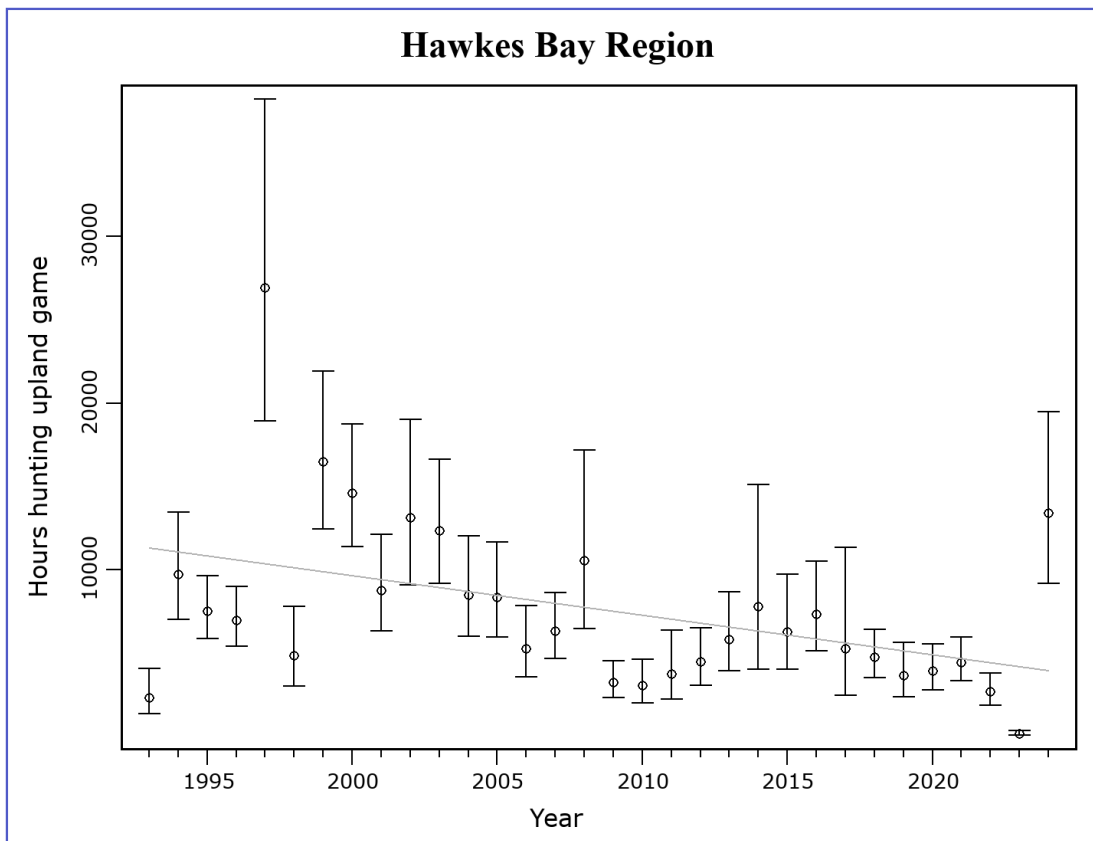


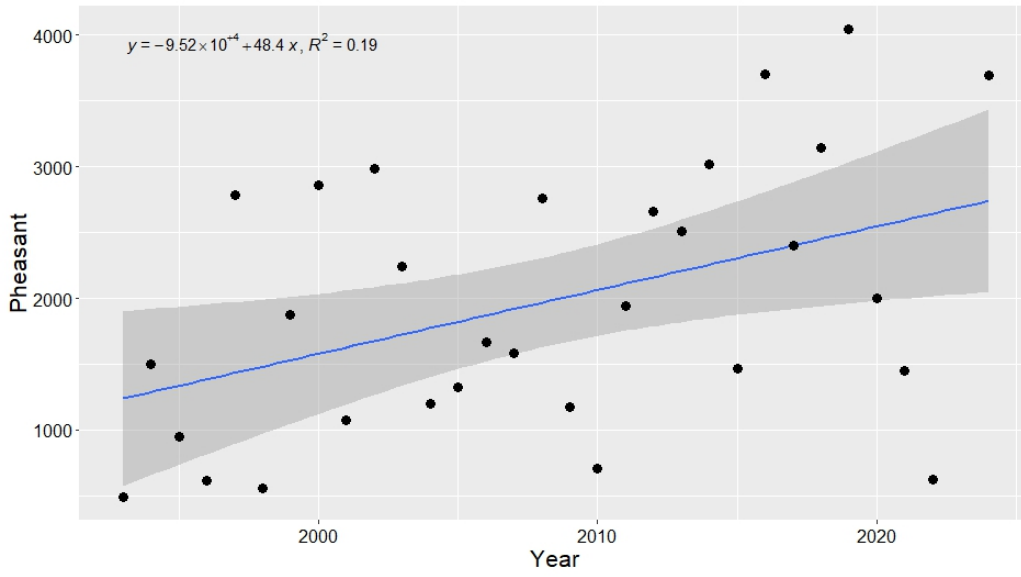


Amended Pheasant hunter harvest totals

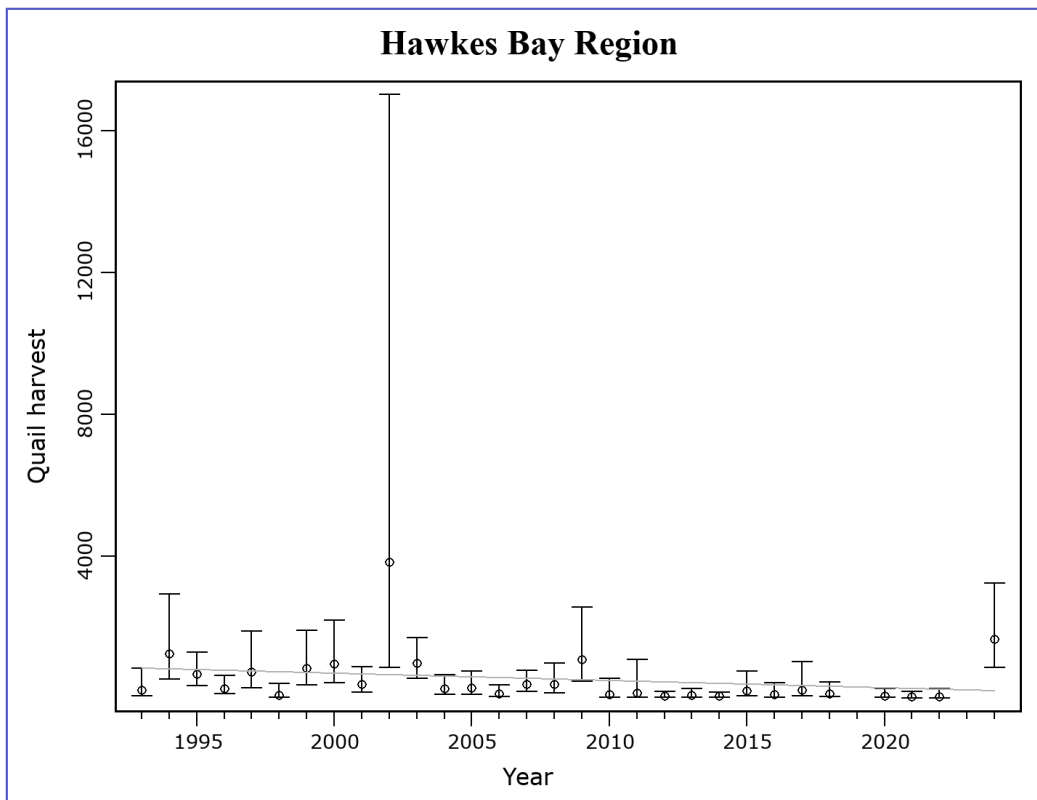


Amended Pukeko hunter harvest totals



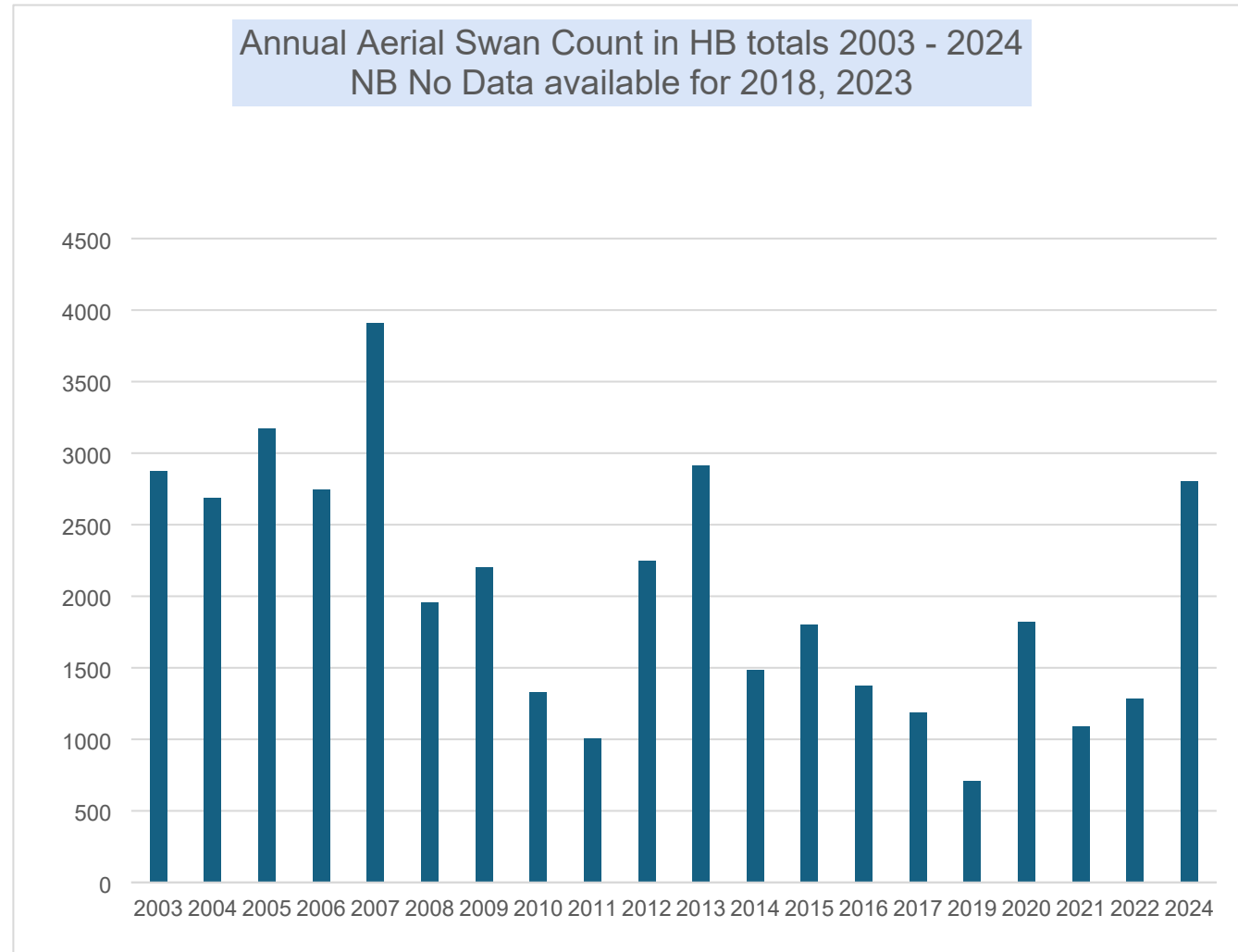


Amended Pheasant hunter harvest totals



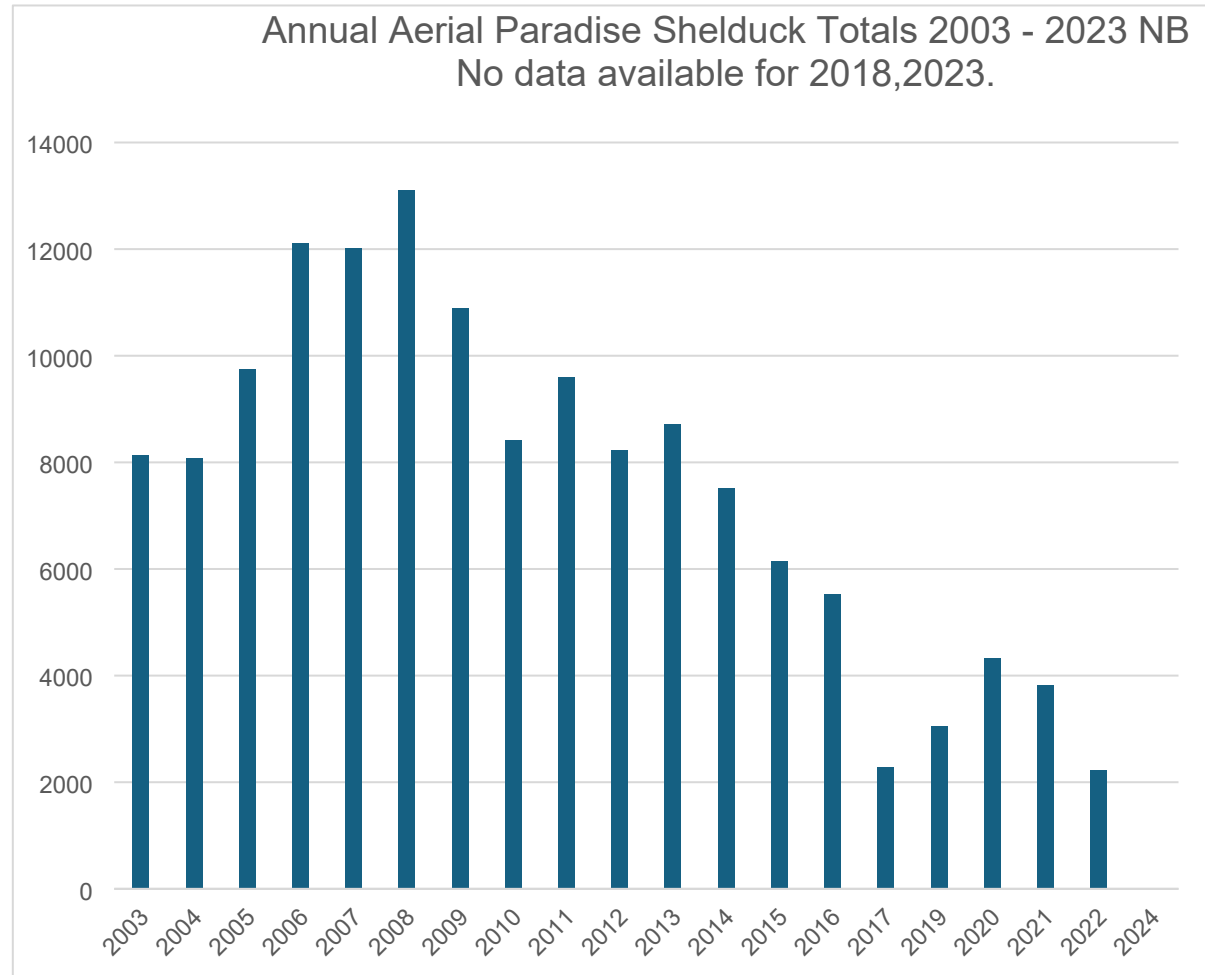
Swan total per year HB

Year	Total
2003	2875
2004	2689
2005	3173
2006	2746
2007	3910
2008	1957
2009	2201
2010	1332
2011	1005
2012	2244
2013	2912
2014	1485
2015	1798
2016	1375
2017	1189
2019	711
2020	1823
2021	1088
2022	1283
2024	2801



Paradise Shelduck totals
2003-2024

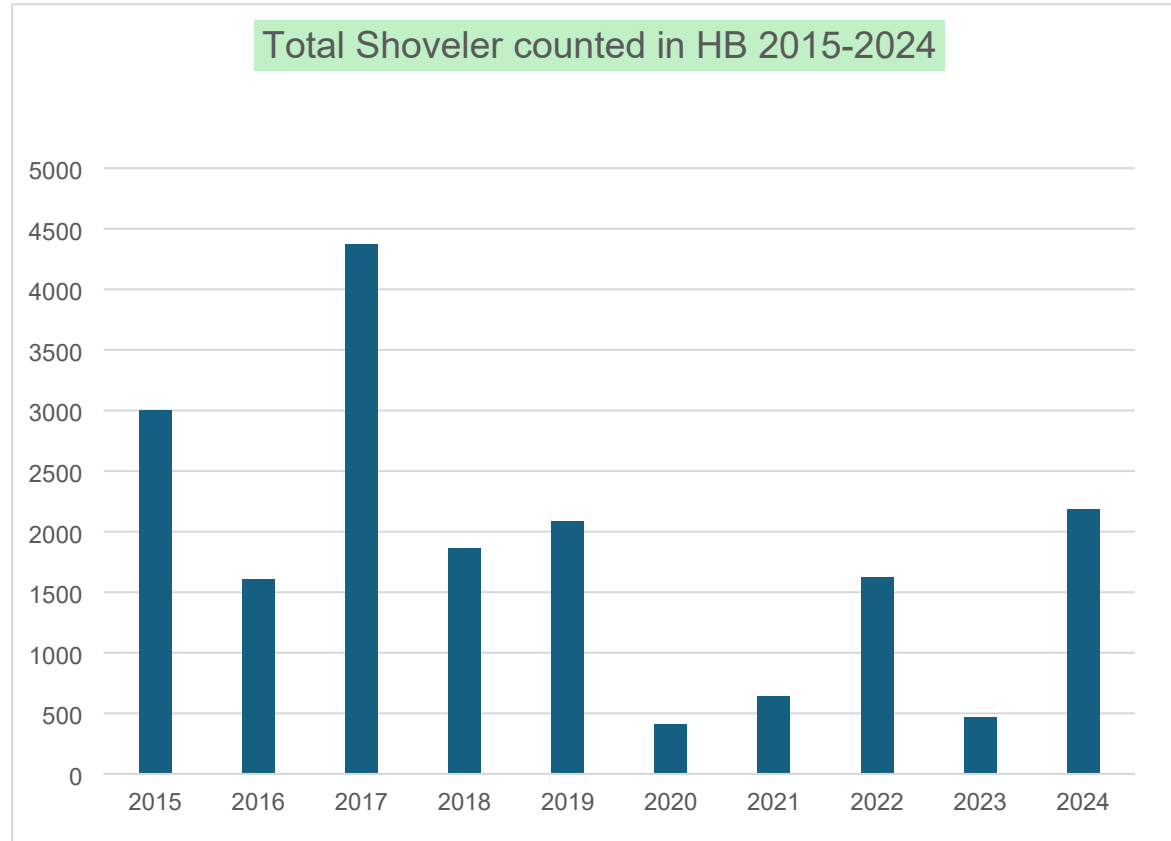
Year	Total
2003	8139
2004	8081
2005	9742
2006	12110
2007	12018
2008	13105
2009	10883
2010	8420
2011	9598
2012	8221
2013	8710
2014	7510
2015	6151
2016	5523
2017	2271
2019	3055
2020	4325
2021	3817
2022	2216
2024	TBA



Please note that we are still waiting for final counts from the team that undertook the 2024 aerial Paradise Shelduck counts.

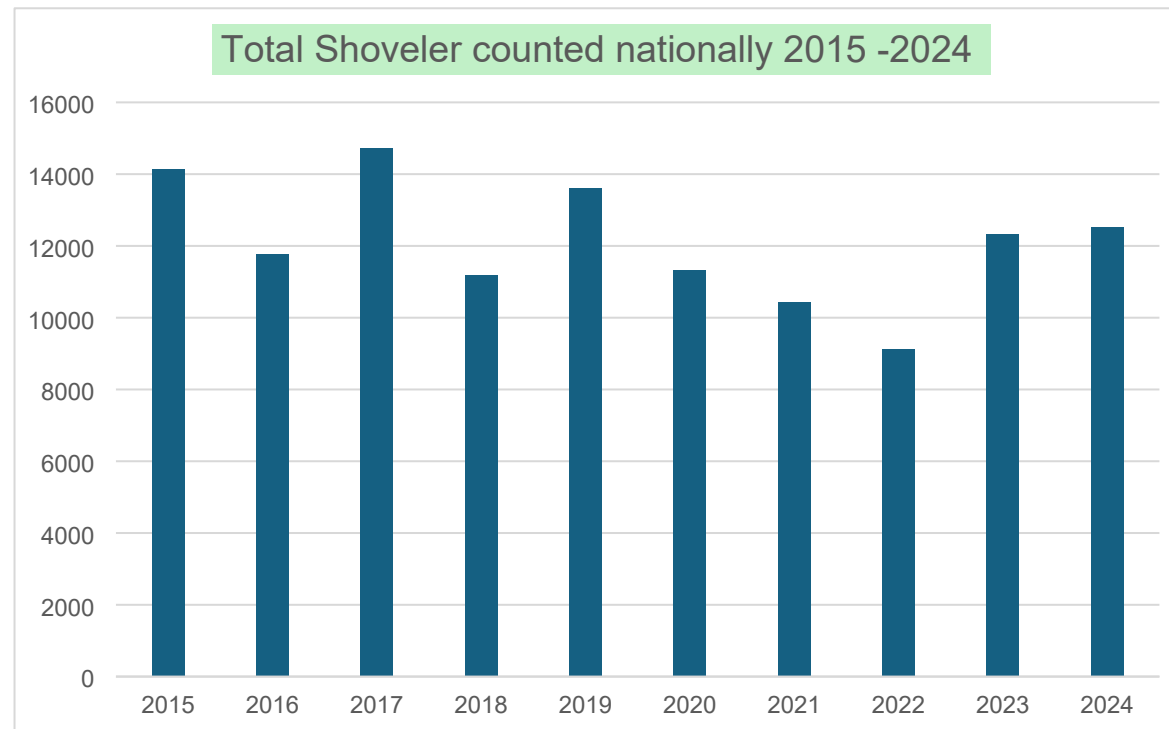
Shoveler counts HB

Year	Total
2015	2997
2016	1604
2017	4367
2018	1862
2019	2082
2020	410
2021	636
2022	1620
2023	470
2024	2183



Shoveler counts NZ

Year	Total
2015	14148
2016	11781
2017	14733
2018	11201
2019	13617
2020	11325
2021	10436
2022	9139
2023	12335
2024	12514



A trend count of Kuruwhengi, the Australasian Shoveler Duck - 2024

By Matthew M'Dougall
Fish and Game New Zealand,
Eastern Region, Private Bag 3010 Rotorua New Zealand.

12 September 2024

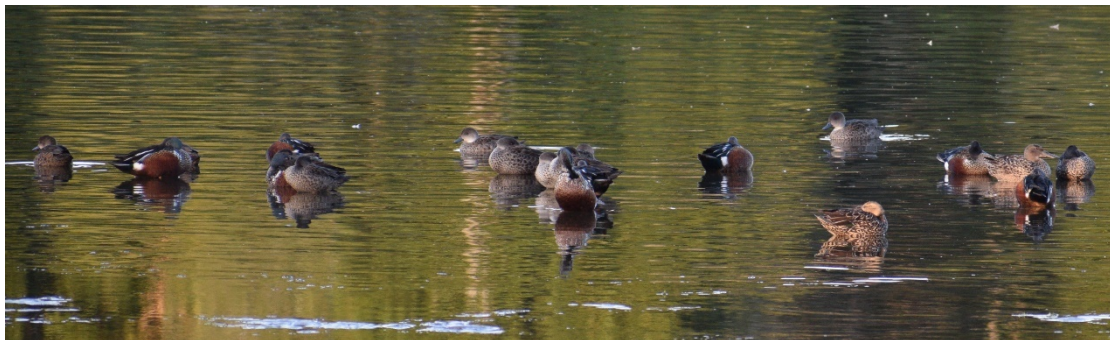


Photo: Allen Stancliff

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Summary

Fish and Game New Zealand conducted a national count of kuruwhengi, Australasian shoveler duck (*Spatula (Anas) rhynchotis*) on 5 August 2024. This is the 25th annual count (2000 – 2024) to monitor change in the New Zealand shoveler duck population. Four indices were examined, (1) total national count ($n=277$ survey sites), (2) the sum of counts from sites that have been counted every year ($n=73$), (3) a two-year trend of each site (2023–2024; $n=250$) and (4) a 25-year trend of each site (2000–2024; $n=268$). The trends are derived from a regression line, i.e., a linear slope, fitted to the annual log count for each site.

The 2024 total count (12,514) was the 20th highest ranked count in the 25 years and similar to last year's count of 12,359 ($n=259$). There were however 18 more sites counted in 2024 cf. 2023.

The long-term trend indicates a stable population (average change = -0.006; 95% CI - 0.087 – 0.075) despite a decrease in the last two years (average change = -0.09; 95% CI -0.17 – -0.015).

The total counts at the 73 sites that have been counted every year was the fourth lowest (4,350; last year was the lowest at 3,884 shoveler duck) since 2000. A linear regression line fitted to these 73 sites suggest no change in the shoveler population at these count sites over the 25 years ($\beta_{Year} = -2.82; P = 0.948$).

Sex ratios were examined using a chi-squared test. Reported observations of females were significantly fewer ($P < 0.0001$) than males with a ratio of 0.59 females to males. This sex imbalance is consistent with ratios from previous years (0.63 females to males).

The national survey is an index of population change. Count sites were not randomly selected so inference about national shoveler populations must be made with caution. All indices, except the short term (2023 – 2024) counts, point to a stable shoveler population. Following a small decrease detected in the 2022 count Southland and Otago Fish and Game regions introduced more restrictive conditions (daily bag limits) which may explain the change in population trends.

Introduction

Two species of extant shoveler duck are recorded in New Zealand, the northern shoveler (*Spatula clypeata*), a rare arctic vagrant, and the Australasian shoveler (*S. rhynchotis*) or kuruwhengi, a common native (Heather and Robertson 1996).

Shoveler are filter feeders (Crome 1985; Potts 1977) that extract relatively fine seeds, planktonic animals (e.g. cladocerans, copepods, rotifers, and ostracods), and small snails by sifting water through lamellae on their bills (Marchant and Higgins 1991; Potts 1977). They are considered a bird of lowland fertile wetlands (Heather and Robertson 1996; Williams 1981b) but also frequent sheltered estuaries (Marchant and Higgins 1991).

Australasian shoveler are deemed a game bird that can be hunted in New Zealand subject to conditions stipulated in the Wildlife Act 1953 and the annual Game Bird Gazette Notice, and are managed by Fish and Game New Zealand. The effective monitoring of game birds was set as a high priority by the New Zealand Fish and Game, Game Bird Research Committee. It was proposed to monitor Australasian shoveler duck, within a national framework (Rodway 1999) as this species is very

mobile and tends to disperse nationally (Barker, Caithness, and Williams 2005; Sutton et al. 2002; Williams 1981b) compared with other more sedentary game species in New Zealand such as the mallard (*Anas platyrhynchos*) (Balham and Miers 1959; M. McDougall 2012) or the paradise shelduck (*Tadorna variegata*) (Barker 1990; Williams 1981a).

Method

Survey Design

The aim of the shoveler survey is to detect an annual change in the population of shoveler duck at indicator ponds (Figure 1) and to monitor long term changes at these sites.

Survey forms (Appendix 4) were distributed to all Fish and Game Regions who made them available to surveyors. The survey forms included pre-printed site name, grid references, the name of last year's observer (to try and ensure observers are paired with the same sites each year to minimise observer bias) and site access details. Site information was provided to minimise between year observer variation.

The survey date was Monday 5th of August 2024 to coincide with pre-breeding flock formations (Williams 1981b). Chosen sites were visited and the number of male and female shoveler duck and total grey teal were recorded. Where sex could not be determined due to light conditions, distance, or large numbers, they were recorded as unidentified sex.

Survey Sites

Shoveler prefer lowland fertile waterways such as ponds and lakes (Williams 1981b). We did not have data on this type of habitat to allow us to randomly select count sites so in 2000 staff were asked to select a minimum of 10 count sites in each region where shoveler were known to congregate. Over the 25 years, 445 different survey sites (annual range = 202–291 in 2009 and 2001 respectively; Figure 1) have been counted but some are not surveyed every year due to a number of factors including, loss of access, detectability and difficulty conducting an accurate count. New count sites have been added to offset some of these sites.

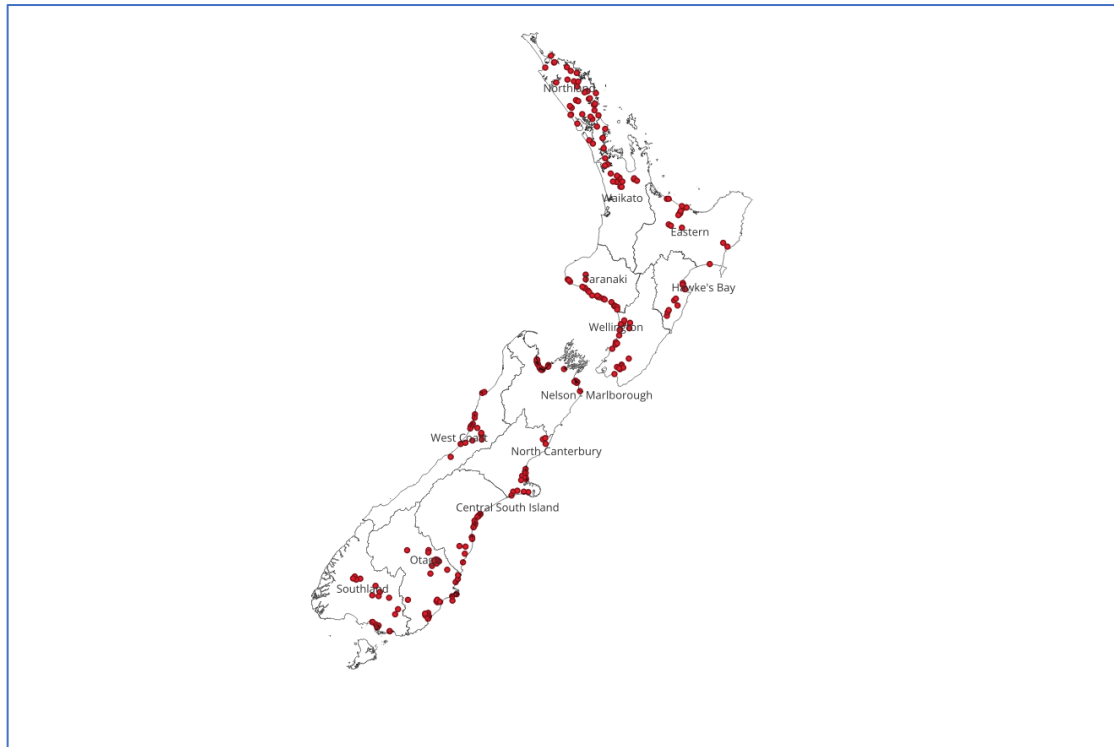


Figure 1. Shoveler 2024 count locations (red dots). Black lines are regional Fish and Game boundaries.

Analysis

Count data was examined using two different methodologies; (1) sites that have been counted for the 25 years were summed ($\sum C_t$) and, (2) a variant on the route regression method (Geissler and Sauer 1990) where counts were converted to their natural log ($\ln C_{ij} + 1 = y_{ij}$) and a temporal regression line was fitted to each site then the average regression coefficient across all sites was estimated to provide the long-term trend. The percentage population change (lambda) was derived as the exponent of the mean regression coefficient:

$$\hat{\lambda} = (e^{\bar{b}} - 1) \times 100 \quad (\text{Rosenberg 1998}).$$

The best way to deal with the natural log of zeros in regression models lacks consensus (Bellégo, Benatia, and Pape 2022). I chose to add 1 to the natural log for the sole reason that the natural log of 1 is zero.

The back transformation of the natural log estimate can be biased. A possible correction is (Geissler and Sauer 1990):

$$\hat{\lambda} = \exp \{ \ln(\bar{b} - 0.5 \widehat{\text{variance}}[\ln(b)]) \}$$

Male:Female Ratio

The chi-square goodness of fit test was used to test whether the expected ratio of 50:50 males to females was observed.

$$\chi^2 = \sum_{i=1}^k \frac{(O_i - E_i)^2}{E_i}$$

Where:

E_i = The expected frequency of the i th class

O_i = The observed frequency of the i th class

Degrees of freedom; $\nu = k-1 = 2-1 = 1$

The Hypothesis is:

H_0 : That the ratio of males to females is 50:50,

H_A : The ratio of males to females is not 50:50.

Results

Sites

In 2024 a total of 277 sites were counted throughout New Zealand (Table 1; Appendix 6), 73 of which have been counted for the past 25 years. The number of sites counted in each region varied from 11 – 45.

Count Spread

84% of the 277 sites were counted on the 5th of August 2024 and 5% on the 4th of August. The remainder were counted between 24 July and 6 August 2024.

Count Results

Total annual counts: 12,514 ($n= 277$) shoveler were counted throughout the country, similar to the 2023 count of 12,359 ($n= 259$; Figure 2, Table 2). The fitted regression line indicates no long-term change in the total annual shoveler count ($\beta_{Year} = 66.07; P = 0.16$).

Shoveler counted per site ($\text{mean}_{(2024)} = 45.18$) has shown no long-term change ($\beta_{Year} = 0.222; P = 0.241$).

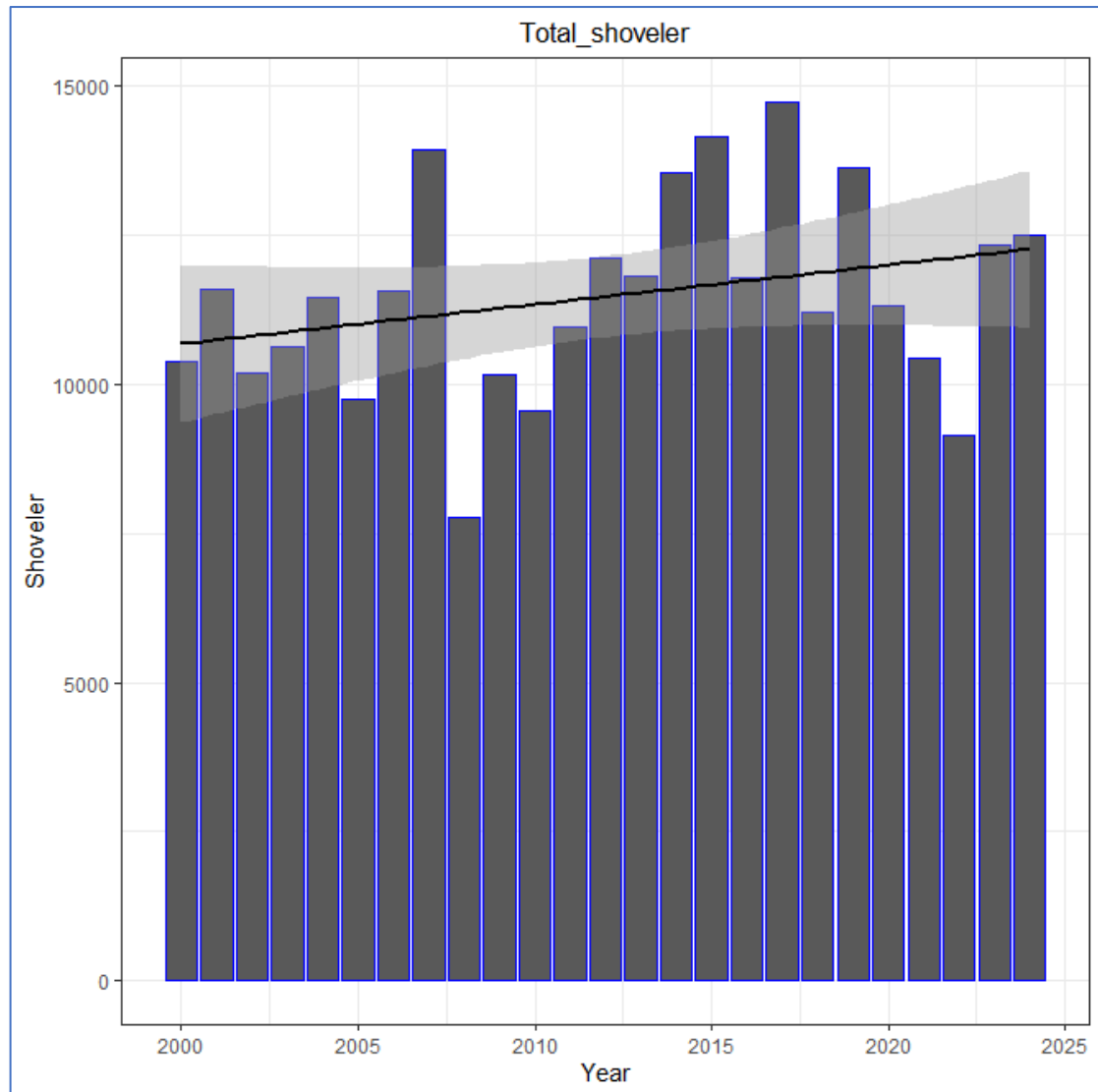


Figure 2. Total shoveler counted throughout New Zealand 2000–2024. The solid black line is the regression line.

Long and short term trends: The trend (average regression coefficient of the log transformed data for each count site) over the 25 years indicates no change in the shoveler population at the sites counted (average change = -0.006; 95% CI -0.087 – 0.075; $n=268$; Figure 3).

The estimate of the average regression coefficient (log transformed data) for the last two years (2023 – 2024) was negative (average change = -0.09; 95% CI -0.17 – -0.015).

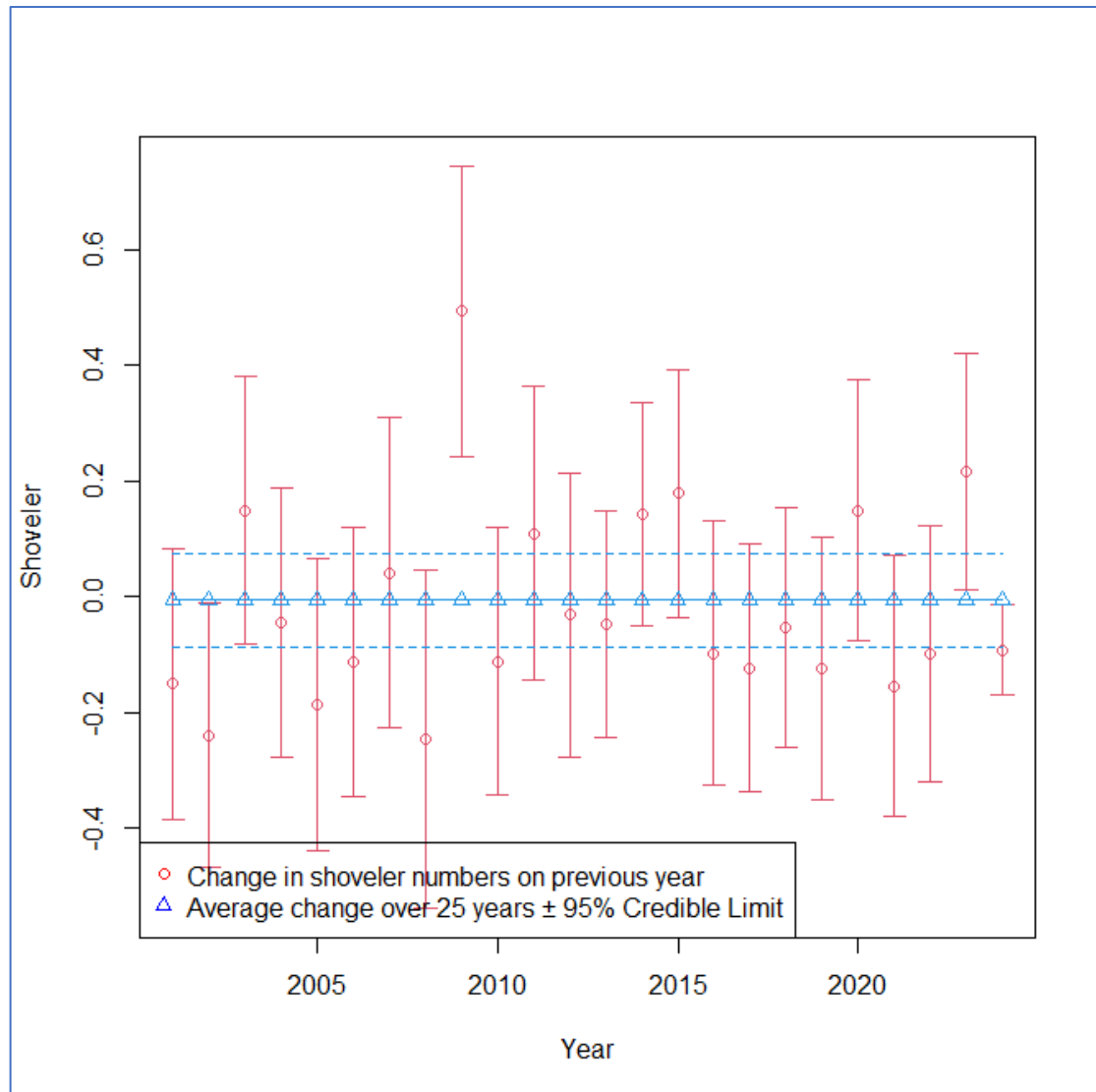


Figure 3. Annual change in shoveler count (red point estimates $\pm 95\%$ CI). Blue line is change over the 25 years ($\pm 95\%$ CI; $n=268$).

For sites that had been counted every year ($n=73$; Figure 4) there is no indication that the counts at these sites are increasing or decreasing ($\beta_{year} = -2.82; P = 0.948$).

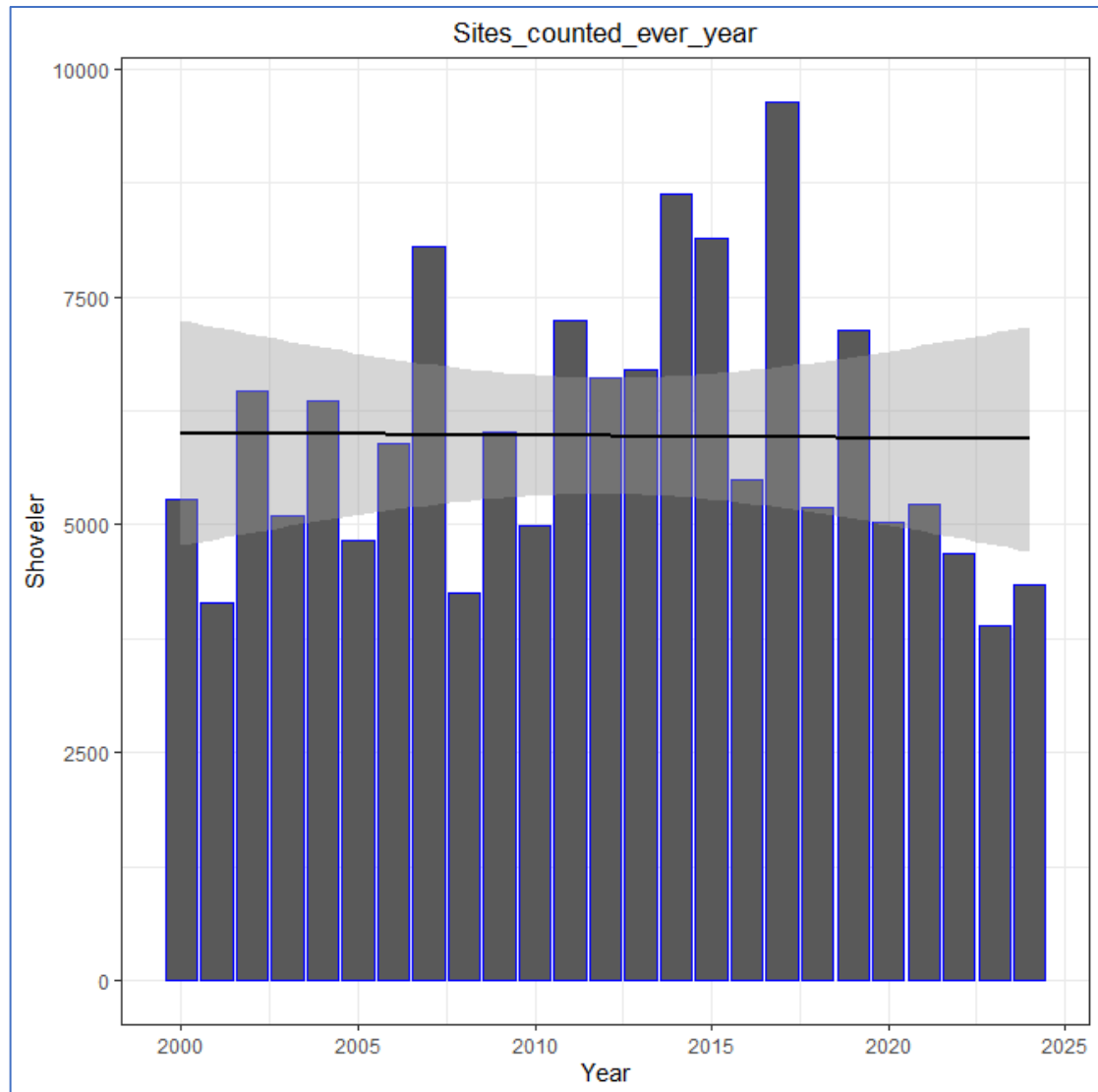


Figure 4. Total shoveler count (blue dots) of the sites that have been counted every year (25 years; $n=73$). The black line is the regression line.

Male Female Ratios

The 2024 female: male ratio was 0.59 which differs from the 50:50 ratio hypothesised ($\chi^2 = 243.276$; $P < 0.0001$). The observed imbalance in the female: male ratio in 2024 is similar to previous years (Appendix ; Table 4). Over the 25 years the average ratio of recorded females to recorded males is 0.63 ($\chi^2 = 5920.44$; $P < 0.0001$).

Table 1. Number of sites counted by year and region

Year	Northland	Auckland/Waikato	Eastern	Taranaki	Hawke's Bay	Wellington	Nelson/Marlborough	West Coast	North Canterbury	Central South Island	Otago	Southland	Total
2000	19	47	17	23	10	18	63	10	7	16	42	16	288
2001	20	48	17	23	10	22	67	11	8	17	32	16	291
2002	23	27	17	15	9	20	45	12	9	20	30	15	242
2003	21	26	16	16	9	22	43	14	8	20	30	16	241
2004	18	17	18	16	9	23	44	13	9	20	29	16	232
2005	21	22	18	23	9	23	56		7	20	31	16	246
2006	16	21	18	18	11	23	55	12	9	20	27	16	246
2007	22	20	18	22	11	23	42	12	9	20	29	16	244
2008	12	20	19	11	10	23	33	12	9	22	21	16	208
2009	10	21	17	11	11	24	26	12	9	22	23	16	202
2010	12	21	19	21	11	29	26	12	8	22	25	16	222
2011	12	20	16	22	11	32	26	12	5	22	26	16	220
2012	13	20	16	22	10	32	26	12	7	22	31	17	228
2013	15	20	19	23	10	32	26	13	8	22	32	12	232
2014	15	20	20	25	10	32	26	13	8	22	31	17	239
2015	15	20	20	25	12	32	26	13	9	22	34	17	245
2016	19	21	19	25	11	31	26	13	9	22	35	17	248
2017	21	21	17	25	11	31	24	13	9	22	38	17	249
2018	26	21	17	25	9	30	23	13	9	22	38	17	250
2019	29	22	18	26	9	30	21	14	9	22	38	17	255
2020	30	20	17	25	9	21	21	14	9	21	36	16	239
2021	26	22	17	25	9	22	19	14	9	22	38	16	239
2022	27	21	17	26	10	23	19	15	16	22	38	17	251
2023	28	21	17	26	11	23	20	19	16	22	38	18	259
2024	35	22	18	27	11	21	24	19	15	22	45	18	277

Table 2. Shoveler and grey teal counts for the last ten years (2015–2024) by region (previous years are in Appendix)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
AUCKLAND/WAIKATO										
SHOVELER MALES	614	355	272	253	417	377	311	169	224	335
SHOVELER FEMALES	406	258	161	143	193	194	212	92	140	204
SHOVELER UNKNOWN SEX	1751	1450	1826	1695	2239	2632	2880	622	810	455
TOTAL SHOVELER	2771	2063	2259	2091	2849	3203	3403	883	1174	994
GREY TEAL	293	187	424	505	301	203	190	164	328	394
CENTRAL SOUTH ISLAND										
SHOVELER MALES	442	352	450	178	99	391	116	339	552	496
SHOVELER FEMALES	243	191	328	110	63	245	74	253	360	286
SHOVELER UNKNOWN SEX	38	125	147	53	188	47	7	156	195	54
TOTAL SHOVELER	723	668	925	341	350	683	197	748	1107	836
GREY TEAL	2573	2395	3731	1182	3383	3991	456	2533	3081	5560
EASTERN										
SHOVELER MALES	189	112	64	68	87	140	131	73	126	72
SHOVELER FEMALES	166	86	37	44	61	99	87	44	82	47
SHOVELER UNKNOWN SEX	41	265	53	112	180	69	12	47	94	52
TOTAL SHOVELER	396	463	154	224	328	308	230	164	302	171
GREY TEAL	300	57	131	86	187	181	75	64	120	82
HAWKE'S BAY										
SHOVELER MALES	91	621	1395	140	246	209	198	104	279	230
SHOVELER FEMALES	76	280	595	60	321	149	186	54	174	156
SHOVELER UNKNOWN SEX	2830	703	2377	1662	1515	52	252	1462	17	1797
TOTAL SHOVELER	2997	1604	4367	1862	2082	410	636	1620	470	2183
GREY TEAL	18	382	1667	5	0	62	65	13	337	2240
NELSON/MARLBOROUGH										
SHOVELER MALES	0	0	0	0	0	0	0	0	0	0

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SHOVELER MALES	134	181	167	176	138	290	111	93	101	134
SHOVELER FEMALES	58	143	102	63	77	120	44	28	43	59
SHOVELER UNKNOWN SEX	1714	1525	1108	2213	1507	1944	1676	956	1653	1607
TOTAL SHOVELER	1906	1849	1377	2452	1722	2354	1831	1077	1797	1800
GREY TEAL	77	350	347	207	166	329	166	71	1131	1202
NORTH CANTERBURY	0	0	0	0	0	0	0	0	0	0
SHOVELER MALES	128	217	561	188	88	156	40	421	1194	1429
SHOVELER FEMALES	88	184	568	132	67	138	29	263	680	806
SHOVELER UNKNOWN SEX	164	240	0	86	2046	155	0	7	754	262
TOTAL SHOVELER	380	641	1129	406	2201	449	69	691	2628	2497
GREY TEAL	445	640	880	589	2253	153	20	276	3863	2314
NORTHLAND	0	0	0	0	0	0	0	0	0	0
SHOVELER MALES	67	14	57	116	64	133	44	63	64	147
SHOVELER FEMALES	36	8	42	58	44	61	45	42	38	82
SHOVELER UNKNOWN SEX	0	0	0	6	0	10	81	0	0	0
TOTAL SHOVELER	103	22	99	180	108	204	170	105	102	229
GREY TEAL	99	56	42	67	58	127	39	72	63	148
OTAGO	0	0	0	0	0	0	0	0	0	0
SHOVELER MALES	183	391	1412	300	487	392	1055	1008	904	884
SHOVELER FEMALES	128	346	982	183	378	332	793	532	577	506
SHOVELER UNKNOWN SEX	1387	354	23	448	436	541	0	1	221	103
TOTAL SHOVELER	1698	1091	2417	931	1301	1265	1848	1541	1702	1493
GREY TEAL	800	735	1256	871	1053	628	776	1483	1299	1276
SOUTHLAND	0	0	0	0	0	0	0	0	0	0
SHOVELER MALES	393	782	460	487	614	516	551	465	534	305
SHOVELER FEMALES	240	457	155	219	213	196	192	241	651	291

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SHOVELER UNKNOWN SEX	22	63	50	26	49	4	17	334	60	408
TOTAL SHOVELER	655	1302	665	732	876	716	760	1040	1245	1004
GREY TEAL	271	448	344	246	298	770	296	353	374	343
TARANAKI	0	0	0	0	0	0	0	0	0	0
SHOVELER MALES	326	194	198	190	199	178	266	167	286	218
SHOVELER FEMALES	161	88	80	66	75	69	110	73	111	80
SHOVELER UNKNOWN SEX	692	16	47	268	218	54	14	82	25	161
TOTAL SHOVELER	1179	298	325	524	492	301	390	322	422	459
GREY TEAL	397	55	171	286	196	125	153	82	118	236
WELLINGTON	0	0	0	0	0	0	0	0	0	0
SHOVELER MALES	491	979	459	674	215	533	297	329	420	229
SHOVELER FEMALES	289	623	335	682	169	567	166	186	304	151
SHOVELER UNKNOWN SEX	419	88	135	51	827	135	318	292	510	172
TOTAL SHOVELER	1199	1690	929	1407	1211	1235	781	807	1234	552
GREY TEAL	354	374	226	321	832	643	185	389	413	303
WEST COAST	0	0	0	0	0	0	0	0	0	0
SHOVELER MALES	34	50	42	27	62	128	74	98	106	194
SHOVELER FEMALES	22	40	36	24	35	69	47	43	46	102
SHOVELER UNKNOWN SEX	85	0	9	0	0	0	0	0	0	0
TOTAL SHOVELER	141	90	87	51	97	197	121	141	152	296
GREY TEAL	278	446	121	405	377	337	212	295	516	424
TOTAL SHOVELER MALES	3092	4248	5537	2797	2716	3443	3194	3329	4790	4673
TOTAL SHOVELER FEMALES	1913	2704	3421	1784	1696	2239	1985	1851	3206	2770
TOTAL SHOVELER UNKNOWN SEX	9143	4829	5775	6620	9205	5643	5257	3959	4339	5071
TOTAL SHOVELER	14148	11781	14733	11201	13617	11325	10436	9139	12335	12514
TOTAL GREY TEAL	5905	6125	9340	4770	9104	7549	2633	5795	11643	14522

Discussion

Fish and Game staff and volunteers conducted the 25th annual national shoveler duck count in August 2024. Although termed national, the sites were not randomly selected, so the survey is considered an index of population status.

Count Results

All long-term indices indicate that the shoveler population is stable. The two-year population change from the 2023 to 2024 count suggest a small decrease however the upper confidence interval is approaching zero.

The count was similar to the 2023 count which were both higher than the 2022 count. The low numbers in 2022 may have been due to poor weather on the day and flooding in many parts of the country prior to the count (i.e., the birds may have dispersed to less traditional feeding areas).

The issue of comparing total count between years is compromised by the annual change in the number of sites that are counted (due to issues such as loss of access). A better approach may be to look at the average count (total annual shoveler count/number of sites counted in that year).

Count design

There are issues with a single count providing an indication of population change (Johnson 2008). For example, this survey does not account for detectability or observer bias. Detectability is influenced by the distance from the observer to the birds, cover, weather, light and the conspicuousness of the animal being observed (male shoveler plumage is more recognisable than that of the female and so are more easily identified). Moreover, observer bias is influenced by experience, skill, and the type of binoculars/ spotting scope they use. To overcome some of this bias survey sheets are circulated prior to the count with details of the observer in the preceding year, to try and ensure that the same person counts the same sites each year with instructions on where to count the birds from (i.e., standardise the observation point and the observer).

Detectability is difficult to accurately assess and may bring its own set of bias and inaccuracy (depending on the surveyor). In some larger wetland complexes detectability may also change due to wetland water levels and or weather as birds may be more concentrated or widely dispersed depending on habitat availability, particularly in tidal areas. Shoveler however, generally appear to occupy the same areas of the wetlands from year to year (pers. obs.), perhaps reducing the consequences of not recording detectability. Weather is also a contributing factor to detectability. Observers regularly make a comment on the weather if the conditions are not conducive to counting. Nevertheless, when count data (2000 – 2021) was modelled against weather covariates the results were counter intuitive. It was hypothesised that wind strength and rain would decrease the count, however the covariate estimates suggest otherwise. The only covariate that made sense was the count decreasing when there was a southerly component in wind direction. Part of this anomaly may be explained by the large number of low counts, almost 40% of counts were 1 or 0. But it is unclear why the covariates fit the data so well ($P < 0.001$) and yet do not make sense (M. B. McDougall 2021).

Sites

The non-random selection of survey sites is a weakness of this monitoring programme. Ideally a random sample would be taken from all shoveler habitat but as shoveler habitat has not been mapped this cannot be easily completed. Ideally a stratified sampling regime should be developed. Staff should be encouraged to record the location/habitat when they encounter shoveler during their normal activities to enable the development of a shoveler habitat GIS layer. Additionally, hunters could be canvassed during the gamebird harvest survey to help identify areas that hold shoveler. A third option is to assess the representativeness of these sites is to compare them to the E-Bird (OSNZ) mapping scheme showing known shoveler sites.

The consequence of non-random habitat selection is that no formal inference about the status of the national population can be made. Readers will have to judge for themselves if counts from 277 sites are a fair representation of the national shoveler population.

An application to the research fund has been made to try and improve the statistical robustness of the survey design has been approved.

Sex ratios

The consistent imbalance of females: males in the count data may be due to the ease of distinguishing male shoveler from other waterfowl at this time of the year. Alternatively, the result may occur because males were identified as males and females as unidentified sex, or it may be a true reflection of the population balance. This imbalance is very similar to mallards trapped for banding in the Eastern Region (1.5 juvenile males: juvenile females; 1.35 adult males: adult females) (M. McDougall 2010) and many other dabbling duck populations globally which is largely attributed to sex specific mortality. Shoveler banding data (Department of Conservation band schedules 1971 – 1986; $n=3284$ adults) further corroborates these observations with an imbalance of 2.37 shoveler males to females (McDougall unpublished data). Nevertheless, it is likely that the imbalance is a combination of a sex imbalance and observers identifying a higher proportion of the males as males.

Count Date

The 5th of August was chosen as count date. This date coincides with the end of the waterfowl season and the pre-breeding flocks that begin to gather at the end of July (Williams, 1981a). The timing of the count is a compromise between females moving away to nest and the end of the waterfowl season. The date is also consistent between years for the past two decades which removes another factor of variability with the census counts.

Analysis technique

A regression estimate of the natural log of the count data over time was calculated and the average of these slope estimates were back transformed to indicate annual percentage population change (termed a variant on the route regression method). Using the route regression method is useful where counted sites are not consistent from year to year. In addition:

- New sites can be included.
- Small sites are comparable to large sites.

- Sites that are disturbed or missed don't affect the estimate (but may affect the error of the estimate).
- The estimate is an estimate of the change in population with an associated error.

Nevertheless, this method provides no insight on the total population size and, as alluded to above, is compromised by lack of randomisation in count site selection. Further the variance estimates shown in the graph do not account for the individual variance of each regression estimate nor detection probabilities. Therefore, the very narrow CI around the trend estimates is underestimating the true variability.

An alternative index is the annual total shoveler count per site. The concern with this approach is that sites that consistently have few or no shoveler are more likely to be dropped in favour of new sites with lots of shoveler creating a positive bias.

Managers are left to judge for themselves if the average trend of approximately 277 sites is going to be indicative of the population at large. The 73 sites counted each year likely provide a good basis for a longitudinal study, however these sites might be preferred shoveler habitat and not reflect what is happening to the wider population. The counts at these sites may in fact increase in years when other habitat has dried up or is sub-optimal and the population has decreased.

Conclusion and Recommendations

Shoveler duck abundance at the sites counted has fluctuated over the 25 years however the average trend is relatively stable.

Fish and Game should consider a review of the survey. The review could consider:

- Inclusion of randomly selected sites (some form of random stratified design)¹. Alternatively establish a new survey where count sites are randomly selected.
- Consider using Ebirds database to establish shoveler habitat in New Zealand. This could form the basis for the random survey. This would probably entail giving over F&G count data.
- If it is useful to know the size of the national population of shoveler duck (for example every five years), or density (shoveler km⁻²) nationally and regionally.
- If Fish and Game should agree on a national harvest strategy given the presumption that the population is monitored as such?

Acknowledgments

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¹ An application for research funding has been submitted and approved.

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Appendix 1

Shoveler and grey teal counts by region and year

Table 3. Count data 2000 - 2014

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Auckland/Waikato															
Sum of Shoveler Males	561	356	181	242	186	322	222	62	123	201	572	619	175	475	498
Sum of Shoveler Females	397	240	94	176	139	227	150	36	69	161	328	222	102	303	379
Sum of Shoveler Unknown Sex	168	1434	259	987	1602	151	2210	1548	1010	934	268	2247	713	982	4144
Sum of Total Shoveler	1126	2030	534	1405	1927	700	2582	1646	1202	1296	1168	3088	990	1760	5021
Sum of Grey Teal				0	348	732	15	98	0	12	511	101	446	1000	348
Central South Island															
Sum of Shoveler Males	0	229	166	241	168	174	267	220	267	825	265	228	1296	191	1161
Sum of Shoveler Females	0	138	140	167	115	127	210	154	122	242	122	183	67	97	437
Sum of Shoveler Unknown Sex	629	94	160	31	52	134	18	56	98	49	281	33	99	511	16
Sum of Total Shoveler	629	461	466	439	335	435	495	430	487	1116	668	444	1462	799	1614
Sum of Grey Teal					510	3033	2143	1817	4882	4303	3467	5980	3011	3102	3746
Eastern															
Sum of Shoveler Males	549	232	77	177	638	216	99	162	57	119	149	60	96	64	110
Sum of Shoveler Females	288	124	60	121	402	82	58	104	40	72	58	31	62	42	91
Sum of Shoveler Unknown Sex	285	2786	683	931	91	697	936	534	1027	59	731	174	129	163	80
Sum of Total Shoveler	1122	3142	820	1229	1131	995	1093	800	1124	250	938	265	287	269	281
Sum of Grey Teal					38	146	113	111	44	149	92	208	83	438	173
Hawke's Bay															
Sum of Shoveler Males	446	400	267	307	357	355	55	183	97	161	430	223	128	51	17
Sum of Shoveler Females	304	281	200	188	235	246	36	133	102	77	148	115	105	36	15
Sum of Shoveler Unknown Sex	2404	1055	3059	1575	2501	2093	2834	4243	1803	2758	2373	1988	3054	2644	1615

Sum of Total Shoveler	3154	1736	3526	2070	3093	2694	2925	4559	2002	2996	2951	2326	3287	2731	1647
Sum of Grey Teal					283	3836	458	2529	212	854	385	375	161	277	260
Nelson/Marlborough															
Sum of Shoveler Males	111	116	122	198	155	205	169	135	143	236	82	165	257	132	71
Sum of Shoveler Females	61	100	94	204	120	141	111	93	112	179	69	96	183	126	47
Sum of Shoveler Unknown Sex	453	22	27	301	366	1055	851	1373	327	885	668	694	1707	2230	1615
Sum of Total Shoveler	625	238	243	703	641	1401	1131	1601	582	1300	819	955	2147	2488	1733
Sum of Grey Teal					957	1220	170	468	105	547	872	115	66	247	110
North Canterbury															
Sum of Shoveler Males	83	38	278	482	181	120	108	636	27	148	106	101	186	80	194
Sum of Shoveler Females	68	27	124	308	152	124	89	586	21	112	122	92	102	56	116
Sum of Shoveler Unknown Sex	185	143	124	10	73	65	482	256	0	75	13	0	0	62	68
Sum of Total Shoveler	336	208	526	800	406	309	679	1478	48	335	241	193	288	198	378
Sum of Grey Teal					4014	3570	4135	1966	86	0	510	1025	250	23	178
Northland															
Sum of Shoveler Males	30	53	28	53	60	41	24	12	64	17	23	33	101	46	54
Sum of Shoveler Females	27	44	26	49	46	27	28	9	73	12	24	13	76	31	26
Sum of Shoveler Unknown Sex	0	5	0	0	1	0	0	0	0	0	0	1	0	0	0
Sum of Total Shoveler	57	102	54	102	107	68	52	21	137	29	47	47	177	77	80
Sum of Grey Teal					246	158	43	44	37	73	13	67	36	46	159
Otago															
Sum of Shoveler Males	0	800	662	123	110	760	578	568	296	350	266	158	482	417	148
Sum of Shoveler Females	0	505	507	105	96	509	532	475	120	331	233	204	444	348	285
Sum of Shoveler Unknown Sex	1073	136	290	826	1103	241	213	423	535	338	430	845	57	737	639
Sum of Total Shoveler	1073	1441	1459	1054	1309	1510	1323	1466	951	1019	929	1207	983	1502	1072
Sum of Grey Teal					1496	1926	1940	863	895	361	810	392	759	2773	1091
Southland															
Sum of Shoveler Males	369	260	27	92	98	216	117	228	126	114	183	430	489	337	380

Sum of Shoveler Females	210	164	22	96	101	116	103	133	68	72	93	257	243	153	214
Sum of Shoveler Unknown Sex	56	134	806	651	1118	640	359	519	204	569	537	102	128	0	105
Sum of Total Shoveler	635	558	855	839	1317	972	579	880	398	755	813	789	860	490	699
Sum of Grey Teal					268	243	317	128	377	604	175	295	429	144	195
Taranaki															
Sum of Shoveler Males	76	100	155	135	30	72	8	25	26	51	85	203	147	207	227
Sum of Shoveler Females	47	84	114	98	25	58	3	22	10	27	63	134	86	124	120
Sum of Shoveler Unknown Sex	210	196	165	68	238	3	121	124	0	40	82	115	37	29	11
Sum of Total Shoveler	333	380	434	301	293	133	132	171	36	118	230	452	270	360	358
Sum of Grey Teal					7	44	76	23	0	29	98	93	43	34	160
Wellington															
Sum of Shoveler Males	246	480	253	455	203	152	114	489	347	461	366	565	657	569	303
Sum of Shoveler Females	196	244	104	150	94	78	67	214	220	293	265	313	364	412	202
Sum of Shoveler Unknown Sex	755	459	815	787	367	311	243	60	108	116	45	175	196	72	44
Sum of Total Shoveler	1197	1183	1172	1392	664	541	424	763	675	870	676	1053	1217	1053	549
Sum of Grey Teal					269	322	146	381	84	178	216	217	169	292	203
West Coast															
Sum of Shoveler Males	39	34	37	125	89		48	55	71	54	35	82	80	48	68
Sum of Shoveler Females	18	37	40	115	85		38	51	47	30	42	49	71	36	54
Sum of Shoveler Unknown Sex	48	49	32	50	66		71	0	3	0	0	0	0	4	0
Sum of Total Shoveler	105	120	109	290	240		157	106	121	84	77	131	151	88	122
Sum of Grey Teal					210		91	79	270	83	142	317	206	113	69
Total Sum of Shoveler Males	2510	3098	2253	2630	2275	2633	1809	2775	1644	2737	2562	2867	4094	2617	3231
Total Sum of Shoveler Females	1616	1988	1525	1777	1610	1735	1425	2010	1004	1608	1567	1709	1905	1764	1986
Total Sum of Shoveler Unknown Sex	6266	6513	6420	6217	7578	5390	8338	9136	5115	5823	5428	6374	6120	7434	8337
Total Sum of Total Shoveler	10392	11599	10198	10624	11463	9758	11572	13921	7763	10168	9557	10950	12119	11815	13554
Total Sum of Grey Teal				0	8646	15230	9647	8507	6992	7193	7291	9185	5659	8489	6692

Appendix 2

Male: female ratios

Table 4. Male: Female ratio by year

Year	F:M_Ratio	Chi_Square	P_value
2000	0.643825	96.85361	P<0.001
2001	0.641704	121.1266	P<0.001
2002	0.676875	70.14082	P<0.001
2003	0.675665	82.55151	P<0.001
2004	0.707692	56.91441	P<0.001
2005	0.658944	92.30815	P<0.001
2006	0.787728	22.79777	P<0.001
2007	0.724324	61.15204	P<0.001
2008	0.610706	77.34139	P<0.001
2009	0.587505	146.6791	P<0.001
2010	0.611632	119.8868	P<0.001
2011	0.596093	146.5214	P<0.001
2012	0.465315	399.3766	P<0.001
2013	0.674054	83.04143	P<0.001
2014	0.61467	148.5552	P<0.001
2015	0.618693	138.8652	P<0.001
2016	0.636535	171.4568	P<0.001
2017	0.617844	249.9138	P<0.001
2018	0.637826	112.0027	P<0.001
2019	0.624448	117.9057	P<0.001
2020	0.650305	127.5621	P<0.001
2021	0.621478	141.1161	P<0.001
2022	0.556023	210.8575	P<0.001
2023	0.668053	158.804	P<0.001
2024	0.592767	243.2762	P<0.001

Appendix 4**Shoveler Counts Survey Sheet**

Fish & Game Region: _____ Observer: _____

Date: _____ Time: _____

Location: _____ Grid ref: _____

Map No (260 Series): _____

Access Details: _____

Weather ConditionsWind direction: _____ Wind Strength¹: _____Cloud²: _____ Rain³: _____

Shoveler Males: _____

Shoveler Females: _____

Shoveler unknown sex: _____

Total Shoveler: _____

Comments: _____

Please return completed form to your nearest Fish and Game Office

If you have any queries phone Matthew McDougall 07-357-5501 (wk) 07-357-2687 (AH)

¹ Wind strength: Nil, moderate, Strong.² Cloud: Estimate percentage cover; eg no cloud 0%, complete cover 100% cover.³ Rain: Drizzle, Moderate Showers, Heavy Showers, Moderate, Heavy.

Appendix 5

2024 Count Details

Region	Auckland/Waikato				
Site	Males	Females	Unknown Sex	Total	
Caldwells Dam	0	0	0	0	
Chick's Pond	6	2	0	8	
Clarks Bay Shelbank	3	1	0	4	
David Saxton Wetland	0	0	0	0	
Fisher Pond	4	2	0	6	
Helensville Oxy. Ponds	2	2	0	4	
Kidds, Karaka	2	2	0	4	
Lake Waikare	0	0	72	72	
Leighton's Lake	30	22	0	52	
Mangere Water Storage	32	30	0	62	
Meremere Power Station	17	6	0	23	
Meremere WWTP	1	0	0	1	
Murray Young Wetland	0	0	0	0	
Ralph Road Ponds	0	0	0	0	
Rosedale Oxy. Ponds	7	4	0	11	
Strakas Refuge	5	5	0	10	
Tee Head Pond	12	4	0	16	
Tuakau Oxy. Ponds	130	72	0	202	
Wairewa Oxy. Ponds	45	25	0	70	
Wellsford Oxy Ponds	20	10	0	30	
Whangamarino	0	0	363	363	
Whitney's Lake	19	17	20	56	

Region	Central South Island				
Site	Males	Females	Unknown Sex	Total	
All Day Bay Lagoon	6	4	0	10	
Bells Irrigation Pond	9	2	17	28	
Bortons Settling Pond	0	0	0	0	
Devils Bridge Wetland	19	8	0	27	
Horseshoe Lagoon	0	0	0	0	
Normanby Lagoon	11	4	0	15	
Old Orari Lagoon	11	5	0	16	
Opihi Lagoon	48	23	0	71	
Opihi Lagoon Nth Arm	12	8	0	20	

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Opihi Lagoon Sth Arm	6	3	0	9
Orari Lagoon	1	1	0	2
Otipua Wetland	0	0	0	0
Pareora Freezing Works	0	0	0	0
Pareora Lagoon	0	0	0	0
Pig Hunting Creek Lagoon	0	0	0	0
Rooneys Pond	38	28	10	76
Saltwater Creek	2	2	0	4
Smithfield Settling Pond	0	0	0	0
Spider Lagoon	6	5	0	11
Wainono Lagoon	179	89	27	295
Wainono Reserve	134	95	0	229
Washdyke Lagoon	14	9	0	23

Region

Eastern

Site	Males	Females	Unknown Sex	Total
Aniwhenua Lake	0	0	16	16
Awaiti Wildlife	18	12	0	30
Bookers Pond	0	0	0	0
Braemar Lagoon	4	1	0	5
East Valley Pond	0	0	0	0
Kaituna Cut	9	7	2	18
Kaituna Wildlife	1	1	0	2
Kawerau Road Pond	0	0	4	4
Marsden Cove Ponds	0	0	0	0
Matata Wildlife Refuge	4	4	0	8
Poverty Bay Golf Club	16	13	0	29
Repongaere Lake	0	0	0	0
Rerewhakaaitu	5	0	10	15
Rotomahana Wildlife	1	1	0	2
Rotoroa Lake	7	4	20	31
Tamurenu Lake	0	0	0	0
Thornton Lagoon	7	4	0	11
Whakaki Lagoon	0	0	0	0

Region

Hawke's Bay

Site	Males	Females	Unknown Sex	Total
Clive East Road	0	0	0	0
Horseshoe Lake	7	4	0	11
Lagoon Farm	97	65	0	162
Pirimu	9	6	0	15
Poukawa	0	0	1600	1600

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Roto O Kiwa	7	5	0	12
Turfrey Swamp	0	0	0	0
Waitangi (Horseshoe)	0	0	0	0
Westshore Ponds	96	66	120	282
Whatuma	11	8	77	96
Willow Dam	3	2	0	5

Region

Nelson/Marlborough

Site	Males	Females	Unknown Sex	Total
Bell's Island	9	2	0	11
Best Island	0	0	0	0
Big Lagoon	0	0	240	240
Coastal Highway Pond	0	0	0	0
Corder Pond	0	0	0	0
Havelock Estuary	0	0	125	125
Kumaras/Oxidation Ponds	32	19	0	51
Kumera Estuary	0	0	0	0
Lake Grassmere	0	0	0	0
Lower Waimea River	0	0	0	0
Maori Lookout	0	0	1190	1190
Mapua	0	0	0	0
Mapua School	0	0	0	0
Motueka River mouth	2	1	0	3
Motueka Sandspit	0	0	0	0
Moutere Inlet	0	0	0	0
Mouth of O'Connor's	0	0	0	0
Oxidation Ponds	0	0	52	52
Pearl Creek	0	0	0	0
Port Motueka Estuary	0	0	0	0
Te Aropipi Channel	0	0	0	0
Traverse	0	0	0	0
Wakapuaka Oxidation	34	14	0	48
Wakapuaka Pond	57	23	0	80

Region

North Canterbury

Site	Males	Females	Unknown Sex	Total
A&P Ponds	7	5	0	12
Bromley Sewage Ponds	11	10	0	21
Brooklands Lagoon	90	54	42	186
Cheviot Settling Ponds	10	3	0	13
Coopers Lagoon	4	4	1	9
Greenpark Sands (Lake	6	6	2	14

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Harts Creek Reserve	11	12	0	23
Kaiapoi Wastewater	869	261	0	1130
Lake Ellsmere - Kaituna	3	4	0	7
Lake Forsyth	31	13	0	44
St Annes Lagoon	67	36	0	103
Styx Mill Reserve	17	8	0	25
The Sister Ponds	7	3	0	10
Travis Wetland	43	45	0	88
Tutaepatu Lagoon	253	342	217	812

Region

Northland

Site	Males	Females	Unknown Sex	Total
Ararua	2	0	0	2
Borrowcut Wetland	0	0	0	0
Dargaville (Oxidation	1	0	0	1
Flaxmill Wetland	1	1	0	2
Glinks Gully	0	0	0	0
Greenheart Pond	0	0	0	0
Hikurangi Oxidation	1	0	0	1
Hokianga (Rawene	0	0	0	0
Hospital Pond	3	3	0	6
Kaeo Oxidation Ponds	0	0	0	0
Kaitaia Oxidation Ponds	3	2	0	5
Kaiwaka Rail Pond	0	0	0	0
Karikari Oxidation Ponds	0	0	0	0
Kawakawa Wetlands	57	34	0	91
Lake Manuwai	0	0	0	0
Lake Omapere Kaikohe	0	0	0	0
Lake Ora	3	2	0	5
Lake Owhareiti	3	3	0	6
Mangawhai Pond	0	0	0	0
Maungaturoto Oxidation	0	0	0	0
Ngunguru Oxidation Pond	8	3	0	11
Omaha Wastewater	28	22	0	50
Opahi Swamp	0	0	0	0
Port Marsden Hwy Ponds	0	0	0	0
Red Hill	0	0	0	0
Riverside Drive	28	9	0	37
Rototuna	0	0	0	0
Ruakaka Oxidation	0	0	0	0
Taipa Marsh	0	0	0	0

	Taipa Oxidation Ponds	9	3	0	12
	Waipu Oxidation Ponds	0	0	0	0
	Wairua wetlands	0	0	0	0
	Waitangi Wetlands	0	0	0	0
	Waro Lake	0	0	0	0
	Whangarei	0	0	0	0
Region	Otago				
	Site	Males	Females	Unknown Sex	Total
	Balclutha Backwater	20	12	0	32
	Balclutha Oxidation	4	4	0	8
	Blakelys Dam	12	8	0	20
	Blueskin Bay	0	0	0	0
	Borrow Pits	20	15	0	35
	Camerons Dam	9	4	0	13
	Carr's Oxbow	0	0	0	0
	Catlins Lake	130	70	0	200
	Creamery RD Pond	0	0	0	0
	Duffys Lane	0	0	0	0
	Finegand WR	0	0	0	0
	Hawksbury Lagoon	23	14	0	37
	Hoopers Inlet	25	9	0	34
	Inch Clutha WMR	25	20		45
	Kaikorai Estuary	20	18	0	38
	Kaitangita Oxidation	1	1	0	2
	Kogans Bridge Oxbows	6	4	0	10
	Lake Dunstan	29	11	0	40
	Lake Tuakitoto	200	122	0	322
	Lake Waihola	3	3	0	6
	Lake Waipori	5	5	0	10
	Lone Pine Reservior	24	6	0	30
	Mathias Dam	8	4	0	12
	McSkimmings Pond	6	4	0	10
	Merton Arm	0	0	8	8
	Middlemarch Sewage	0	0	0	0
	Old River Channel	1	1	0	2
	Palmerston Oxidation	12	7	0	19
	Patersons Dam	86	58	0	144
	Prison Oxidation Ponds	0	0	0	0
	Puerua River Estuary	1	1	0	2

Ranfurly Sewage	3	2	0	5
Rutherfords Dam	0	0	8	8
Sinclair Wetland	1	1	0	2
Stirling Oxidation	1	1	0	2
Stoney Ck Lagoon	0	0	15	15
Styx	32	21	0	53
Taieri Lake	7	3	0	10
Taieri Mouth School	14	8	0	22
Takitakitoa Wetlands	25	18	0	43
Tapanui Oxidation Ponds	110	42	0	152
Tomahawk Lagoon	3	1	0	4
Tomahawk Lagoon	0	0	0	0
Waikouaiti Sewage	18	8	0	26
Winmill Dam	0	0	72	72
Region	Southland			
Site	Males	Females	Unknown Sex	Total
Acton Downs Pond	0	0	0	0
Big Lagoon	0	0	0	0
City Lagoon	89	118	0	207
Daffodil Bay	80	87	0	167
Dawson City GMA	14	9	5	28
Gore Oxidation Ponds	0	0	398	398
Lake Murihiku	22	15	0	37
Lake Te Anau Outlet	0	0	0	0
Little Lake Waituna	0	0	0	0
Lumsden Oxidation	24	11	0	35
Mahinga Kai Pa site	31	22	0	53
Mataura Oxidation	15	8	0	23
Outlet Area Kakapo	0	0	0	0
Peter Menlove's Pond	0	0	0	0
Riversdale Gravel Pit	0	0	0	0
Ryan's Pond	3	1	0	4
Te Anau Oxidation Ponds	7	5	0	12
Waimatuku Wetland	20	15	5	40
Region	Taranaki			
Site	Males	Females	Unknown Sex	Total
Arrenmore	3	1	0	4
Eltham Oxidation Ponds	16	7	0	23
Hauroto Road	0	0	0	0
Hawera Oxidation Ponds	54	19	0	73
				29

Julian's Lake	0	0	0	0
Kaitoke Lake	0	0	75	75
Lake Herengawe	0	0	0	0
Lake Kohata	0	0	0	0
Lake Marahau	5	2	0	7
Lake Oturi	25	12	0	37
Lake Pauri	10	3	0	13
Lake Rotokauwau	14	4	0	18
Lake Waiau	0	0	0	0
Lake Waikato	0	0	10	10
Lake Waipu	0	0	28	28
Lake Westmere	0	0	0	0
Lake Wiritoa	0	0	0	0
Lower Ball Road	7	2	0	9
Lower Taumaha Road	2	2	0	4
Manaia Oxidation Ponds	0	0	0	0
Milne's Lake	0	0	0	0
Nowell's Lake	0	0	0	0
Opunake Oxidation Ponds	0	0	0	0
Opunaki Lake	27	13	0	40
Patea Oxidation Ponds	8	5	48	61
Stratford Oxidation Ponds	47	10	0	57
Waverly Oxidation	0	0	0	0
Region				
	Wellington			
Site	Males	Females	Unknown Sex	Total
Barton's Lagoon	1	1	0	2
Carex Grove	21	17	0	38
Carterton Sewage Ponds	0	0	0	0
Duncans Lagoon	5	6	0	11
Featherston Sewage	0	0	0	0
Lake Omanu	3	0	14	17
Lake Omanuka	18	10	0	28
Lake Wairarapa -	0	0	0	0
Lake Wairarapa -	56	56	0	112
Lake Wairarapa -	0	0	0	0
Lake Wairongomai	1	1	0	2
Matthews Lagoon	3	3	0	6
Otaki Sewage Ponds	50	33	0	83
O-Te-Pua Wetland	3	2	0	5
Pounui Lagoon	0	0	0	0

	Pukepuke Lagoon	55	20	0	75
	Smiths	8	2	0	10
	Voss Lagoon	5	0	0	5
	Waikanae Sewage Ponds	0	0	0	0
	Wairoa Pond	0	0	158	158
	Waiterere Beach Road	0	0	0	0
Region	West Coast				
	Site	Males	Females	Unknown Sex	Total
	Barry Town Lagoon	33	19	0	52
	Bisset Ponds	3	3	0	6
	Blaketown Lagoon	33	19	0	52
	Bradshaws Wetland	0	0	0	0
	Buller Lagoon	13	10	0	23
	Hokitika Oxidation	44	21	0	65
	Karoro Oxidation Ponds	6	2	0	8
	Lake Brunner - Iveagh	1	1	0	2
	Lake Brunner - Swan	2	1	0	3
	Lake Ianthe	1	1	0	2
	Lake Poerua	3	1	0	4
	Lake Ryan	27	9	0	36
	Mahinapua	5	7	0	12
	NE Shore Lake Brunner	4	1	0	5
	North Cobden Lagoon	1	1	0	2
	Okuku Reservoir	2	1	0	3
	Pheonix Meat Works	0	0	0	0
	Runanga Oxidation Pond	16	5	0	21
	South Cobden Lagoon	0	0	0	0

Appendix 6

Count site details

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Northland	Ararua	428	Q08	2615200	6570700	1704583.26	6008865.60	12.4 km on Ararua Rd from SH 12. 10 Ha irrigation lake on edge of road Jackson's property.
Northland	Aupouri Forest (Lake 5km North of Lake Bulrush)	153	N03	2509030.3	6722020.7	1598065.00	6159828.00	Travelled 5km North of Lake Bullrush to un named lake . Situated in D.O.C RESERVE.Just North of Swan Lake.The Grid ref for this is wrong. Have change GR but not sure if this is the site???
Northland	Aupouri Forest (Swan Lake)	152	NO3					Access on foot at end of Road
Northland	Borrowcut Wetland (Hikurangi Swamp)	155	Q06	2623885	6622053	1713140.00	6060221.00	Turn West off State Highway 1 next to Hikurangi and follow Jordan Valley Rd until the Wairua River bridge is reached . Cross bridge and turn right then follow stopbank Rd until wetland is reached on the right hand side.
Northland	Bulrush Lake	620	N03	2510982.0	6721553.5			
Northland	Dargaville (Oxidation Ponds)	147	P07	2591291	6585286	1680650.00	6023388.00	Turn left off State Highway 14 just over bridge prior to entering Dargaville. Follow road to pondes.
Northland	Doug Donaldson Kaiwaka	580	Q08	2638100	6559530	1727501.78	5997753.00	Farm track past Burnt? 1/2 round shed off Ranganui Road off Oneriri Road Kaiwaka. Farm for sale. Doug Donaldson 09-431-2228
Northland	Flaxmill Wetland	533	P07	2587286	6589295	1676637.00	6027386.00	Located off Waihue Rd, Northwest of Dargaville (5km). Observed from town end (Southern Pond)
Northland	Glinks Gully	599	P08	2588653	6569098	1678051.00	6007203.00	In gully on left approx. 250m down Glinks Road
Northland	Greenheart Pond	586	P07	2606200	6600400	1695515.33	6038531.98	End of Bob Taylor Rd and walk in
Northland	Hikurangi Oxidation Ponds.	138	Q06	2602600	6602100	1691912.68	6040222.39	Turn left into oxidation ponds off Jordan Valley road from state Highway 1 near Hikurangi.Ponds situated at the end of the raceway.
Northland	Hokianga (Rawene Oxidation Ponds)	143	O05	2556335	6642827	1645574.90	6080820.40	Short drive from township. (Western side of bight) Clear.Bino observation.(7x50)The grid ref for this site was wrong think I have corrected it?? (MM)
Northland	Hospital Pond	619	O05	2556426.0	6643279.8			Below hospital 445m North of Rawene oxidation ponds
Northland	Kaeo Oxidation Ponds	641	P04	2580629	6677540	1669757.00	6115572.00	Omaunu Road North of Kaeo, right into dip Road. 60m over bridge left poplar lined drive. Left at first house marked Belinda? 2580629.6,6677540.3
Northland	Kaikohe	142	P05					Take TePua road off state highway 1. The whole lake has a road in close proximity to the lakes periphery. Bordering landowners are very helpful.

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Northland	kaikohe oxidation ponds	503	P05	2585300	6641500	1674520.69	6079560.64	Accessed of Cumbers Road, South of Kaikohe on Mangakahia Road.
Northland	Kaitaia Oxidation Ponds	608	O04	2531554	6676830	1620708.00	6114727.00	303 Bonnett Road
Northland	Kaiwaka Rail Pond	602	Q08	2638164.0	6559678.5	1727568.00	5997905.00	Off Ranganui Road (past woolshed) new manager is Brett Best 021956-676
Northland	Karikari Oxidation Ponds	606	O03	2544599	6703634	1633671.00	6141554.00	Inland Road Karikari through recycling depot
Northland	Kauri Dairy Company	139	Q06	2601800	6602900	1691111.05	6041020.07	Access is via Dairy farm raceway prior to Dairy Company entrance when heading North.Follow race until settling pond is reached.
Northland	Kawakawa Wetlands	504	P05	2606200	6644800	1695402.89	6082913.50	Off Mill Road near Kawakawa on SH1
Northland	KeriKeri Oxidation Pond (Waitangi Forest).	150	P05					Access is via Te Wairoa Rd near Haruru Falls.Check Topo for details.
Northland	Lake Manuwai	531	P04	2589300	6669100	1678445.98	6107158.67	End of Sandys Road Kerikeri
Northland	Lake Omapere Kaikohe	426	P05	2581900	6649300	1671101.89	6087348.06	6 km North of Ohaewai on SH 1
Northland	Lake Ora	506	Q06	2601100	6602700	1690411.86	6040818.43	Able to walk around lake. Lake area approx 7 acres.
Northland	Lake Owhareiti	425	P05	2596400	6645500	1685605.22	6083587.71	Accessed off Ludbrook Road off SH 1 at Pakaraka
Northland	Mangawhai Pond	594	R08	2652094	6568039	1741472.00	6006293.00	The sanctuary gated subdivision wetlands and ponds off Robert Hastie Drive
Northland	Marua	141	Q06					Private irrigation dam. Access through farm.
Northland	Matakohe (Murphys Rd)	149	Q08					Turn right off State Highway 12 when heading to Ruawai into Oparakau Rd. Follow Rd till Ball Rd is reached . Follow Ball Rd, then take the first left into Murphy Rd. Irrigation dam is 12 Hectares in size on private property.
Northland	Maungaturoto Oxidation Pond	648	Q08	2633916	6564911	1723307.00	6003123.00	
Northland	Mimiwhangata Coastal Park	502	Q06	2640300	6610300	1729578.42	6048512.91	
Northland	Ngunguru Oxidation Pond	607	Q06	2646459	6618336	1735715.00	6056562.00	Off Waiotoi Road on LHS long driveway opposite No. 3132 Ponds tucked into hill
Northland	Omaha Wastewater Treatment	646	R09	2667271	6537106	1756717.00	5975401.00	64 Jones Road, Warkworth. Alastair Chisholm is the person in charge at Jones Road and very helpful. (021 833 494). We counted from this location: -36.354672, 174.747055 Which can be easily accessed from the carpark here: -36.353942, 174.746357
Northland	Opahi Swamp	505	P06	2603800	6633500	1693033.07	6071612.01	Off Matawai-Marommaku road swaamp right hand side of road near Maromaku from SH1
Northland	Port Marsden Hwy Ponds	595	Q07	2641801	6591965	1731124.00	6030187.00	3.9km on right from Marsden point roundabout on SH15A opposite Development gravel site Access through farm gate then Ta5ranaki gate.

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Northland	Pouto Peninsula (Lake Rotokawau)	144	Q09					Turn right just before road bridge on Pouto road. Bridge is approx 2.5km before the end of the road. Follow road until Lake is sighted on the right hand side.
Northland	Pouto Peninsula (Lake Rotopouua)	146	P09					Turn right off Pouto Peninsula onto Ari Ari Rd, follow road until the first track on the left is encountered. Follow track until lake is spotted.
Northland	Pouto Peninsula (Lake Rotouana, Northern most))	148	P09					45 KMS from Dargaville on Pouto Rd. Lake is visual from road on right hand side heading South.
Northland	Pouto Peninsula (Lake Waingate)	145	Q09					Same as Lake Rotokawau except lake is on the left hand side of the road as one proceeds.
Northland	Rawene	613	O05	2556424	6643287	1645650.30	6081277.00	393 Rawene Road Private Pond off Rawene Road between oxidation pond and hospital
Northland	Rawene Wetland	593	O05	2556620	6640771	1645656.70	6081268.00	Off Rawene Rd park in old siding 1.5km up Rawene Road on RHS. Walk into plantation forest to view wetland
Northland	Red Hill	427	R08	2589930	6569924	1679326.00	6008030.00	Off Red Hill Cemetery Road on Leith McKenzie property
Northland	Riverside Drive	642	Q07	2632655	6606728	1721945.00	6044923.00	
Northland	Riverside Drive Oxidation Ponds	647	Qo7	2632655	6606728			
Northland	Rototuna	618	P09	2604022.1	6549422.2	1693507.70	5987566.50	45 KM from Dargaville on Pouto Road
Northland	Ruakaka Oxidation	424	Q07	2643316	6591619	1732640.00	6029845.00	Ponds off Imovale Road
Northland	Smiths Irrigation	552	Q06	2621440	6622200	1710694.86	6060361.46	Private Farm Race Leading from Tanekaha Road, Off Jordan Valley Road
Northland	Souther Irrigation Dam Kerikeri (Lake Waingarua)	415	P05	2590800	6659500	1679970.88	6097566.86	Access on foot from Wiroa Road Past Kerikeri Airport.
Northland	Taipa Marsh	604	O04	2551397.5	6688424.5	1640538.00	6126180.00	242 Taipa View Road
Northland	Taipa Oxidation Ponds	605	O04	2552410	6689067	1641536.00	6126937.00	Off Taipa Orruru Road
Northland	Waipu	135	Q09	2604000	6507800	1693527.47	5945965.42	Situated near township. The grid ref for this site is wrong
Northland	Waipu Oxidation Ponds	596	Q08	2643162	6579379	1732515.00	6017608.00	120 Nova Scotia Drive, Fontera supplier #11742. Take farm track to the right follow the river for 1km then turn left onto farm track heading into dune scrub on hill
Northland	Wairua wetlands	592	Q06	2620612	6620314	1709872.00	6058474.00	F&G and DoC sign on swamp Road just past Ballance Fert Silo on LHS Road
Northland	Waitangi Wetlands	151	P05	2602988	6664331	1692141.00	6102428.00	Check topo for access via Kerikeri township.
Northland	Waro Lake	570	Q06	2627445	6623010	1716695.66	6061186.36	Go into Hikurangi township, drive past recycling/rubbish station down side road (east of main road). Lake at end of side road.
Northland	Wellsford	134	Q09	2648700	6542500	1738138.12	5980751.82	First turn right off State Highway 1 past Golf Course. Oxidation ponds situated at end of road.

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Northland	Whakapara River	140	Q06	2602400	6602700	1691711.29	6040821.64	Access off state highway 1 where the road crosses the Whakapara river. Follow Southern river bank.
Northland	Whangarei	154	Q07	2630390	6605356	1719684.00	6043545.00	Aprox 1km down RewaRewa Rd off State Highway 1 when entering Whangarei. Easy access from road edge through gates. District Council owned property.
Auckland/Waikato	Beachlands	433	R11	2677500	6487400	1767053.23	5925721.99	North Beachlands Marina "Pine Harbour"
Auckland/Waikato	Black Lake, Chapman Road	378	S13	2691300	6418900	1780983.81	5857246.27	
Auckland/Waikato	Caldwells Dam	578	R13	2684715	6417505	1774400.66	5855839.76	Through Andrew Caldwell's Farm, past woolshed, see dam from top of hill. Farm is first on right (North) past Glen Murray Hall SH22
Auckland/Waikato	Cambridge Oxy. Ponds	400	S15	2724300	6364200	1814078.98	5802587.61	
Auckland/Waikato	Cathcart Property	436	S12	2691000	6437000	1780651.49	5875347.38	From Mill Creek, left boat and walked McKenzie stopbank. Scanned Cathcart from McKenzie
Auckland/Waikato	Chick's Pond	391	T13	2732779	6424855	1822461.00	5863276.00	
Auckland/Waikato	Clarks Bay Shelbank	581	R12	2666500	6454000	1756119.65	5892302.03	Private
Auckland/Waikato	David Saxton Wetland	609	R13	2688091	6414632			
Auckland/Waikato	Duck Creek - Tairua	437	T11	2762300	6456800	1851931.41	5895289.85	Access by road (Hikenai-Pauanui Rd 16acre "sanctuary" opp Tanners Sawmill. Small numbers present for last 6 years
Auckland/Waikato	Finlayson Road	376	S12	2703800	6433300	1793459.75	5871670.35	From findlayson Road
Auckland/Waikato	Firth of Thames	377	T12	2731200	6440000	1820853.36	5878422.80	From landing (Pipiroa Landing) Very popular shoveler counts Large number bagged in season
Auckland/Waikato	Fisher Pond	390	T13	2732400	6422500	1822086.09	5860919.71	
Auckland/Waikato	Francis's Pond	559						
Auckland/Waikato	Friedlanders Road Oxidation Pond	561						
Auckland/Waikato	Hahei Oxy. Ponds	387	T11	2760500	6480800	1850080.31	5919295.72	
Auckland/Waikato	Helensville Oxy. Ponds	370	Q10	2639300	6503800	1728824.52	5942040.45	
Auckland/Waikato	Helensville Project Pond	534	Q10	2640000	6501000	1729530.18	5939242.57	From side of Mangakura Road
Auckland/Waikato	Howarth Memorial, Te Aroha	397	T13	2749000	6403000	1838726.60	5841441.67	
Auckland/Waikato	Huntly Oxy. Ponds	395	S13	2702300	6405500	1792008.23	5843863.22	
Auckland/Waikato	Karaka Lakes	535	Q10	2626400	6509200	1715916.69	5947411.89	woodhill Forest Block 7b. Note may be closed due to deer hunting. Access via gate immediately of Lake Kereta (marked no trespassing) thence 100m to locked forest gate, past Karaka Lake No. 1 along Decon Road, thence next track left along forest boundary
Auckland/Waikato	Kidds, Karaka	445	R12	2672500	6456500	1761815.22	5894512.73	
Auckland/Waikato	Kopuatai West	446	T13	2732600	6425900	1822279.99	5864321.15	Checked most ponds from Dagger Road to the Waikaka

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
								River along the side of the Piakp River.
Auckland/Waikato	Lake Areare	406	S14	2704500	6390500	1794233.24	5828864.06	
Auckland/Waikato	Lake B	402	S14	2708500	6389000	1798236.48	5827370.15	Through Andrew Singers property
Auckland/Waikato	Lake C	403	S14	2708200	6389500	1797935.61	5827869.78	Via Andrew Hayes
Auckland/Waikato	Lake D	404	S14	2707200	6389400	1796935.56	5827768.16	
Auckland/Waikato	Lake E	405	S14	2710500	6386500	1800240.91	5824872.77	
Auckland/Waikato	Lake Harihari	412	R16	2661000	6331000	1750813.44	5769295.38	
Auckland/Waikato	Lake Huiputea - Otorohanga	453	S16	2704000	6332600	1793816.87	5770950.45	
Auckland/Waikato	Lake Kimihia	394	S13	2704000	6411200	1793698.87	5849567.09	
Auckland/Waikato	Lake Koromatua	454	S14	2706000	6371500	1795763.02	5809862.40	
Auckland/Waikato	Lake Mangakawere	407	S15	2705300	6361000	1795078.33	5799358.97	
Auckland/Waikato	Lake Ngaroto	408	S15	2710900	6357500	1800684.72	5795866.15	Used walking track around perimeter of Lake - viewing from all outcrops. Started from jetty finishing at rowing club approx 6km walk
Auckland/Waikato	Lake Ohinewai	384	S13	2702500	6409700	1792201.17	5848064.27	From Ohinewai Domain
Auckland/Waikato	Lake Pikopiko	401	S14	2703500	6391000	1793232.24	5829362.56	
Auckland/Waikato	Lake Pokorua	611	R12	2655300	6444200	1744784.00	5882579.00	Awhiitu Peninsula. Private, scoped from private road end off Douglas Raod
Auckland/Waikato	Lake Rotokawau, Ohinewai	383	S13	2704000	6411300	1793698.70	5849667.11	Access canal Waikare-Rotokawau - boated length of lake until too shallow
Auckland/Waikato	Lake Taharoa	410	R16	2662500	6336000	1752307.12	5774297.39	By foot from Taharoa Village
Auckland/Waikato	Lake Waahi	396	S13	2698000	6403000	1787711.71	5841355.64	from crossing, under haulage road tunnel to Coalcorp plantings, to marae and back (includes bays and streams)
Auckland/Waikato	Lake Waikare	380	S13	2706000	6417500	1795688.34	5855871.66	From yacht club to refuge islands then down lake to Rotokawau entry.
Auckland/Waikato	Lake Whangape	385	S13	2690000	6413700	1779692.65	5852043.51	from Shuggs Landing to SE Arm to Swann Island to Tikotiko arm and back.
Auckland/Waikato	Leighton's Lake	542	Q10	2631000	6511300	1720510.93	5949521.00	95 Tuparekura Road
Auckland/Waikato	Main Karaka Lake	530	260 (sheet Q10)					Parked car in Wilson's Road (at south end of Main Kareta Lake) Crossed private property of Geoff and Belinda Ward (025 933 729) to get to eastern edge of Woodhill Forest. Followed a well formed track (heading south) that runs along the western margins of the Kareta South Lakes (H2+3) and also the Main Karaka Lake.
Auckland/Waikato	Mangere Water Storage Ponds	371	R11	2667000	6470500	1756587.85	5908801.87	Due to major works at the Ponds access is limited to Perimeter Roads
Auckland/Waikato	Matarangi Oxy. Ponds	386	T10	2749500	6493300	1839049.38	5931775.87	
Auckland/Waikato	Meremere Power Station	652	S12	2693707	6430480	1783371.00	5868832.00	Roadside off SH pull in area by Meremere
Auckland/Waikato	Meremere WWTP	598	S12	2694020	6430110	1783684.00	5868462.00	Drive along Island Block Road Treatment pond on RHS when coming off SH1 500m from turnoff

Location by region								
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Auckland/Waikato	Miranda	467	S12	2716200	6443800	1805842.41	5882195.28	South of Pukorokoro and Miranda Streams
Auckland/Waikato	Murray Young Wetland	616	S13	2704380	6405445	1794089.00	5843812.00	Drive down Evans Road, over bridge, wetland on right.
Auckland/Waikato	Ngaruawahia Oxy. Ponds	399	S14	2700500	6393100	1790228.31	5831458.12	Park in entrance to /ponds and walk approx 80 mtrs to ponds which are visible from the road
Auckland/Waikato	Otorohanga Oxy. Ponds	409	S16	2705000	6334500	1794814.65	5772852.20	
Auckland/Waikato	Owera Oxy. Ponds	368	R10	2660500	6510200	1750006.97	5948484.07	
Auckland/Waikato	Paeroa Oxy. Ponds	413	T13	2745500	6421500	1835192.55	5859943.04	
Auckland/Waikato	Patetonga / Piako	389	T13	2732300	6423000	1821985.16	5861419.68	
Auckland/Waikato	Peter Lapwood's	381	S13	2703500	6426500	1793172.00	5864868.76	
Auckland/Waikato	Pike's Pond	558						
Auckland/Waikato	Ralph Road Ponds	393	S13	2701500	6405900	1791207.43	5844261.94	Ralphs Road
Auckland/Waikato	Rhyburns Lagoon	375	S12	2692400	6437800	1782050.14	5876150.01	From creek, walked along stopbank
Auckland/Waikato	Rosedale Oxy. Ponds	369	R10	2663900	6493300	1753442.11	5931593.47	Along southern shore from plant to motorway box tunnel
Auckland/Waikato	Seagrove	548	R12	2667800	6455500	1757416.74	5893804.40	Through private property walked the foreshore from Clarks Creek 3.5km West
Auckland/Waikato	Strakas Refuge	366	R10	2661300	6516200	1750793.93	5954484.87	From weir to opposite teal boxes.
Auckland/Waikato	Te Awamutu Oxy Ponds	411	S15	2711500	6353800	1801290.14	5792166.00	Walked perimeter
Auckland/Waikato	Te Kuiti Oxy. Ponds	414	S16	2698300	6318600	1788133.12	5756940.15	
Auckland/Waikato	Tee Head Pond	392	T13	2739200	6419200	1828894.34	5857630.81	Awaiti Canal
Auckland/Waikato	Thames Oxy Ponds	388	T12	2737000	6445000	1826645.54	5883435.39	
Auckland/Waikato	Tuakau Oxy. Ponds	374	R12	2679700	6435700	1769353.26	5874026.74	From internal roads round ponds off Friedlander Rd
Auckland/Waikato	Waikato Delta	373	R13	2665500	6429200	1755164.95	5867501.43	Hoods Landing. Waikato Delta to top of windy channel.
Auckland/Waikato	Wairewa Oxy. Ponds	367	R10	2661900	6516500	1751393.19	5954786.12	On foot from road entrance along stopbank
Auckland/Waikato	Wattle Downs	372	R11	2678500	6460500	1768106.86	5898824.72	
Auckland/Waikato	Wellsford Oxy Ponds	487	Q09	2648700	6542500	1738138.12	5980751.82	From St1 used Ray McFaddens race to pond entrance - walked perimeter of ponds.
Auckland/Waikato	Whangamarino	476	S13	2699500	6426500	1789171.41	5864861.61	Used boat from end Wattle Rd launched at Herlet's Hut, down Reo Stream, along Suttons causeway to Peninsula, then across country to scan by binoc to Lone Pine
Auckland/Waikato	Whangapoa Harbour	488	T10	2745500	6492500	1835050.00	5930966.87	5 different points including inlets to Opitonui, Owera and Matarangi Stream
Auckland/Waikato	Whitford	489	R11	2674300	6485900	1763856.48	5924215.50	cnr Potts and Clifton Rds - Ayrles Pond owner Bev Conner
Auckland/Waikato	Whitianga Harbour	490	T11	2750500	6479500	1840079.61	5917973.82	Via various farms and by boat
Auckland/Waikato	Whitianga Oxy. Ponds	379	T11	2751000	6482000	1840574.42	5920475.69	
Auckland/Waikato	Whitney's Lake	382	S13	2692900	6416500	1782588.15	5854848.79	From roof of Whitney family hut.
Eastern	Aniwhenua Lake	12	V16	2841000	6312600	1930929.63	5751110.74	Access at Rabbit Bridge or Dam. Count from Kopuriki Bridge first (upstream and downstream). Good idea to do this area by Kayak and lower lake by motor boat.

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Eastern	Awaiti Wildlife Management Reserve	7	V15	2845300	6357700	1935171.84	5796265.19	Access off Gregg Road.
Eastern	Bethlehem Wetlands	550	U14	2785300	6385828	1875075.17	5824321.37	SH 2 Tauranga, turn right at Bethlehem round-about into Bethlehem Road, right into Westmorland Rise, and follow down to first wetland
Eastern	Bookers Pond	20	V15	2835600	6344200	1925481.79	5782736.64	The outlet is used for sprinklers on the effluent ponds.
Eastern	Braemar Lagoon	25	V15	2838200	6350700	1928074.95	5789247.11	Braemar Road
Eastern	East Valley Pond	21	V15	2836100	6344900	1925981.29	5783438.07	Henarae Kapa 0212232957 (security) Really two ponds. Count top pond when first comes into view as drive down hill (from Hogg Road entrance) and bottom pond once have driven down to bottom of hill and along shoreline short distance adjacent to main pond. This flows into pond 3.
Eastern	Kaituna Cut	27	V14	2811000	6378000	1900806.97	5816529.95	End of Ford Road
Eastern	Kaituna Wildlife Management Reserve	9	U14	2807000	6378000	1896803.76	5816523.38	Access off Parr Road, where road takes a sharp right angle to the West.
Eastern	Kawerau Road Pond	26	V15	2833000	6341000	1922883.74	5779529.69	Kawera Road. Rotopatoka Trust for permission
Eastern	Lake McLaren	416	U14	2777900	6372200	1867692.40	5810672.69	
Eastern	Marsden Cove Ponds	650	Q07	2644328	6594522	1733644.00	6032750.00	
Eastern	Matata Wildlife Refuge	8	V15	2841000	6361500	1930861.40	5800062.57	Access off SH 2. Can get good view from on top of sand dunes.
Eastern	Poverty Bay Golf Club	575	Y18	2944081.6	6269464.3	2034204.53	5708022.12	via Golf Club
Eastern	Repongaere Lake	18	Y18	2934500	6278000	2024598.66	5716564.84	Though John Tuhoe's property. Access track to ridge line which overlooks the lake. 4WD when dry.
Eastern	Rerewhakaaitu	11	V16	2816000	6317000	1905899.64	5755484.23	Access off Brett Road or Ash Pit Road.
Eastern	Rotoitipaku Lake	23	V15	2835800	6342700	1925684.15	5781235.39	As coming from Rotorua to kawerau go through first set of traffic lights (offices go left big car park opposite) there is an overhead road with access to it off to right off SH34. Go over bridge and head towards river will need to phone 07-323-3456 to get to open green gate (Safety Card No. 3395 exp 4/8/2010). From Norsk Skog Effluent Plant
Eastern	Rotomahana Wildlife Refuge	10	V16	2811000	6320000	1900891.49	5758480.64	Turn off Waimangu Road into Wairua Road then follow angler access signs to Lake.
Eastern	Rotorua Lake	19	V15	2836000	6344500	1925881.77	5783037.52	Is called pond 4 & is the pond before the outfall into the Tarawera River. First large pond come to when coming via Hogg Rd entrance is Pond 3 count them (ie 3& 4) as one pond
Eastern	Tamurenu Lake	24	V15	2837500	6346000	1927381.13	5784541.22	Access off SH 30.
Eastern	Thornton Lagoon	532	W15	2851800	6358300	1941678.02	5796875.82	Access off Thornton Road

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Eastern	Urupa Lake	22	V15	2835900	6343000	1925783.82	5781535.84	From Norske Skog Tasman Effluent Plant
Eastern	Whakaki Lagoon	17	X19	2904000	6230000	1994086.47	5668464.55	View from railway line. Eastern side viewed from Max Pakus or A Power? Access via 1st gate on left when traveling from Whakaki to Wairoa when you first reach the lake. Whakaki Farm Brownrig - Manager Wayne Feck Manager 06-838-3998. Other access to the Eastern end can be through via Whakaki Trustees Harold Ngarimu??? Brownrigg Manager Pane Hook 06-8377654. Trustee Paul Teaho 06-8384043. Permission on sign 06-8377901
Taranaki	Arrenmore	640	S22	2702644	6144531			End of Makirikiri Valley road, climb over hill (south) to Arranmore wetland
Taranaki	Eltham Oxidation Ponds	576	Q20	2622590	6195320	1712529.87	5633586.41	
Taranaki	Geary Road	45	Q21	2629900	6167800	1719853.95	5606073.01	Southern side of Manutahi Raod at the Geary Road corner. Go into paddock on LHS of lake
Taranaki	Huroto Road	622	Q21	2615186	6178546	1705136.00	5616810.00	Irrigation pond on Huroto Road north of Hawera.
Taranaki	Hawera Oxidation Ponds	41	Q21	2618900	6176200	1708850.85	5614466.65	Off Fairfield Road off SH3 or Manawapou Road
Taranaki	Hawken's Lagoons	52	R22	2653600	6150300	1743560.82	5588584.21	Off the end of Hawken Road, follow track round to the right and along fence line. Climp to top of highest mound.
Taranaki	Ihupuku Road pond	50	R22	2652200	6155700	1742158.63	5593983.67	Ihupuku Raod opposite the end of Lennox Road
Taranaki	Julian's Lake	40	P21	2587000	6190200	1676949.42	5628446.86	Michelle & Richard Julian Off SH45 just north of Watino Road
Taranaki	Kaitoke Lake	56	R22	2687100	6136000	1777068.75	5574295.56	Kaitoke Road. From Pritchard property, top of farm track
Taranaki	Lake Grassmere	60	S22	2692900	6133300	1782870.53	5571597.06	SH3, From drive way track shown on topomap
Taranaki	Lake Herengawe	49	R22	2650300	6155500	1740258.71	5593782.84	From Ihupuku Road
Taranaki	Lake Kohata	57	R22	2687600	6135000	1777569.14	5573295.58	Kaitoke Road. Access track from road
Taranaki	Lake Marahau	54	R22	2665600	6149700	1755561.52	5587989.06	Waitotara. Marahau Road, 'Marahau'. Follow tracks to southern and northern ends of lake
Taranaki	Lake Oturi	48	Q22	2649000	6157200	1738957.99	5595482.27	Rob Amon 0274713767 063465812 On RHS of Waverley Beach Road heading toward the sea. Entry on lake front (drives birds to far side of lake), then enter Dairy No.90, go into left hand paddock at the second set of gates (the one with a single pine tree in it), go to far bottom corner of paddock, across stile, out on boardwalk to maimai
Taranaki	Lake Pauri	59	R22	2689500	6134300	1779469.66	5572596.11	Pauri Road. At east end of lake, from road

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Taranaki	Lake Ratapiko	537	Q19	2624800	6221300	1714722.60	5659565.00	Ratapiko Rd. Access at boat ramp for power boat arm of the lake. Access at ski club for ski arm of the lake.
Taranaki	Lake Rotokauwau	61	S22	2694000	6132600	1783970.94	5570897.29	SH3 Ken McDowall's place
Taranaki	Lake Waiiau	51	R22	2654000	6154800	1743959.02	5593084.43	Chris & Carley Amon 063465533 Off Ihupuku Road, walk from southern end half way up the north-western side
Taranaki	Lake Waikato	53	R22	2662800	6151300	1752760.72	5589588.02	Russell Road, stables entrance. Roger Handley 3074 SH3 to access Northern end of lake follow race.
Taranaki	Lake Waipu	63	S23	2694000	6126900	1783972.65	5565196.34	Rangatahi Road. Through gate with railway irons down to below woolshed
Taranaki	Lake Westmere	55	R22	2681000	6143600	1770965.30	5581894.40	Rapanui Road. Enter at Westmere Refuge sign
Taranaki	Lake Wiritoa	58	R22	2688400	6134600	1778369.39	5572895.79	SH3&Kaitoke Road. North arm accessed from Campbell's property (SH3), view points also ski club and Scoutlands
Taranaki	Lower Ball Road	46	Q21	2630500	6166400	1720454.57	5604673.41	Mark Shrider 0276688176 Up farm race by cowshed and onto gravel track to centre of crescent shaped lake
Taranaki	Lower Taumaha Road	44	Q21	2627800	6169700	1717753.19	5607971.83	Edna Saxton 067589290 Glenn Wingate Through gate on RHS near lower end of lower Taumaha Road, Manutahi
Taranaki	Manaia Oxidation Ponds	612	P21	2606256.7	6180383.3			At the end of Sutherland road
Taranaki	Milne's Lake	43	Q21	2620800	6175700	1710750.89	5613967.68	Left hand lake at the end of Nowell Road off Manawapou Road Hawera
Taranaki	Nowell's Lake	42	Q21	2620400	6176000	1710350.78	5614267.44	Paul Roberts 021360260 Right hand lake at the end of Nowell Road off Manawapou Raod, Hawera
Taranaki	Opunake Oxidation Ponds	574	p20	2581760	6195350	1671707.95	5633592.44	Off SH 45
Taranaki	Opunaki Lake	603	P20	2584205.7	6193857.6	1674184.50	5632050.60	?
Taranaki	Patea Oxidation Ponds	536	Q22	2637200	6159000	1727157.55	5597276.98	From gate on Motor Camp Road
Taranaki	Ratana Oxidation Ponds	62	S23	2694900	6127200	1784872.72	5565496.66	Rangatahi Road, 2 ponds
Taranaki	Spence Road	47	Q21	2632500	6165200	1722455.00	5603474.45	RHS by old dairy shed. Park by shed and walk across concrete crossing and then left to centre of crescent shaped lake
Taranaki	Stratford Oxidation Ponds	577	Q20	2622480	6206170	1712413.15	5644435.12	Victoria Road Stratford
Taranaki	Waverly Oxidation Ponds	546	Q22	2649200	6158300	1739157.52	5596582.35	Turn right over railway line 700m down Waverly Beach Road from Waverly.
Hawke's Bay	Clive East Road	587	v21	2847900	6172800	1937943.61	5611168.80	Estuary that starts at the end of old Ferry Road in Clive. There is a cycle path along the estuary
Hawke's Bay	Horseshoe Lake	579	v22	2831000	6136000	1921036.00	5574331.00	Access off Mangarara Road. Stop at the gate that's sign posted for lake viewing point - walk along fence at top and walk towards lake for 5- 10m

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Hawke's Bay	Hurimoana Swamp	2	V21	2829700	6176700	1919725.16	5615066.18	Access of Taihape Road. Second gate after cross the Ohiwa Stream. Follow farm track around base of hill. Gate is next to a sheep dip. Farm owners are Selwyn Dorward Alness Farm 644 Taihape Road, Hastings.
Hawke's Bay	Lagoon Farm	589	V21	2842544	6182669	1932579.00	5621046.00	Shallow wetlands by Lagoon Farm parralel to Prebensen Drive West of HW 2B
Hawke's Bay	Oingo Lake	15	V21	2831500	6174500	1921527.54	5612864.87	
Hawke's Bay	Pirimu	4	U23	2806800	6112600	1896820.64	5550911.64	Access off Lake Road. Travel along high ridge Gate is the second? one back from the Lake Road intersection. John & Raymer? Barrett, Lake Station 478 Lake Road.
Hawke's Bay	Poukawa	6	V22	2827100	6151500	1917130.25	5589843.65	Access Settlement Road. Turn left at sign that says Private Access beyond this point. Travel down farm track until hit drain that enters Pokawa from South end. Can Launch boat/kayak here.
Hawke's Bay	Pump House Drain	14	V21	2843100	6183000	1933135.41	5621377.17	Best access is from Tamatea Drive and walking down eastern side of drain.
Hawke's Bay	Roto O Kiwa	3	V22	2823200	6147500	1913227.92	5585839.49	At the end of Boundary Road turn left and follow farm track. Land is managed by Brownriggs. First pod is dry, other one is on the West side of the railway tracks.
Hawke's Bay	Runanga Lake	16	v21	2842700	6186000	1932733.86	5624379.97	
Hawke's Bay	Turfrey Swamp	507	V21	2842800	6187000	1932833.57	5625381.00	From SH2, 200m past Turfrey Rd by Napier airport. Best done early am to get light right.
Hawke's Bay	Waitangi (Horseshoe)	545	V21	2846700	6174900	1936741.76	5613270.49	Off SH2, across Railway. Count from Railway embankment.
Hawke's Bay	Westshore Ponds	13	V21	2843300	6184600	1933335.00	5622978.83	Turn off SH 2 at Westshore on to Watchman Road. Count birds from causway.
Hawke's Bay	Whatuma	529	V23	2811000	6125500	1901022.33	5563820.80	Access sign off Race Course Road by cattle stop (past race course)
Hawke's Bay	Willow Dam	5	U23	2808500	6120500	1898521.15	5558817.06	Access off Nichols Road. Farm House Doug Mackie 852 Porongahau Road.
Wellington	Barton's Lagoon	526	S27	2704100	6001800	1794078.83	5440081.24	Form Featherston via Murphy's Line and Lake Domain Road. Barton's Lagoon is immediately north of the toilet block situated under pine trees at Lake Domain, it is immediately west of the adjacent count sites at Lake Domain wetland.
Wellington	Carex Grove Subdivision	643	S24	2699379	6080397	1789361.00	5518687.00	Carex Grove
Wellington	Carterton Sewage Ponds	497	S26	2720300	6015400	1810282.48	5453679.88	Turn off SH 2 onto Dalefield Road. Entrance to sewage ponds is sign posted.
Wellington	Duncans Lagoon	232	S24	2723200	6096600	1813185.33	5534895.94	Owner: William Duncan 0274431998

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Wellington	Featherston Sewage Ponds	528	S27	2707700	5994900	1797677.69	5433180.25	Turn off State Highway 53 onto Donald Street and then turn right onto Viles Road. Entrance to sewage ponds is the first turn on the left along Viles Road.
Wellington	Foxton 3	495	S24	2701400	6083800	1791382.36	5522090.61	
Wellington	Foxton 4	562	S24	2701415	6084495	1791397.29	5522785.72	Nigel Sexton 06-329-9797. turn off main road by water tank drive along farm track as far as possible Gap between 3 & 4 on left.
Wellington	House Lake	563	S24	2701600	6086500	1791582.09	5524791.06	1st lake on LHS of Rd, En route to Lake Koputara. Mr Sexton 06-329-9797
Wellington	Kaikokopu Lake	566	S24	2702205	6089790	1792186.78	5528081.69	Owner Charlie Pederson, Access via Himitangi Beach Road 404. Combination Lock 1310
Wellington	Kourarau Dam	243	T27	2737100	6009300	1827083.65	5447575.98	From Gladstone via Tupurupuru Te Wharau Road
Wellington	Lake Domain wetland	238	S27	2704400	6001200	1794378.73	5439481.16	From Featherston via Murphy's Line and Lake Domain Road. To avoid any confusion the count site is not the Lake Domain Lagoon but the wetland immediately adjacent to Simmonds Lagoon at the far eastern boundary of Lake Domain.
Wellington	Lake Koputara	228	S24	2701800	6086900	1791782.08	5525191.15	Owner: Tom Willis 06 327 7397
Wellington	Lake Omanu	229	S24	2700900	6081600	1790882.51	5519890.21	Owner: Wellington Fish and Game
Wellington	Lake Omanuka	226	S24	2707700	6094900	1797682.06	5533193.38	Owner: Cameron McKelvie 06 324 8526
Wellington	Lake Pukekura	230	S24	2714000	6081600	1803984.87	5519891.44	Contact: Richard and/or Geoff George, 06 363 8576
Wellington	Lake Rotomahana	235	S25	2694500	6063500	1784482.85	5501787.31	Off Hokio Beach.
Wellington	Lake Rotowhero	225	S23	2708700	6116500	1798678.24	5554798.16	Owner: Jim McDonald 06 327 5566
Wellington	Lake Wairarapa - Lake Domain	239	S27	2704100	6001400	1794078.76	5439681.22	From Featherston via Murphy's Line and Lake Domain Road. Count site is immediately in front of the stand of Radiata Pine at Lake Domain camping ground.
Wellington	Lake Wairarapa - Oporua Spillway	241	S27	2700400	5994000	1790377.31	5432281.57	Off Parera Road then along the stop bank on the south side of the Oporua Spillway. Count is made from the end of the stop bank.
Wellington	Lake Wairarapa - Otakura Stream	240	S27	2703900	5999000	1793878.31	5437281.13	From Featherston via SH53 and Diversion Road, then access property of Jane Gillett to the mouth of the Otakura Stream.
Wellington	Lake Wairarapa - Western Lake Road	242	S27	2693500	5996400	1783477.69	5434682.79	From Featherston via Western Lake Road. Count is made from the road side adjacent to the lake.
Wellington	Lake Wairongomai	234	S25	2691000	6052800	1780982.70	5491086.14	From Main Street in Otaki, turn onto Te Rauparaha Street, and continue along Convent Road, and then past the Otaki Golf Course onto Wairongomai

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
								Road. The Lake lies to the west of the end of Wairongomai Road across farm land.
Wellington	Lakeview Farm	236	S25	2698500	6066800	1788483.21	5505087.91	Turn off Hokio Beach Road onto Moutere Road. Farm managers residence is at the end of Moutere Road, from this point lagoon can be reached via farm tracks. Contact Lindsay or Wendy Smitt, farm managers.
Wellington	Masterton Sewage Ponds	496	T26	2735500	6020200	1825485.53	5458478.19	Entrance to sewage ponds is sign posted on Manaia Road just south of intersection with Homebush Road.
Wellington	Matthews Lagoon	498	S27	2700300	5991300	1790276.80	5429581.52	Turn off Kahutara Road onto Parera Road. From Parera Road walk down the access track to the edge of Matthews Lagoon and then follow the eastern shore of the lagoon south past to row of poplars until a clear view of the lagoon can be obtained.
Wellington	Middle Lake	565	S24	2701595	6086810	1791577.05	5525101.11	This Lake is Between Koputara and House Lake
Wellington	Otaki Sewage Ponds	500	S25	2690200	6047300	1780182.60	5485585.68	Turn off SH 1 onto Riverbank Road, the entrance to the sewage ponds is signposted.
Wellington	O-Te-Pua Wetland	527	S25	2693800	6049800	1783782.92	5488085.88	Turn Off Statehighway 1 just before reaching the Forest Lakes Road turn-off on the left heading north. Contact landowner Graham Booth to arrange access (04 476 9603 or 06 364 5584)
Wellington	Pounui Lagoon	499	R28	2687800	5980300	1777774.82	5418583.86	Turn off Western Lake Road and travel along the stop bank that forms the northern shore of Lake Onoke.
Wellington	Pukepuke Lagoon	227	S24	2702400	6093600	1792381.27	5531892.36	Dept Conservation, PNth, 06 350 9700
Wellington	Smiths	494	S23	2710100	6102100	1800081.41	5540395.25	
Wellington	Voss Lagoon	231	S24	2721500	6084300	1811486.27	5522592.69	Owner: Max Voss 06 329 6835
Wellington	Waikanae Sewage Ponds	233	R26	2682700	6037700	1772681.96	5475985.22	Off State Highway 1, via Moana Road, turn left at Waikanae Bowling Club onto Ono Huiawa Street, then onto Field Way and William Street, turn left off William Street onto Rutherford Drive, entrance to Sewage Treatment Plant is at the end of Rutherford Drive, contact Kapiti Coast District Council on 04-9045700 to arrange entry.
Wellington	Wairoa Pond	644	S27	2698523	5993045	1788462.71	5431519.50	Parera Road, Kahutara
Wellington	Waitawa Lake	567	S25	2693500	6051310	1783482.91	5489596.02	Off Forest Lakes Road
Wellington	Waiterere Beach Road Ponds	237	S25	2698500	6068200	1788483.15	5506488.10	Via the McKay property off Waiterere Beach Road
Nelson/Marlborough	Aorere Estuary	309	M25	2480700	6061400	1570725.70	5499669.89	Road
Nelson/Marlborough	Aorere Estuary/Ruataniwha Inlet	310	M25	2481400	6060200	1571425.41	5498470.49	Road
Nelson/Marlborough	Aorere River mouth	308	M25	2482400	6059300	1572424.97	5497570.97	Boat -Ruataniwha Inlet/Aorere Mouth
Nelson/Marlborough	Balfour's Pond	256	P28	2597000	5961800	1686985.24	5400099.77	From road bridge

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Nelson/Marlborough	Bankhouse	268	O28	2569400	5963700	1659392.50	5402002.38	Canoe from south bank
Nelson/Marlborough	Bell's Island	284	N27	2524900	5990700	1614908.00	5428997.53	On NE Pond + other ponds
Nelson/Marlborough	Best Island	285	N27	2523300	5989600	1613308.48	5427897.99	From road. Corner besides estuary + bridges
Nelson/Marlborough	Big Lagoon	251	P28	2603500	5962400	1693483.80	5400698.85	From 4WD Track
Nelson/Marlborough	Carter's Pond	290	N27	2517400	5984500	1607410.17	5422800.13	With permission, downstream pond
Nelson/Marlborough	Casey Road Pond	248	P29	2602400	5946600	1692381.90	5384902.45	From road
Nelson/Marlborough	Coastal Highway Pond	292	N27	2513700	6002800	1603712.54	5441093.93	All ponds cut off by highway, especially freshwater (Easton's)one
Nelson/Marlborough	Corder Pond	279	O27	2536700	5996800	1626704.42	5435095.00	From beside internal road. Remove as no longer holds water
Nelson/Marlborough	Duck Shooter's Access	255	P28	2602000	5960200	1691983.88	5398499.50	Top of terrace & Department of Conservation sign
Nelson/Marlborough	Dune Lake, Wharariki	313	M24	2488200	6077300	1578221.17	5515562.70	From vehicle track
Nelson/Marlborough	Eastern Waimea Inlet	280	N27	2527500	5986800	1617506.91	5425098.68	From Whakatu Drive
Nelson/Marlborough	Elterwater	246	P29	2605800	5933400	1695778.88	5371705.10	Gate/Hill past gravel stock pile, Mrs Sandall's front lawn
Nelson/Marlborough	Ferrer Creek estuary	299	N26	2510600	6014900	1600614.08	5453189.76	From both sides of Lodder Lane
Nelson/Marlborough	Grove Arm (Anakiwa)	269	P27	2586200	5992700	1676190.48	5430993.76	From road
Nelson/Marlborough	Grove Mill	267	P28	2576600	5965000	1666590.70	5403301.27	From behind winery
Nelson/Marlborough	Grovetown Lagoon	263	P28	2591600	5969500	1681587.38	5407798.64	From Crafar maimai, olive nursery to road side
Nelson/Marlborough	Havelock Estuary	274	P27	2573300	5991700	1663293.58	5429994.68	From vantage points from SH6
Nelson/Marlborough	Island Lake, Wharariki	314	M24	2481000	6077200	1571024.67	5515462.18	From vehicle track
Nelson/Marlborough	Kaihoka Lakes	317	M24	2475600	6072600	1565627.68	5510864.12	
Nelson/Marlborough	Kenepuru Head	271	P27	2604400	6003500	1694387.12	5441790.79	
Nelson/Marlborough	Kidney Ponds	253	P28	2604200	5961100	1694183.48	5399399.04	From 4WD Track
Nelson/Marlborough	Kumaras/Oxidation Ponds	297	N26	2512500	6011900	1602513.30	5450190.78	From end of Staples St through estuary to east of ponds down to coastal area
Nelson/Marlborough	Kumera Estuary	501	N26	2511913	6012681	1601927.00	5450972.00	Walk down Northern boundary of Phil Peters horse paddock to get accurate count of birds between Kumueras carpark and oxidation pond carpark
Nelson/Marlborough	Lake Grassmere	247	P29	2609500	5941500	1699479.37	5379802.59	SH 1 Clifford Bay Farm gate
Nelson/Marlborough	Lake Jasper	249	P29	2591200	5948700	1681184.95	5387003.55	From vehicle halfway along lake
Nelson/Marlborough	Lake Otuhie	319	M25	2460300	6057500	1550336.12	5495771.23	
Nelson/Marlborough	Lake Rotoiti (Kaikoura)	245	O31	2558800	5867700	1648780.65	5306033.67	
Nelson/Marlborough	Lake Rotorua (Kaikoura)	244	O31	2558300	5866300	1648280.61	5304634.24	Brian Seddon on both sides of lake
Nelson/Marlborough	Lower Opawa	257						
Nelson/Marlborough	Lower Pelorus	275						
Nelson/Marlborough	Lower Waimea River	282	N27	2521800	5991500	1611809.10	5429797.43	From Rough Island and O'Connors and out to boat ramp on Rabbit Island
Nelson/Marlborough	Mahikipawa Arm	270	P27	2579500	5990500	1669491.98	5428794.62	Boat
Nelson/Marlborough	Mangarakau	318						
Nelson/Marlborough	Maori Is Oxidation Ponds	262	P28	2591400	5969600	1681387.44	5407898.64	Drive along Maori Island Rd

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Nelson/Marlborough	Maori Lookout	252	P28	2602000	5960300	1691983.89	5398599.48	
Nelson/Marlborough	Mapua	289	N27	2518300	5993800	1608310.44	5432096.82	Grossis Point Reserve to Noman's Island
Nelson/Marlborough	Mapua School	590	n27	2517650	5995536	1607661.00	5433832.00	Park at Mapua school - pond immediately behind school
Nelson/Marlborough	Marahau	302	N26	2510800	6023500	1600814.10	5461786.61	High tide roosts at mouth of Marahau
Nelson/Marlborough	Marlborough Ridge	266	P28	2582800	5963100	1672788.88	5401401.09	From Lake View Rd
Nelson/Marlborough	Mississippi (Copp's)	259	P28	2596900	5964700	1686885.60	5402999.14	From True LH Stopbank
Nelson/Marlborough	Motueka River mouth	298	N26	2511500	6013800	1601513.72	5452090.13	From west bank road and from Kaiteriteri Road
Nelson/Marlborough	Motueka Sandspit	296	N26	2512300	6010200	1602313.33	5448491.39	From Motueka Quay only
Nelson/Marlborough	Motupipi Inlet	304	N25	2496100	6040700	1586119.63	5478979.83	Boat - Mouth and estuary of Motupipi.River. On Foot at grid ref
Nelson/Marlborough	Moutere Inlet	291	N27	2514100	6002200	1604112.37	5440494.11	From vehicle, especially at head and beside island
Nelson/Marlborough	Mouth of O'Connor's Creek	287	N27	2519700	5992100	1609709.86	5430397.34	From Hunter Brown Reserve and Equestrian Road
Nelson/Marlborough	Neiman's Creek	281	N27	2523400	5989000	1613408.41	5427298.19	From track leading from corner of Lansdowne Rd and from Best Island road corner
Nelson/Marlborough	North Wairau Bar	261	P28	2598100	5966800	1688085.56	5405098.55	From Department of Conservation track beside large pines
Nelson/Marlborough	Otarawao	272	O26	2567500	6018000	1657495.72	5456288.22	Ask Jeremy Foley
Nelson/Marlborough	Otuwhero	301	N26	2509700	6021300	1599714.51	5459587.44	In estuary from Marahau Road
Nelson/Marlborough	Oxidation Ponds	258	P28	2596900	5963200	1686885.43	5401499.47	All ponds including PPCS
Nelson/Marlborough	Pakawau	311	M25	2483300	6068800	1573324.08	5507066.47	Road
Nelson/Marlborough	Para	265	P28	2589800	5978000	1679788.62	5416296.88	By canoe from new pond outlet to Boat Point and Mackels & return
Nelson/Marlborough	Parapara Inlet North	525	M25	2483300	6054300	1573324.75	5492573.35	Road
Nelson/Marlborough	Parapara Inlet South	306	M25	2483200	6052600	1573224.86	5490874.14	Road
Nelson/Marlborough	Pearl Creek	283	N27	2521000	5990400	1611009.31	5428697.85	End of Cotterel's Rd
Nelson/Marlborough	Port Motueka Estuary	295	N27	2511300	6008000	1601313.62	5446292.21	High tide roost from York Park looking towards Wharf Rd
Nelson/Marlborough	Puponga Estuary	312	M24	2487500	6075800	1577521.62	5514063.37	Road
Nelson/Marlborough	Riverside Pond	293	N27	2500	6000			
Nelson/Marlborough	Riwaka River mouth	300	N26	2510000	6015900	1600014.32	5454189.41	High tide roosts from Kaiteriteri Road
Nelson/Marlborough	Robinson's	273	P25	2578500	6043400	1668492.36	5481682.11	D'Urville Island
Nelson/Marlborough	Rough Island bridge	288	N27	2520800	5991100	1610809.42	5429397.62	Old Waimea R channel to west
Nelson/Marlborough	Saxton Field Pond	513	N27	2528100	5986700	1618106.71	5424998.68	Off Station Road
Nelson/Marlborough	Takaka River mouth	305	N25	2493300	6043100	1583320.74	5481378.74	Boat - Mouth and estuary of Takaka River from Rangitaeata to Waitapu Estuary
Nelson/Marlborough	Taylor Dam	264	P28	2587700	5958900	1677687.16	5397201.55	Flushed lake edges
Nelson/Marlborough	Te Aropipi Channel	254	P28	2599600	5965200	1689585.03	5403498.72	From Boulder Bank, near Waverley wreck
Nelson/Marlborough	Traverse	286	N27	2520400	5992800	1610409.65	5431097.06	From bridge and drive along road on Southern side
Nelson/Marlborough	Triangle Lake	315	M24	2488300	6076800	1578321.16	5515062.95	From East
Nelson/Marlborough	Upper Lagoon	250	P28	2597700	5963300	1687685.25	5401599.36	From Harding's Rd and walkway
Nelson/Marlborough	Upper Moutere Ponds	294	N27	2510700	5990100	1600712.93	5428398.65	Various locations
Nelson/Marlborough	Wainui Inlet	303						
Nelson/Marlborough	Wairau Estuary	260						

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Nelson/Marlborough	Wakapuaka Estuary	276	O27	2546500	6003400	1636501.52	5441692.65	From Maori Pa Rd
Nelson/Marlborough	Wakapuaka Oxidation Pond	277	O27	2537700	6000700	1627704.23	5438993.73	From northern access road
Nelson/Marlborough	Wakapuaka Pond	278	O27	2537500	5999000	1627504.24	5437294.27	Sewerside Drive and adjacent estuary
Nelson/Marlborough	Westhaven	316	M24	2474100	6071000	1564128.54	5509264.83	Ferguson's Letterbox
West Coast	Barry Town Lagoon	573	k31	2371005	5888760	1461051.23	5327117.66	Drive down race on George Coutts (ph: 7311805) farm Count lagoon and small pond adjacent - take kayak to ensure small pond viewed adequately.
West Coast	Bisset Ponds	637	k31	2370467	5881051	1460511.00	5319411.00	
West Coast	Blaketown Lagoon	122	J32	2361500	5859400	1451541.30	5297766.87	Count from Raleigh street and from Floodwall pump station
West Coast	Bradshaws Wetland	638	k29	2387733	5937333	1477786.00	5375671.00	
West Coast	Buller Lagoon	639	k29	2392325	5939417	1482377.00	5377753.00	
West Coast	Hokitika Oxidation Ponds	516	J32	2349200	5824100	1439236.06	5262475.21	View from road.
West Coast	Karoro Oxidation Ponds	621	J32	2360396.6	5856603.6	1450449.80	5294961.60	
West Coast	Lake Brunner - Iveagh Bay	127	K32	2385700	5841900	1475732.66	5280265.80	Boat 150m from shore along western shores of bay to end of Stormy Point
West Coast	Lake Brunner - Swan Retreat	431	K32	2385400	5844800	1475433.24	5283165.22	Count via centre of Lagoon looking to both edges.
West Coast	Lake Ianthe	120	I34	2316000	5792000	1406032.33	5230382.79	Motor from jetty across lake to Raupo then anticlockwise around lake edge (150m off shore) 100m down outlet also.
West Coast	Lake Poerua	129	K32	2386500	5831500	1476530.77	5269867.87	Boat ramp to lake outlet 150m offshore then down middle of lower lake to outlet stream.
West Coast	Lake Rotokino	121	I34	2301000	5780000	1391029.79	5218384.30	Up outlet creek then into western arm of lake. Count from outlet of that lake. Around southern lake edge 150m off shore to White heron lagoon. Then go into arm with hut at the end. (SW corner)
West Coast	Lake Ryan	124	J31	2362500	5862900	1452541.90	5301265.92	Counted from access road to farm and from main road to Pt Elizabeth.
West Coast	Mahinapua	430	J33	2338500	5821400	1428536.74	5259777.52	Anticlockwise around lake 100m off shore - up mirror creek 100m and down lake outlet 200m.
West Coast	NE Shore Lake Brunner	432	K32	2385500	5846500	1475533.52	5284864.83	Start at yacht club ramp travel around Molloy, Howitt and Pah Bays 150m from edge. Stop at entrance to Iveagh Bay (separate count /survey line).
West Coast	North Cobden Lagoon	125	J31	2362000	5861400	1452041.66	5299766.35	Counted from tiphead road then from Jellyman Park for northern end.
West Coast	Okuku Reservoir	636	J33	2365132	5829327	1455167.00	5267699.00	
West Coast	Pheonix Meat Works Pond	128	K32	2376300	5857900	1466337.78	5296264.04	Counted from dumping platform just through gate
West Coast	Runanga Oxidation Pond	123	J31	2366100	5867200	1456142.13	5305564.17	Off Bathhouse Road to oxidation pond outlet.
West Coast	South Cobden Lagoon	126	J31	2362000	5861300	1452041.63	5299666.37	Off stopbank along road edge
North Canterbury	A&P Ponds	627	m36	2475911	5739408	1565938.00	5177714.00	Southside riding for the disabled carpark whin showgrounds off Curletts Road

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
North Canterbury	Bromley Sewage Ponds	131	M35	2487000	5741500	1576997.10	5179888.47	Drove and walked around pond. 6 ponds in all.
North Canterbury	Brooklands Lagoon	633	M35	2486239.6	5755339.6	1576237.00	5193723.00	Survey from several shoreline locations (including observation tower).
North Canterbury	Cheviot Settling Ponds	556	O33	2531545	5821645	1621529.30	5259999.37	
North Canterbury	Coopers Lagoon	205	M37	2454000	5704400	1544012.86	5142799.82	Viewed from McEvedys Road, then drove along beach side to top of lagoon in order to cover all bays.
North Canterbury	Greenpark Sands (Lake Ellesmere)	417	M36	2467200	5715200	1557206.63	5153597.49	From Eglens? At Wolfs Road to Halswell River mouth. NB covers two Maps M36 & M37, E672 to 756, N152 to 210
North Canterbury	Harts Creek Reserve	133	M36	2457800	5713000	1547810.36	5151397.22	Along boardwalk North to South + use of hide. Access off Timber Yard Road
North Canterbury	Janet Stewart Reserve	624	M35	2482416	5749437	1572415.00	5187822.00	Off Lower Styx Rd
North Canterbury	Kaiapoi Wastewater treatment ponds	632	M35	2484641	5758182	1574638.72	5196563.90	Full survey of all ponds - Follow internal perimeter road.
North Canterbury	Lake Ellesmere - Kaituna Lagoon	514	M36	2482000	5713000	1572000.85	5151399.91	Parked vehicle at both ends and walked along old rail embankment.
North Canterbury	Lake Forsyth	130	M36	2492000	5712000	1581996.56	5150401.26	Started from top end of bay near Kinlock? Homestead; round bay to little river; through rushes & swamp & willows along eastern embankment to settlement and to outlet.
North Canterbury	Prestons Ponds	625	M35	2482842	5749482	1572841.00	5187867.00	End of Metehau St (4 ponds)
North Canterbury	Rakaia Lagoon	623	L37	2448971	5701729	1538986.00	5140129.00	Launch boat at ramp and observe from the closed game area to the river mouth
North Canterbury	St Annes Lagoon	203	O33	2525300	5832000	1615287.99	5270351.31	Walked around the North Side from the entrance to Rentoul Park, to a point where the Western end of the water could be seen. Southern side not walked as ewes lambing.
North Canterbury	Styx Mill Reserve	585	M35	2478200	5748900	1568200.36	5187285.40	Styx Reserve Birds on all 3 ponds. Access via public walkway off Styx Mill road.
North Canterbury	The Sister Ponds	204	O32	2530600	5834700	1620586.32	5273049.65	Walked around Southern end of main pond to be able to see all of the water area. NB the pond on the North side of the Sisters Rd alongside the entrance to the main pond was viewed from the road.
North Canterbury	Travis Wetland	626	m35	2485828	5745895	1575831.00	5184676.00	Carpark of Mairehau Rd. Walk to bird hides + access points
North Canterbury	Tutaepatu Lagoon	132	M35	2486000	5764500	1575997.42	5202879.55	This was originally recorded as Woodend Lagoon. Gladstone Road, then walk 400m to lagoon. NB Cannot walk around shore. Or via Tahaitaua coastal park Woodend Beach
Central South Island	All Day Bay Lagoon	77	J42	2343800	5552600	1433917.25	4990981.28	Count from Waianakarua Beach Rd
Central South Island	Bells Irrigation Pond	519	J41	2349500	5588200	1439586.41	5026583.39	Count from Ross road off Ikiwai Raod at Tawhai. Count from road skirting pond.

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Central South Island	Bortons Settling Pond	518	J41	2335800	5589500	1425885.83	5027873.04	Access via angler access/public road off SH 83. count while driving road that skirts pond.
Central South Island	Devils Bridge Wetland	517	J41	2348000	5572200	1438099.23	5010583.41	Devils Bridge Road from Ardgown Road. Source of an Oamaru Creek tributary.
Central South Island	Horseshoe Lagoon	70	K38	2376200	5655300	1466245.90	5093691.63	From end of Connollys road walk south approx 800m along stopbank/beach. Count from beach
Central South Island	Normanby Lagoon	73	J39	2370700	5637800	1460754.19	5076191.40	drive to end of lagoon drive off Normanby road. Count from beach Dune
Central South Island	Old Orari Lagoon	64	K38	2383400	5662300	1473442.22	5100693.34	Walk along beach north of river mouth and count from Beach dune starting near macrocarpas
Central South Island	Opihi Lagoon	69	K38	2378400	5657300	1468444.82	5095692.22	Count from Milford huts
Central South Island	Opihi Lagoon Nth Arm	67	K38	2379400	5658500	1469444.22	5096892.43	Park at the end of White Rd. Walk along stopbank and beach. Count all lagoon and farm pond oxbows as you go. Long walk.
Central South Island	Opihi Lagoon Sth Arm	68	K38	2377900	5656900	1467945.04	5095292.08	From end of Connollys road, north, Count from about the macrocarpus row
Central South Island	Orari Lagoon	65	K38	2382700	5661700	1472742.54	5100093.18	count from stopbank at the end of Parke rd.
Central South Island	Otipua Wetland	72	J39	2370500	5641500	1460552.48	5079890.86	Count from public walking track around wetland
Central South Island	Pareora Freezing Works Lagoon	75	J39	2368100	5632900	1458156.90	5071290.70	Access along beach from freezing works
Central South Island	Pareora Lagoon	76	J39	2367800	5632300	1457857.24	5070690.62	Park adjacent to freezing works, walk south along track and beach to lagoon (approx 500m further along bach from freezing works pond)
Central South Island	Pig Hunting Creek Lagoon	74	J39	2370300	5636900	1460354.67	5075291.32	Access from end of Craigies road off SH1. count from top of beach dune and walk 800m along southern bank to count the top end of the lagoon.
Central South Island	Rooneys Pond	554		2364675	5605575	1454747.90	5043967.15	Access off Myers or Hayman Road via farm track. Count from southern end in paddock.
Central South Island	Saltwater Creek	71	J39	2371500	5641500	1461552.36	5079891.33	Walk true right of saltwater creek from SHWY 1 to sea and then along coast
Central South Island	Smithfield Settling Pond	555		2370370	5646625	1460420.20	5085015.22	Count from car park (deer unloading area) off Westcott Road (back entrance to Smithfield works)
Central South Island	Spider Lagoon	66	K38	2381600	5660700	1471643.07	5099092.93	Access from end of Macaulay rd. walk north along stopbank. Count all water visible until standing near centre of the lagoon complex
Central South Island	Wainono Lagoon	78	J40	2364000	5610000	1454070.20	5048391.16	count using spotting scope from both sides. Western side from the end of Clay road opposite café. Eastern side count from two or more central points whilst driving along beach dune track

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Central South Island	Wainono Reserve	79	J40	2364500	5608600	1454571.01	5046991.65	Access from Poingdestres rd. count from top of dune using spotting scope
Central South Island	Washdyke Lagoon	429	K39	2370426	5647379	1460477.00	5085769.00	Park near train overbridge (assume this is on Bridge Road?), walk along beach, count from two central points on beach.
Otago	Balclutha Backwater	584	H46	2257600	5436200	1347872.88	4874444.55	Behind Nash Park. Accross (NW) from Balclutha township
Otago	Balclutha Oxidation	163	H46	2258359.3	5433436.6	1348648.00	4871593.00	Through gate of sewage pond turn right approximately 250m to point where all of the pond can be seen.
Otago	Big Boggy Burn	583	F9	2182700	5624100	1272689.87	5062388.07	Counting point from 20m above trail, on hill @ 300m from lake. Plus count where possible on North side of wetland
Otago	Blakelys Dam	188	H42	2278300	5556865	1368405.05	4995182.11	#188 off Gimmerburn/ Waipata Rd. Geoff Winmalls new owner 0274380647
Otago	Blueskin Bay	173						Viewed from vantage point approximately 500m past railway on rout to Warrinton?
Otago	Borrow Pits	569	I45	2291850	5467740			View from main road
Otago	Camerons Dam	600	H41	2265059	5575040	1355165.00	5013364.00	Drive up Hills creek Road off Otarehua Road through the Ida Valley turn left into McKnight Road it is right beside the road. (Please check grid reference as this was guess from instructions and Google Earth)
Otago	Carr's Oxbow	423	H42	2273600	5544500	1363716.37	4982807.88	From gate 1/2 way down hill on Pateroa - Puketoi Road LHS
Otago	Catlins Lake	645	H47	2250244	5408999			Access off Papatowai Highway
Otago	Creamery RD Pond	183	H42	2280300	5554300	1370408.31	4992618.29	From Creamery Road
Otago	Diamond Lake	192	E40	2144600	5598100	1234561.39	5036336.51	Old day use picnic area midway off Gly/Paradise Road NE end.
Otago	Duffys Lane	182						Drive along fence line from Duffys lane to end of willow view driveway
Otago	Finegand WR	164	H46	2258668.7	5431631.6	1348966.00	4869808.00	Walked flood bank on SW bank
Otago	Flood Free Borrow Pit	165						
Otago	Frankton Arm	191	F41	2173700	5566800	1263721.26	5005021.82	Kawarau Falls Motor camp pier south side at outlet
Otago	Glenorchy Lagoons	194	E41	2146100	5586000	1236071.84	5024221.70	Elevated above lagoons midway on road eastern shore
Otago	Hawksbury Lagoon	176	J43	2332105	5514605	1422264.47	4952976.47	Waikouaiti - Walked along the stop bank in the centre of Hawksbury Lagoon
Otago	Hoopers Inlet	171	I44	2329000	5480000	1419206.08	4918370.43	Glassed area from Kohuka (outlet) to Hoopers Inlet Road along Hoopers inlet Road to Allans Beech Road, and along road to Murray Farm Point?
Otago	Inch Clutha WMR	161	H46	2259227.0	5434588.1	1349506.00	4872805.00	Drove along road next to main ponds
Otago	Kaikorai Estuary	169						From standing next to bridge on main road.
Otago	Kaitangita Oxidation	159	H46	2266300	5430000	1356587.64	4868259.58	From Road

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Otago	Kidds Rd (Bruhnes)	180						Standing on Southern side of pond
Otago	Kirkpatrick Lake	189	E41	2161400	5566500	1251407.41	5004710.03	Outlet North end of lake
Otago	Kogans Bridge Oxbows	181						
Otago	Lake Dunstan	582	G41	2217000	5580100	1307049.66	5018372.69	Gilmoree Rd off SH6. Drive to end of road through gate walk up hill to get some elevation for glasing
Otago	Lake Hayes	190	F41	2180200	5572500	1270223.05	5010733.85	Bendmeer Reserve and Aslo counted GR 797-737 Mill creek confluence reserve north shore
Otago	Lake Johnson	196	F41	2173600	5569500	1263618.67	5007724.69	Elevated position above lake on east shore
Otago	Lake Tuakitoto	158	H46	2264700	5437900	1354971.93	4876158.73	Stationary from anglers access gate at NE corner of main lake
Otago	Lake Waihola	166	H45	2285500	5462000	1375733.44	4900301.69	From Titi Road (GR 855-620).
Otago	Lake Waipori	168	H45	2285200	5467700	1375423.92	4906002.20	From Bert O'Briens front lawn
Otago	Lone Pine Reservoir	547	I42	2308000	5535700	1398134.26	4974043.84	Off Golden Point Road?
Otago	Mathias Dam	184	H42	2284060	5550026	1374173.87	4988346.86	Access through Anglers Access point off Patearoa - Waipiata Road. From hill behind shooters hut.
Otago	Matukituki Valley	200						
Otago	McSkimmings Pond	571	h41	2265766	5580350	1355844.39	5018664.46	
Otago	Merton Arm	174						Walked 3/4 length of estuary along SH1
Otago	Middlemarch Sewage	179						From access road.
Otago	Minaret Station	199						
Otago	Moke Lake	195	E41	2161200	5568500	1251205.34	5006712.25	Elevated point off track SE corner
Otago	Old River Channel	160	H46	2264788.5	5425851.6	1355085.00	4864073.00	Walked NW side from Sth to Nth mouth of Clutha
Otago	Paddock Bay	198						
Otago	Palmerston Oxidation	178	J43	2332535	5523525	1422683.84	4961896.44	Walked length of pond (West Shore) adjacent to Horse Range road
Otago	Papanui Inlet	172	J44	2331000	5482000	1421202.95	4920373.09	Glassed from Inakays? Road over entrance area, then along Cape Saunders? Road, Papanui Inlet Road to Dicks? Road, then along edge of inlet to cribs.
Otago	Patersons Dam	564	H42					Off Moa Creek Road, Ida Valley Station
Otago	Prison Oxidation Ponds	597	H45	2278851	5453246			Oxidation ponds can be seen off Back Road
Otago	Puerua River Estuary	615	H46	2263984	5424450	1354283.20	4862733.00	Turn off Kaka Point Road down farm track to the fishing hunts at river mouth
Otago	Ranfurly Sewage	187	H42	2282340	5559155	1372444.08	4997476.87	Behind Ranfurly Township
Otago	Reid Lake	193	E40	2145500	5594700	1235464.83	5032932.66	Along high terrace, east side midway?
Otago	Rutherfords Dam	186	H42	2286330	5557895	1376436.51	4996220.44	Off Waipata - Naseby Road. From dam wall at SW corner
Otago	Sinclair Wetland	167	H45	2283500	5464500	1373728.90	4902798.79	From Road to SW at top of the hill (GR 835-645) and from boat ramp
Otago	Stirling Oxidation	162	H45	2262100	5434200	1352378.24	4872452.60	From gravel Road at GR H46 621 342

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Otago	Stoney Ck Lagoon	177						walked along the Southern Shore
Otago	Styx	572	H43	2269842	5527011	1359977.16	4965308.11	Off the upper Taieri - Paerau Road
Otago	Taieri Lake	185	H42	2289400	5554800	1379510.44	4993127.67	From high ground at GR H42 895-545
Otago	Taieri Mouth School	588	I45	2292479	5455891			Off Akatore Rd, Behind Taieri Mouth School
Otago	Takitakitoa Wetlands	601	I45	2291665	5462665	1381896.70	4900975.80	Off Takitakitoa Road - access true left bund wall
Otago	Tapanui Oxidation Ponds	630	g45	2218679	5467543	1308874.00	4905733.00	Access off Duncan Road, Tapanui
Otago	Tomahawk Lagoon (Lower)	170	I44	2319100	5475500	1409313.57	4913856.12	Glassed area from Tomahawk Road
Otago	Tomahawk Lagoon (Upper)	365	I44	2319800	5465600	1410028.91	4903957.94	From behind hall and Northern carpark and track
Otago	Waikouaiti Sewage	175	I43	2327048	5507639	1417216.45	4946004.54	Counted birds by standing on the north shore
Otago	Wanaka Oxidation Pd	201						
Otago	Winmill Dam	617	H42	227667	5556105			Crn of Gimmerurn-Waipiaata Road and Patearoa-Maniotot Road
Southland	Acton Downs Pond	98	E44	2145300	5499400	1235367.46	4937504.68	Adjacent Acton Downs Homestead
Southland	Big Lagoon	543	E46	2138500	5417400	1228710.43	4855380.00	Through Tony Riegers property
Southland	City Lagoon	523	E47	2152000	5409500	1242245.98	4847500.10	
Southland	Daffodil Bay	568	E47	2148718.6	5404877.9	1238971.15	4842864.65	From Sandy Point track to Daffodil Bay - walking track to North and grassed area to West.
Southland	Dawson City GMA	106	D43	2110700	5515700	1200692.24	4953780.36	Via Wilderness Road
Southland	Gore Oxidation Ponds	93	F45	2196200	5446400	1286415.22	4884532.31	Located on southern outskirts of Gore
Southland	Invercargill City Lagoon	538	E47	2152400	5409500	1242646.48	4847501.01	From Bluff Rd, on new walking track
Southland	Invercargill Refuse Pond	102	E46	2152000	5410000	1242244.84	4848000.72	Via city tip
Southland	Lake Murihiku	103	E46	2145700	5412000	1235932.23	4849988.94	Via Mark Sutton's old place. New owner Keryn Crook 03-2131208. 26 Huges Road. Take waders as you will need to wade out about 20m into lake. Be careful as mud becomes very deep about this point. Count done at -46.405518, 168.2622 degrees
Southland	Lake Te Anau Outlet	521	D43	2094400	5516300	1184363.11	4954359.65	
Southland	Lake Te Anau Shoreline	105	D43	2095500	5516300	1185465.10	4954361.12	Shoreline adjacent Te Anau Golf Course
Southland	Little Lake Waituna	92	F47	2177000	5396500	1267304.49	4834543.79	Via eastern end Lake Waituna
Southland	Lumsden Oxidation Ponds	96	E44	2155200	5485700	1245301.66	4923802.09	Located via .5km SW of Lumsden via NS Transport access road
Southland	Mahinga Kai Pa site	635	F47	2177298	5396438	1267603.00	4834483.00	
Southland	Mataura Oxidation Ponds	94	F46	2189600	5434800	1279832.16	4872908.70	Located 1 km south of Mataura on true right of Mataura River
Southland	Outlet Area Kakapo Swamp	107	D43	2101500	5513500	1191479.53	4951564.22	Via public right of way though O. Buckingham farm.
Southland	Peter Menlove's Pond	97	E44	2152300	5476100	1242413.83	4914185.07	At Caroline adjacent State Highway 6

Location by region								
Region	Site	Ref No	Map No	Easting	Northing	NZTM_East	NZTM_Nort	Access Details
Southland	Riversdale Gravel Pit	95	F44	2176000	5472300	1266148.29	4910420.98	Located on Dunn and Cody Road 3kms west of Riversdale.
Southland	Ryan's Pond	99	E44	2137900	5478000	1227991.22	4916063.34	Via Castle Downs Road
Southland	Te Anau Oxidation Ponds	104	D43	2098200	5520700	1188164.13	4958772.53	Adjacent left bank lower Upukeroa River
Southland	Waimatuku Wetland	100	E46	2137500	5417300	1227709.29	4855277.63	Adjacent mouth of Waimatuku Stream
Southland	Wallacetown Oxidation Ponds	101	E46	2148200	5418700	1238420.44	4856703.18	Adjacent Makarewa Stream

Proposed Tukituki Trout Fishing Competition December 2024

Hawkes Bay Fish and Game Council Meeting
Tuesday 10 December.

Prepared by: John Lumsden

Kōrero taunaki - Summary of considerations

Purpose

This report to the Hawkes Bay Fish and Game Council seeks their approval for a Trout Fishing Competition to be held on the TukiTuki river by Sport Fly Fishing NZ 14-15th December 2024 .

Financial considerations

Nil Budgetary provision Unbudgeted

Risk

Low Medium High Extreme

Ngā taunaki – HBFGC Manager Recommendations

The HBFGC Manager recommends that the Hawkes Bay Fish and Game Council:

1. Receive the information.
2. Agree to issuing a permit to the organiser allowing the running of this competition.

Whakarāpopoto - Executive Summary

- 1 Sport Fly Fishing NZ wish to run a trout fishing competition in early December 2024. The Freshwater fisheries Regulations 1983 Part 7A states anyone wishing to hold a fishing competition must have written approval of the Fish and Game Council that has jurisdiction over the waters concerned. This paper seeks council approval for this competition.

Takenga mai - Background

- 2 . Sport Fly Fishing NZ have run their annual Hawkes Bay Regional Championships River fishing competitions on the Tukituki river for a number of years. They seek permission to run a Trout Fishing competition on the Tukituki River, the weekend of 14/15 December 2024, between the hours of 8.00am and 6.00pm between SH2 Bridge to just below the confluence of the Tukipo River.

Kōrerorero – Discussion

This annual Hawkes Bay Regional Championships River fishing competition has been run on the Tukituki river for a number of years, the competition is only open to licensed anglers, is 100% catch and release and is limited to approximately 20 entrants only. The competitors are charged an entry fee, the competition has no monetary prizes; but there is a trophy, “The Hawkes Bay Championship Rivers Trophy” that they compete for. A resource consent fee of \$40 for the competition and a levy of \$5 each per Senior and \$2 per junior is chargeable.

The administrator of the competition must supply Fish and Game with information on number of participants, number of fish caught, time spent fishing and species, sex, length and weight of fish caught, so it does gain us some valuable statistics on the fishery.

Council members have had the opportunity to provide feedback already; all except one respondent agreed to the proposal without any further consultation, one respondent asked for some clarification and wrote as follows – “As long as non-competing license holders are not prevented or pressured not to fish in those areas I’m fine with it”. The organiser has confirmed that no one can or would be prevented from fishing within the area they are fishing, and they would not pressure anyone not to fish. He did say they do advise all the local angling clubs and will post on social media when the competition was being held; giving anglers forewarning there may be high numbers of anglers in that area for the weekend of 14/15 December 2024.

Ngā kōwhiringa - Options

- 3 The Council may
 - a. vote on whether they issue a permit subject to conditions stated

Whai whakaaro ki ngā whakataunga - Considerations for decision-making

Financial Implications

A nominal resource consent fee of \$40 for the competition and a levy of \$5 each per Senior and \$2 per junior is chargeable. There is some staff time cost in seeking council approval, issue permits and processing information.

Legislative Implications

- 4 . The Freshwater fisheries Regulations 1983 Part 7A states anyone wishing to hold a fishing competition must have written approval of the Fish and Game Council that has jurisdiction over the waters concerned

Section 4 Treaty Responsibilities

- 5 I don't believe this breaches any treaty obligations

Policy Implications

- 6 Does it fit with our current policy and strategy of the council? yes

Risks and mitigations

- 7 There is a risk that noncompeting anglers may be frustrated by the presence of competition anglers, fishing on the stretch of river they expected to fish. The situation of "an angler at the river ahead of you" is common outside of competition times, and with lots of alternative areas in central Hawkes Bay shouldn't create a significant issue.
- 8 The Organiser advised, they will let all the local angling clubs know and will post on social media when the competition was being held; giving anglers forewarning there may be high numbers of anglers in that area for the weekend of 14/15 December 2024. There is also the option for HBFNG to post a similar message on our face book page.

Consultation

- 9 Due to the short time frame, Council have already been consulted on this issue. No further consultation is being sought.

Ngā mahinga e whai ake nei - Next actions

- 10 If agreed, to by Council, the staff will issue a permit to the organiser to run this competition.

Operations Report

Species Management

1111 River investigations: Tutaekuri.

Upper Tutaekuri – river walk 14/11/24, a reasonable number of fish seen; a significant improvement over the numbers seen late winter. River investigation Upstream of Redclyffe bridge – several mature and 1- 2 year old fish seen.

Request from Paddy Clarke for fish release into Mangaone river – staff to visit river through his rpiavte access, hopefully complete prior to council meeting.

1118 Waterfowl monitoring programme: swan counts – Lake Poukawa, Whatuma, Roto O Kiwa. Couldn't get to Horseshoe lake due to road closure.

1119 Predator Control: DOC200 traps provided to landowners on request. Request for traps from Puketapu volunteer group under investigation. Staff investigating options for sourcing more traps as current stocks are low, possibility that volunteer group-built trap boxes and FnG supply trap mechanisms.

1122 Gamebird hunter survey: awaiting final report

1161 Liaising with Eastern FnG for supply of 300 fin clipped trout HB team to collect soon.

1181: Gamebird Control: Many requests from growers & pest controllers for permits to disturb Pukeko.

Habitat Protection & Maintenance

1211 RMA Planning. Staff & NZC staff have been liaising with experts and lawyers to present evidence at hearing for the Tranche 2 appeal.

1212 Consent Applications: Weekly reports received from HBRC on consent applications, reviewed by staff.

1231 Maintain & Enhance Gamebird Habitat. Several new wetland projects under investigation/ discussion. The possibility of GBHT application for Lake Runanga at early stages.

1232 Nursery. An agreement has been made with Te Ngahere to take over the rear nursery. Volunteers have been notified and will continue to provide assistance around the grounds where required.

1311 Maintain & enhance access: Staff have been checking signage and access in Mohaka and Central HB and updating information where necessary. Old sign removed from Smalls Farm access point – replaced with 'Licensed angler access only signs" HB FnG to also hold gate keys. Walker road- ongoing legal issue stalling progress - hopeful that HBRC will have this sorted and fencing completed soon so gate can be opened. Following up access concerns on Blind and Rowe Roads. Maintenance to access track at Glennfalls completed early November.

Participation

1312 Signage. Signage updated as necessary. Working with NZC on a redesign of access signs to include Rewild branding and bi-lingual.

1314 – initial meeting with new walking access NZ local representative, to follow up on some specific sites, ideally prior to council meeting.

1331 Weekly fishing reports started 17 October, being sent locally through Mail Chimp and a 'buy licence' EDM sent out via Hothouse in mid October, telling of the great start to the fishing season to those yet to purchase from last year and two seasons lapsed for Hawkes bay region from our database. November Monthly reel life completed, have included an article about Kuripapango lake giving access and angling advice, encouraging anglers to make better use of this resource. We will appreciate help with content and photographs for weekly and monthly newsletters – up to date fishing and river conditions reports will be welcomed.

1333 F&G Website. Website and social media updated regularly.

1352. Angler/Hunter Training. The 6 weeks women's fly fishing course concluded on 3rd November with 16 ladies having participated and the two student groups concluded on 30th October with 17 students completing the course.

1361 Fish & Game Club communications. Ongoing with Hastings anglers regarding river health checks.

1371 Fish & Game Hut. Maintenance checks, weed eating and spraying completed early November. Lock temporarily repaired then ultimately replaced, additional lock was added as it appeared someone had tried to force the door damaging existing lock. Bookings are being encouraged through social media and newsletters. The hut is fully booked over the xmas/new year period.

Public Interface

1441 – Free day licence promotion for 1 December, being run nationally.

1451 Education. Three school visits from Porritt Primary & Hastings Central school with 105 students attending.

1454. Game Farm. More plantings are being established and maintenance work on the new wetland area undertaken. Limestone tracks being laid through the bush area.

1411 Statutory Liaison: Manager & staff met with HBRC staff responsible for gravel extraction and river access. Shared concerns about access via Walker Road and access issues with lower TukiTuki. Meeting with concerned resident from Ellis Wallace road adjacent to Esk river over access, marginal strip and their ownership to middle of river; follow up meeting planned with walking access NZ representative.

1511- Ranging: Staff have been busy ranging since the start of the season incorporating ranging with field work and their own fishing trips, many more 'calling cards' left on vehicles and no major offences detected so far.

3.2 FINANCE REPORT

Ref: 8.03.01

27 November 2024

1. Purpose

To inform the Council of the YTD financial position and approve payments for the month of October 2024, and to approve the proposed budget figures for the Statement of Financial Position, Statement of Financial Performance and Cash flow for the 2024-2025 financial year.

Tables within this report:

Table 1	Other Income to 31 October 2024
Table 2	Profit and Loss to 31 October 2024
Table 3	Balance Sheet as at 31 October 2024
Table 4	Variance Report to 31 October 2024
Table 5	Bank Transactions October 2024
Tables 6 & 7	Credit Card Transactions October 2024
Table 8	Reconciliation of OWP to Financial Statement Budget 2024-2025
Table 9	Fixed Asset Budget for 2024-2025
Table 10	Statement of Financial Performance Budget for the year ended 31 August 2025
Table 11	Statement of Financial Position Budget as at 31 August 2025
Table 12	Statement of Cashflows Budget for the year ended 31 August 2025

2. YTD Profit and Loss

The Profit & Loss statement for the period ending 31 October is provided in Table 2. This report documents the income and expenditure for the second month of the 2024-2025 financial year.

Summary

With licence revenue greater than expenditure a net profit of \$94,324 is reported YTD.

Income

Licence Sales

Fish licence revenue YTD is \$171,605 compared with to an annual budget of \$303,861. Sales are currently reporting higher than for the same period last season (\$47,284) following recovery from cyclone Gabrielle.

A more up to date picture of licence sales performance can be found within the licence sales report.

Other Income \$6,090 YTD (Table 1)

The negative -\$2,333 shown under interest income relates to 2023-24 end of year accruals and this will return to positive figures as term investments mature, and interest is paid.

Table 1: Other Income	Total Budget	YTD Actual
Glen Falls Hut	\$1,500	\$765
Game Farm & Promotional Income	\$8,000	\$3,524
Take a kid fishing		\$223
Sundry Income		\$7
Meeting Room Hire	\$2,000	\$304
Rental Income	\$23,400	\$3,600
Interest Income	\$35,630	-\$2,333
Total	\$70,530	\$6,090

Expenditure

Total expenditure to 31 October 2024 was \$83,294, being 12% of budgeted total expenditure for the 2024-25 financial year which was 17% complete as at 31 October 2024.

Species Management

There are no Species Management expenses reported YTD.

Habitat Protection/Management

There was no spending reported in October in the Habitat/ Protection Management budgets.

Assisted Habitat spending is related to potting mix for the shade house.

Participation

Newsletter expenditure for the period related to the mailchimp subscription fees and an Electronic Direct Mail (EDM) to lapsed participants.

Public Interface

Public Promotions spending relates to the purchase of Fish & Game Caps and neck buffs.

Within the Visitor Facility budgets spending related a small padlock key safe and water meter monitoring for 12 months.

Compliance

There are no Compliances expenses reported YTD.

Licensing

The Commission budget includes agent commission, and the fees associated with the Public Online sales.

Council

A minor expense is reported within the Council budgets related to flowers for a condolence.

Planning

There were no expenses reported in the reporting/audit budget in October.

Administration

- *Salaries* - YTD \$37,026, Total Budget \$355,090.
- *Staff Expenses* - expenses are reported relating staff clothing, staff complimentary licences, and for wine purchased as thank you gifts for volunteers, the pheasant release donation, and banding. Spent YTD \$1,554, total budget \$9,500.
- *Staff House* - no spending in October. Spent YTD \$4107, total budget \$7,700
- *Office Premises* - expenses are reported relating to electricity and rates. Spent YTD \$2,524, total budget \$6,800.
- *Office Equipment* - spending relates to the photocopier lease. Spent YTD \$212, total budget \$2,700.
- *Communications/Consumables* - spending includes photocopying, stationery, phones/internet services and courier fees. Spent YTD \$1,115, total budget \$9,700.
- *General* - expenses include bank fees, a Zoom subscription, and Facebook advertising. Following the audit the insurance premium paid in August was carried through to the September (\$6,947) and this relates to Council's material damage policy. Spent YTD \$12,330, total budget \$8,000. The cost to insure the Huia was unbudgeted at \$4,998 the material damage policy premium was higher than budgeted by \$2,147.
- *General equipment* - expenses relate to the purchase of trekking poles, and replacement of a damaged trailer wheel. Spent YTD \$1,309, total budget \$7,100.
- *Vehicle spending* - relates to fuel, and RUC's, insurance, and registration. Total spending YTD \$10,177 – total budget for year \$14,100. A refund of insurance premiums on the sold vehicle is yet to be received.

3. Balance Sheet

The Balance Sheet as at 31 October 2024 is shown in Table 3 and compares the YTD position with the prior year financial year.

Cash Position: As at 31 October 2024

\$ 134,173	Cash & Call accounts (includes \$1,698 Donations)
\$ 631,729	Investments (includes \$39,721 Donations)
\$ 794,949	Total

Debtors: Outstanding Debtors \$146,491 as at 31 October 2024 (\$44,561 as at 31 October 2023). The October debtor balance includes licence sales at \$145,812, all agent debtors are up to date.

4. Variance Report

The variance report is shown in Table 4. The figures in the "Variance Report" are taken from the Profit and Loss (Table 2), however, this report includes a comparison of staff hours against budget. Overhead costs are allocated against each project based on hours worked on the project giving an internal cost and a total project cost.

YTD actual staff hours are entered for each project to provide Council with an overview of the staff time component of the Operational Work Plan.

Table 2 Profit and Loss

Hawke's Bay Fish and Game Council For the month ended 31 October 2024

	OCT 2024	YTD ACTUAL	TOTAL BUDGET	REMAINING	% REMAINING
Income					
Licence Income					
Fish Licence Income	104,634	171,605	303,861	(132,256)	(44)
Game Licence Income	-	-	160,902	(160,902)	(100)
Total Licence Income	104,634	171,605	464,763	(293,158)	(63)
Other Income	2,643	6,013	78,947	(72,934)	(92)
Total Income	107,277	177,618	543,710	(366,092)	(67)
Operating Expenses					
Depreciation	2,126	4,252	26,666	(22,414)	(84)
1100 SPECIES MANAGEMENT					
1110 Population Monitoring	-	-	28,000	(28,000)	(100)
1120 Harvest Assessment	-	-	2,000	(2,000)	(100)
1160 Releases	-	-	1,500	(1,500)	(100)
Total 1100 SPECIES MANAGEMENT	-	-	31,500	(31,500)	(100)
1200 HABITAT PROTECTION MANAGEMENT					
1210 Resource Management Act	-	6,352	42,000	(35,648)	(85)
1220 Works & Management	-	-	2,300	(2,300)	(100)
1230 Assisted Habitat	115	115	6,000	(5,885)	(98)
Total 1200 HABITAT PROTECTION MANAGEMENT	115	6,467	50,300	(43,833)	(87)
1300 PARTICIPATION					
1310 Access	-	-	5,000	(5,000)	(100)
1330 Newsletters	178	263	3,500	(3,237)	(92)
1340 Informational Publications	-	-	2,000	(2,000)	(100)
1350 Angler & Hunter Training	-	157	4,500	(4,343)	(97)
1360 Club Relations	-	-	200	(200)	(100)
1370 Fish & Game Huts	-	-	500	(500)	(100)
Total 1300 PARTICIPATION	178	420	15,700	(15,280)	(97)
1400 PUBLIC INTERFACE					
1440 Public Promotions	337	401	4,000	(3,599)	(90)
1450 Visitor Facility	1,122	2,921	64,000	(61,079)	(95)
Total 1400 PUBLIC INTERFACE	1,459	3,322	68,000	(64,678)	(95)
1500 COMPLIANCE					
1510 Ranging	-	-	1,500	(1,500)	(100)
1520 Ranger Training	-	-	1,000	(1,000)	(100)
1530 Compliance/Prosecutions	-	-	1,000	(1,000)	(100)
Total 1500 COMPLIANCE	-	-	3,500	(3,500)	(100)
1600 LICENSING					
1620 Agent Servicing	-	-	100	(100)	(100)

Table 2 Profit and Loss

	OCT 2024	YTD ACTUAL	TOTAL BUDGET	REMAINING	% REMAINING
1630 Commission	3,399	5,607	18,591	(12,984)	(70)
Total 1600 LICENSING	3,399	5,607	18,691	(13,084)	(70)
1700 COUNCILS					
1710 Council Elections	-	-	1,000	(1,000)	(100)
1720 Council Meetings	69	548	1,500	(952)	(63)
Total 1700 COUNCILS	69	548	2,500	(1,952)	(78)
1800 PLANNING/REPORTING					
1830 Reporting/Audit	-	(7,676)	8,000	(15,676)	(196)
1840 National Liaison	-	-	53,109	(53,109)	(100)
Total 1800 PLANNING/REPORTING	-	(7,676)	61,109	(68,785)	(113)
1900 ADMINISTRATION					
1910 Salaries	22,633	37,026	355,090	(318,064)	(90)
1920 Staff Expenses	894	1,554	9,500	(7,946)	(84)
1930 Staff Houses	-	4,107	7,700	(3,593)	(47)
1940 Office Premises	1,533	2,524	6,800	(4,277)	(63)
1950 Office Equipment	106	212	2,700	(2,488)	(92)
1960 Communications/Consumables	403	1,115	9,700	(8,585)	(89)
1970 General	246	12,330	8,000	4,330	54
1980 General Equipment	831	1,309	7,100	(5,791)	(82)
1990 Vehicles	3,665	10,177	14,100	(3,923)	(28)
Total 1900 ADMINISTRATION	30,311	70,353	420,690	(350,337)	(83)
Total Operating Expenses	37,658	83,294	698,656	(615,362)	(88)
Net Profit	69,619	94,324	(154,946)	249,270	(161)

Table 3: Balance Sheet

Hawke's Bay Fish and Game Council As at 31 October 2024

	31 OCT 2024	31 AUG 2024
Assets		
Bank		
Westpac Call Account	85,163	84,836
Westpac Current Account	48,015	107,249
Donation Account	72,327	72,321
Westpac Mastercard K Meehan	-	770
Petty Cash	678	10
Total Bank	206,183	265,186
Current Assets		
Debtors & prepayments		
Accounts Receivable	146,402	44,561
Accounts Receivable - External/Staff	(17)	-
Interest Accrued & Prepayments	-	22,090
GST	-	24,063
Total Debtors & prepayments	146,385	90,714
Investments	561,100	557,211
Farmlands Shares	1,835	1,835
Total Current Assets	709,320	649,760
Fixed Assets	441,087	393,886
Total Assets	1,356,590	1,308,833
Liabilities		
Current Liabilities		
Creditors and accrued expenses		
Accounts Payable	87,975	117,846
Accrued Expenses	66,867	87,027
Income in Advance	23,941	31,703
GST	15,506	-
Westpac Mastercard - CN	230	-
Westpac Mastercard K Meehan	1,151	-
Total Creditors and accrued expenses	195,669	236,576
Employee costs payable	19,927	25,666
Rounding	-	-
Designated Waters Clearing	62	-
Salmon Card	17	-
Total Current Liabilities	215,675	262,242
Total Liabilities	215,675	262,242
Net Assets	1,140,915	1,046,591

Table 3: Balance Sheet

	31 OCT 2024	31 AUG 2024
Equity		
Accumulated Funds		
Accumulated Funds	865,961	887,531
Current Year Earnings	94,324	(37,677)
Transfer To/From Reserves	-	16,107
Total Accumulated Funds	960,285	865,961
Dedicated Reserves		
Asset Replacement Reserve	52,770	52,770
Back Country Fisheries Reserve	86,492	86,492
Hawke's Bay Pheasants Unlimited	1,647	1,647
River/Water Quality Donations	39,721	39,721
Total Dedicated Reserves	180,630	180,630
Total Equity	1,140,915	1,046,591

Table 4 2024/2025 REPORT OF VARIANCES BETWEEN TOTAL BUDGET AND YEAR TO DATE ACTUAL EXPENDITURE AND INCOME													
as at 31 October 2024													
Schedule B		EXTERNAL COSTS		HOURS		INTERNAL COST		NETABLE INCOME		NET COST		NET COST	%
Code	Project	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Variance	
1110	Species Monitoring	\$ 28,000	\$ -	925	99	\$ 73,275	\$ 8,081	\$ -	\$ -	\$ 101,275	\$ 8,081	\$ 93,194	8.0
1120	Harvest Assessment	\$ 2,000	\$ -	100		\$ 7,922	\$ -	\$ -	\$ -	\$ 9,922	\$ -	\$ 9,922	0.0
1140	Hatchery Operations	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0
1160	Releases	\$ 1,500	\$ -	20	22	\$ 1,584	\$ 1,796	\$ -	\$ -	\$ 3,084	\$ 1,796	\$ 1,289	58.2
1170	Regulations	\$ -	\$ -	100	5	\$ 7,922	\$ 408	\$ -	\$ -	\$ 7,922	\$ 408	\$ 7,514	5.2
1180	Control	\$ -	\$ -	75	3	\$ 5,941	\$ 245	\$ -	\$ -	\$ 5,941	\$ 245	\$ 5,696	4.1
	TOTAL - SPECIES MANAGEMENT	\$ 31,500	\$ -	1,220	129	\$ 96,644	\$ 10,530	\$ -	\$ -	\$ 128,144	\$ 10,530	\$ 117,615	8.2
1210	Resource Management Act	\$ 42,000	\$ 6,352	240	17	\$ 19,012	\$ 1,388	\$ -	\$ -	\$ 61,012	\$ 7,740	\$ 53,272	12.7
1220	Works & Management	\$ 2,300	\$ -	80	2	\$ 6,337	\$ 163	\$ -	\$ -	\$ 8,637	\$ 163	\$ 8,474	1.9
1230	Assisted Habitat	\$ 6,000	\$ 115	70	31	\$ 5,545	\$ 2,530	\$ -	\$ -	\$ 11,545	\$ 2,645	\$ 8,900	22.9
1240	Assess & Monitor	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0
	TOTAL - HABITAT PROTECTION & M	\$ 50,300	\$ 6,467	390	50	\$ 30,894	\$ 4,081	\$ -	\$ -	\$ 81,194	\$ 10,548	\$ 70,646	13.0
1310	Access	\$ 5,000	\$ -	40	53	\$ 3,169	\$ 4,326	\$ -	\$ -	\$ 8,169	\$ 4,326	\$ 3,843	53.0
1320	Satisfaction Survey	\$ -	\$ -	10	2	\$ 792	\$ 163	\$ -	\$ -	\$ 792	\$ 163	\$ 629	20.6
1330	Newsletters/Information	\$ 3,500	\$ 263	135	41	\$ 10,694	\$ 3,347	\$ -	\$ -	\$ 14,194	\$ 3,610	\$ 10,585	25.4
1340	Other Publications	\$ 2,000	\$ -	10		\$ 792	\$ -	\$ -	\$ -	\$ 2,792	\$ -	\$ 2,792	0.0
1350	Training	\$ 4,500	\$ 157	235	64	\$ 18,616	\$ 5,224	\$ -	\$ 223	\$ 23,116	\$ 5,158	\$ 17,958	22.3
1360	Club Relations	\$ 200	\$ -	25	4	\$ 1,980	\$ 326	\$ -	\$ -	\$ 2,180	\$ 326	\$ 1,854	15.0
1370	Huts	\$ 500	\$ -	50		\$ 3,961	\$ -	\$ 1,500	\$ 765	\$ 2,961	\$ (765)	\$ 3,726	-25.8
	TOTAL - ANGLER & HUNTER PARTIC	\$ 15,700	\$ 420	505	164	\$ 40,004	\$ 13,386	\$ 1,500	\$ 988	\$ 54,204	\$ 12,818	\$ 41,386	23.6
1410	Liaison	\$ -	\$ -	70	4	\$ 5,545	\$ 326	\$ -	\$ -	\$ 5,545	\$ 326	\$ 5,219	5.9
1420	Communication	\$ -	\$ -	0	1	\$ -	\$ 82	\$ -	\$ -	\$ -	\$ 82	\$ (82)	#DIV/0!
1430	Advocacy	\$ -	\$ -	50	6	\$ 3,961	\$ 490	\$ -	\$ -	\$ 3,961	\$ 490	\$ 3,471	12.4
1440	Public Promotions	\$ 4,000	\$ 401	25	7	\$ 1,980	\$ 571	\$ -	\$ -	\$ 5,980	\$ 972	\$ 5,008	16.3
1450	Visitor Facilities/Education	\$ 64,000	\$ 2,921	1,540	287	\$ 121,993	\$ 23,426	\$ 8,000	\$ 3,447	\$ 177,993	\$ 22,900	\$ 155,093	12.9
	TOTAL - PUBLIC INTERFACE	\$ 68,000	\$ 3,322	1,685	305	\$ 133,480	\$ 24,895	\$ 8,000	\$ 3,447	\$ 193,480	\$ 24,770	\$ 168,709	12.8
1510	Ranging	\$ 1,500	\$ -	575	64	\$ 45,549	\$ 5,224	\$ -	\$ -	\$ 47,049	\$ 5,224	\$ 41,825	11.1
1520	Ranger Training	\$ 1,000	\$ -	40		\$ 3,169	\$ -	\$ -	\$ -	\$ 4,169	\$ -	\$ 4,169	0.0
1530	Compliance Prosecutions	\$ 1,000	\$ -	20		\$ 1,584	\$ -	\$ -	\$ -	\$ 2,584	\$ -	\$ 2,584	0.0
	TOTAL - COMPLIANCE	\$ 3,500	\$ -	635	64	\$ 50,302	\$ 5,224	\$ -	\$ -	\$ 53,802	\$ 5,224	\$ 48,578	9.7
1610	Licensing	\$ -	\$ -	50	7	\$ 3,961	\$ 571	\$ -	\$ -	\$ 3,961	\$ 571	\$ 3,389	14.4
1620	Agent Servicing	\$ 100	\$ -	25	3	\$ 1,980	\$ 245	\$ -	\$ -	\$ 2,080	\$ 245	\$ 1,836	11.8
	TOTAL - LICENSING	\$ 100	\$ -	75	10	\$ 5,941	\$ 816	\$ -	\$ -	\$ 6,041	\$ 816	\$ 5,225	13.5
1710	Council Elections	\$ 1,000	\$ -	30	5	\$ 2,376	\$ 408	\$ -	\$ -	\$ 3,376	\$ 408	\$ 2,968	12.1
1720	Council Meetings	\$ 1,500	\$ 548	170	51	\$ 13,467	\$ 4,163	\$ -	\$ -	\$ 14,967	\$ 4,711	\$ 10,256	31.5
	TOTAL - COUNCILS	\$ 2,500	\$ 548	200	56	\$ 15,843	\$ 4,571	\$ -	\$ -	\$ 18,343	\$ 5,119	\$ 13,224	27.9
1810	Management Planning	\$ -	\$ -	0		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0
1820	Annual Planning	\$ -	\$ -	120		\$ 9,506	\$ -	\$ -	\$ -	\$ 9,506	\$ -	\$ 9,506	0.0
1830	Reporting/Audit	\$ 8,000	\$ (7,676)	150	36	\$ 11,882	\$ 2,938	\$ -	\$ -	\$ 19,882	\$ (4,738)	\$ 24,620	-23.8
1840	National Liaison	\$ 100	\$ -	10		\$ 792	\$ -	\$ -	\$ -	\$ 892	\$ -	\$ 892	0.0
	TOTAL - PLANNING/REPORTING	\$ 8,100	\$ (7,676)	280	36	\$ 22,181	\$ 2,938	\$ -	\$ -	\$ 30,281	\$ (4,738)	\$ 35,018	-15.6
		\$ 179,700	\$ 3,081	4,990	814	\$ 395,290	\$ 66,442	\$ 9,500	\$ 4,435	\$ 565,490	\$ 65,088	\$ 500,402	11.5

Table 4 Cont...		EXTERNAL COSTS		NETABLE INCOME		NET COST		NET COST		%
OVERHEADS		Budget	Actual	Budget	Actual	Budget	Actual	Variance		
1910	Salaries	\$ 355,090	\$ 37,026	\$ -	\$ -	\$ 355,090	\$ 37,026	\$ 318,064		10.4
1920	Staff Expenses	\$ 9,500	\$ 1,554	\$ -	\$ -	\$ 9,500	\$ 1,554	\$ 7,946		16.4
1930	Staff Houses	\$ 7,700	\$ 4,107	\$ 23,400	\$ 3,600	\$ (15,700)	\$ 507	\$ (16,207)		-3.2
1940	Office Premises	\$ 6,800	\$ 2,524	\$ 2,000	\$ 304	\$ 4,800	\$ 2,220	\$ 2,580		46.3
1950	Office Equipment	\$ 2,700	\$ 212	\$ -	\$ -	\$ 2,700	\$ 212	\$ 2,488		7.9
1960	Communications/Consumables	\$ 9,700	\$ 1,115	\$ -	\$ -	\$ 9,700	\$ 1,115	\$ 8,585		11.5
1970	General	\$ 8,000	\$ 12,330	\$ -	\$ 7	\$ 8,000	\$ 12,323	\$ (4,323)		154.0
1980	General Equipment	\$ 7,100	\$ 1,309	\$ -	\$ -	\$ 7,100	\$ 1,309	\$ 5,791		18.4
1990	Vehicles	\$ 14,100	\$ 10,177	\$ -	\$ -	\$ 14,100	\$ 10,177	\$ 3,923		72.2
	Administration	\$ 420,690	\$ 70,353	\$ 25,400	\$ 3,911	\$ 395,290	\$ 66,442	\$ 328,848		16.8
	Total Overhead Net Cost					\$ 395,290	\$ 66,442			
	Total Outputs Staff Hours						4,990	814		
	Internal Cost Per Hour						79.22	81.62		

2024/2025 REPORT OF VARIANCES BETWEEN TOTAL BUDGET AND YEAR TO DATE ACTUAL EXPENDITURE AND INCOME

Schedule C	EXTERNAL COSTS		HOURS	INTERNAL COST		NETABLE INCOME		NET COST		NET COST		%	
Code	Output	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Variance	
1	Species Management	\$ 31,500	\$ -	1,220	129	\$ 96,644	\$ 10,530	\$ -	\$ -	\$ 128,144	\$ 10,530	\$ 117,615	8.2
2	Habitat Protection & Management	\$ 50,300	\$ 6,467	390	50	\$ 30,894	\$ 4,081	\$ -	\$ -	\$ 81,194	\$ 10,548	\$ 70,646	13.0
3	Angler & Hunter Participation	\$ 15,700	\$ 420	505	164	\$ 40,004	\$ 13,386	\$ 1,500	\$ 988	\$ 54,204	\$ 12,818	\$ 41,386	23.6
4	Public Interface	\$ 68,000	\$ 3,322	1,685	305	\$ 133,480	\$ 24,895	\$ 8,000	\$ 3,447	\$ 193,480	\$ 24,770	\$ 168,709	12.8
5	Compliance	\$ 3,500	\$ -	635	64	\$ 50,302	\$ 5,224	\$ -	\$ -	\$ 53,802	\$ 5,224	\$ 48,578	9.7
6	Licensing	\$ 100	\$ -	75	10	\$ 5,941	\$ 816	\$ -	\$ -	\$ 6,041	\$ 816	\$ 5,225	13.5
7	Councils	\$ 2,500	\$ 548	200	56	\$ 15,843	\$ 4,571	\$ -	\$ -	\$ 18,343	\$ 5,119	\$ 13,224	27.9
8	Planning, Reporting	\$ 8,100	\$ (7,676)	280	36	\$ 22,181	\$ 2,938	\$ -	\$ -	\$ 30,281	\$ (4,738)	\$ 35,018	-15.6
9	Administration												
	Total Overhead Staff Hours			1,150	307								
	TOTAL BUDGET	\$ 179,700	\$ 3,081	6,140	1,121	\$ 395,290	\$ 66,442	\$ 9,500	\$ 4,435	\$ 565,490	\$ 65,088	\$ 500,402	

Licence Income 2024-2025		Budget	Actual
2024-2025	Fish Licence Income	\$ 303,861	\$ 171,605
	Less Commission	-\$ 12,154	
	Net Fish Licence Income	\$ 291,707	\$ 171,605
2025	Game Licence Income	\$ 160,902	\$ -
	Less Commission	-\$ 6,436	\$ -
	Net Game Licence Income	\$ 154,466	\$ -
	Total Licence Income	\$ 446,173	\$ 171,605
	Total Commission	-\$ 18,591	-\$ 5,607
	Total Net 2024-25 Licence Revenue	\$ 427,582	\$ 165,998

% year complete	% of OWP budget spent		
17%	12%		
	OWP Bulk Fund	Actual Net Cost YTD	\$ 565,490
	Adjustment to OWP budgets - National Approved Budget		
		less Interest	\$ (35,630)
		Plus NZ Fish & Game Levies	\$ 53,009
		Less Licence Revenue	\$ (464,763)
		Plus Commission Expense	\$ 18,591
		Plus Gain Loss on Sale/revaluation	\$ (8,417)
		Depreciation	\$ 26,666
	Adjusted Budget	Actual(surplus)/deficitYTD	Total
			\$ 154,946
			\$ (94,324)

5. Bank Transactions

Bank and credit card transactions for the period 1 October to 31 October are shown on Tables 5, 6 and 7.

Table 5: Westpac Current Account Transactions

Hawke's Bay Fish and Game Council

For the period 1 October 2024 to 31 October 2024

Date	Payee	DC Batch	Credit
07 Oct 2024	Generated by Xero Payroll		7,239.07
08 Oct 2024	Cardlink Systems DD		950.77
12 Oct 2024	One New Zealand Group DD		372.52
14 Oct 2024	John Lumsden		120.00
14 Oct 2024	Graham Marshall		504.00
14 Oct 2024	Kahu Environmental		19,156.13
15 Oct 2024	Westpac		48.93
18 Oct 2024	Mitre 10 Mega Napier	22.19	
18 Oct 2024	Mitre 10 Mega Napier	31.00	
18 Oct 2024	Mitre 10 Mega Napier	39.86	
18 Oct 2024	Napier Hunting & Fishing	55.95	
18 Oct 2024	Websters Hydrated Lime Co Ltd	78.79	
18 Oct 2024	OfficeMax	103.22	
18 Oct 2024	New Zealand Fish and Game Council	119.19	
18 Oct 2024	Mitre 10 Mega Napier	167.06	
18 Oct 2024	Mitre 10 Mega Napier	177.72	
18 Oct 2024	New Zealand Fish and Game Council	268.58	
18 Oct 2024	Websters Hydrated Lime Co Ltd	275.57	
18 Oct 2024	S A Robinson	300.00	
18 Oct 2024	Mitre 10 Mega Napier	388.95	
18 Oct 2024	Wormald	409.98	
18 Oct 2024	New Zealand Fish and Game Council	673.66	
18 Oct 2024	Gallagher (formerly Crombie Lockwood)	1,463.35	
18 Oct 2024	Bay Ford Napier	2,193.00	
18 Oct 2024	Kahu Environmental	6,856.88	
18 Oct 2024	New Zealand Fish and Game Council	11,075.00	24,699.95
20 Oct 2024	Inland Revenue Department		6,802.12
21 Oct 2024	FujiFilm DD		203.75
21 Oct 2024	Frank Energy DD		363.64
21 Oct 2024	Generated by Xero Payroll		7,304.28
29 Oct 2024	EYEDE SOLUTIONS - DD		474.00
31 Oct 2024	BOL Monthly Charges		3.61
Total			68,242.77

Table 6: Westpac Mastercard CN (to close)

Hawke's Bay Fish and Game Council for the period 1 to 31 October 2024

Date	Payee	Credit
17 Oct 2024	Zoom us	229.90
Total		229.90

Table 7: Westpac Mastercard KM

Hawke's Bay Fish and Game Council for the period 1 to 31 October 2024

Date	Payee	Credit
04 Oct 2024	Mailchimp	97.75
09 Oct 2024	The Flower Barrow	79.56
12 Oct 2024	Meta (Facebook)	49.90
16 Oct 2024	NZ Transport Agency	164.44
16 Oct 2024	Trade me	169.00
17 Oct 2024	NZ Transport Agency	392.44
Total		1,151.20

6.0 Statement of Financial Position, Statement of Financial Performance and Statement of Cashflows – Budget 2024-2025

The Public Finance Act 1989 requires that Council approve the Budget Statement of Financial Performance, Budget Statement of Financial Position, and Budget Statement of Cashflows for the 2024-2025 financial year.

Proposed budget figures for the Statement of Financial Position and Statement of Financial Performance and Cashflows are set out on the following pages. This information is directly obtained from the expenditure budget approved by Council in July 2024 and the anticipated income as determined by the New Zealand Council. The Budget Statement of Financial Performance and Budget Statement of Financial Position are prepared using PBE-SFR-A (PS) Public Benefit Entity Simple Format Reporting - Accrual (Public Sector).

There are several financial adjustments necessary to move from the Operational Work Plan (OWP) Budget to the Financial Statements Budget. These adjustments include licence revenue and commission expense, asset replacement reserves/depreciation, interest, spending from dedicated reserves, levies and budgeted Capital purchases for the year. These items are not included in the OWP Budgets, which are used to calculate licence fees.

The Budgeted Financial Statement Deficit for the 2024-2025 financial year is **\$154,946**

Table 8: The following is a reconciliation of the OWP to the Financial Statement Budget:

Reconciliation of OWP to Tier 3 Reporting		
<i>Approved budget - per OWP</i>		(534,624)
<i>Additional approved April 2023 (NZC Meeting168) re RMA</i>		(42,000)
Total		(576,624)
Adjustments required for Financial Budgets:		
Plus Licence revenue	464,763	
Plus General Interest	35,630	
Less Commission	(18,591)	
Less Levies	(53,009)	
Less Depreciation	(26,666)	
Plus Asset Replacement Fund Budget	11,134	
Plus Gain on Sale of Fixed Assets	8,417	
Net Adjustments		421,678
Net (Deficit)		(154,946)

To put it more simply this **\$154,946** deficit is made up from the following:

Net difference Depreciation & Asset Replacement budgets	(15,532)
Gain on sale of Fixed Assets	8,417
Use of Reserves – Education	(100,000)
Use of Reserves – RMA	(42,000)
Use of reserves 1.34% for National shortfall apprvd by NZC	(5,831)
Net (Deficit)	(154,946)

Table 9: Fixed Asset Budget

Asset	Budgeted Asset purchases (excl. GST)	Budgeted Asset sales (excl. GST)
1 Vehicles	\$52,890	\$23,500
Total	\$52,890	\$23,500

Table 10: Statement of Financial Performance Budget

HAWKE'S BAY FISH AND GAME COUNCIL			
Statement of Financial Performance - Budget			
For the year ended			
31 August 2025			
	Note	Budget 2025 \$	Actual 2024 \$
REVENUE			
Fish and Game licence sales	1	464,763	503,138
Donations, bequests, other fundraising	1	-	68
Grants/contracts (non-government)	1	-	30,000
Interest	1	35,630	40,065
Other revenue	1	43,317	34,837
Total Revenue		543,710	608,108
EXPENSES			
Outputs			
Species management	2	31,500	15,480
Habitat protection & management	2	50,300	60,320
Angler & Hunter participation	2	15,700	7,946
Public interface	2	68,000	40,568
Compliance	2	3,500	1,751
Licensing	2	18,691	23,415
Council	2	2,500	4,994
Planning & reporting	2	8,100	9,787
Overheads			
Employee related costs	2	364,590	277,835
Depreciation	4	26,666	25,479
Other expenses	2	56,100	50,488
Total Expenses		645,647	518,063
Operating Surplus/(Deficit)		(101,937)	90,045
Less Other Expenses			
Levies to NZFGC		53,009	127,722
NET SURPLUS/(DEFICIT)		(154,946)	(37,677)

Table 11: Statement of Financial Position Budget

HAWKE'S BAY FISH AND GAME COUNCIL			
Statement of Financial Position - Budget			
As at			
31 August 2025			
	Note	Budget 2025 \$	Actual 2024 \$
ASSETS			
Current Assets			
Bank accounts and cash	3	159,614	265,186
Debtors and prepayments	3	28,500	90,714
Investments	3	450,000	557,211
Other current assets	3	1,835	1,835
Total Current Assets		639,949	914,946
Non-Current Assets			
Property, plant and equipment	4	405,196	393,886
Investments	3	-	-
Total Non-Current Assets		405,196	393,886
Total Assets		1,045,145	1,308,832
LIABILITIES			
Current Liabilities			
Creditors and accrued expenses	3	125,500	236,576
Employee costs payable	3	28,000	25,665
Total Current Liabilities		153,500	262,241
Total Liabilities		153,500	262,241
NET ASSETS		891,645	1,046,591
EQUITY	5	891,645	1,046,591

Table 12: Statement of Cashflows Budget

HAWKE'S BAY FISH AND GAME COUNCIL**Statement of Cash Flows - Budget**

For the year ended

31 August 2025

	Budget 2025 \$	Actual 2024 \$
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash was received from:		
Licence sales	467,661	503,285
Grants, donations and fundraising	-	68
Interest	38,394	38,074
Other revenue	76,777	30,877
Cash was applied to:		
Payments to suppliers	409,447	182,510
Payments to employees	362,255	263,962
GST (net)	(14,063)	14,334
Net Cash Flows from Operating Activities	(174,807)	111,498
CASHFLOW FROM INVESTING & FINANCING ACTIVITIES		
Cash was received from:		
Sale of property, plant and equipment	14,914	-
Sale of investments/deposits	107,211	-
Cash was applied to:		
Purchase of property, plant and equipment	52,890	24,646
Purchase of investments/deposits	-	29,798
Net Cash Flows from Investing & Financing	69,235	(54,444)
Net Increase / (Decrease) in Cash	(105,572)	57,054
Opening Cash	265,186	208,132
Closing Cash	159,614	265,186
This is represented by:		
Bank accounts and cash	159,614	265,186

6.0 Recommendations

6.1 That the payments for 1 October to 31 October 2024 totalling \$69,623.87 be approved.

Current Account – October 2024	\$68,242.77
Credit Card (CN) – October 2024	\$229.90
Credit Card (KM) – October 2024	<u>\$1,151.20</u>
Total	<u>\$69,623.87</u>

6.2 That Council approves the proposed budget figures for the Statement of Financial Position, Statement of Financial Performance and Cash flow for the 2024-2025 financial year.

3.3 LICENCE SALES REPORT

27 November 2024

1. 2024-2025 Fish Licence Sales

- 1.1 Fish licence sales for the 2024-25 season compared with the 2023-24 season to 26 November are summarised in Table One.
- 1.2 Fish licence sales are reporting to be 38.6% (440 LEQ's) ahead of the 2023-24 season results for the same period.

Table One: Fish Licence Sales 2024-25 vs 2023-24 YTD results to 26 November 2024

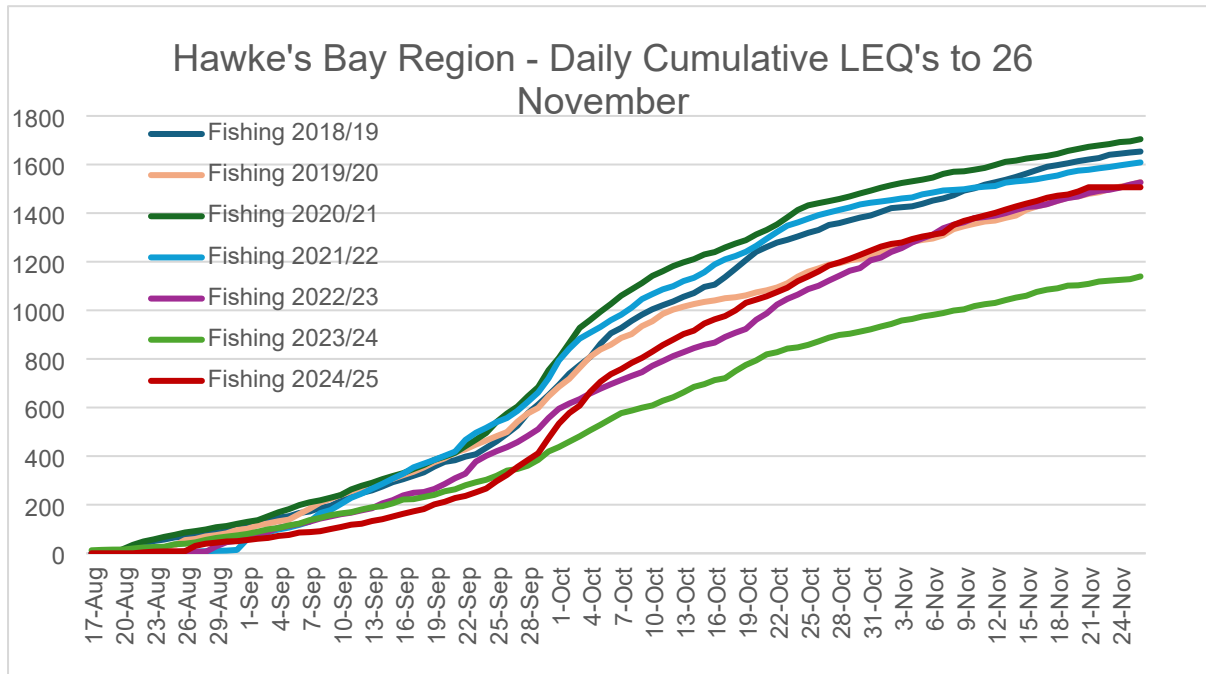
Licence Category	Agency Online	Public Online & Call Centre	Total YTD 2023-24	Agency Online	Public Online & Call Centre	Total YTD 2024-25	Inc/Dec on prior Season
Fish Adult							
Family Season	71	105	176	83	147	230	54
Season Non-Resident	252	275	527	270	429	699	172
Loyal Senior	14	44	58	37	67	104	46
Local Area Adult	100	74	174	117	103	220	46
Winter Adult	25	36	61	58	64	122	61
Long Break Adult	0	0	0	0	0	0	0
Short Break Adult	0	1	1	0	6	6	5
Day	8	37	45	13	35	48	3
Day Non-Resident	21	49	70	31	112	143	73
	79	73	152	83	38	121	-31
Total Adult	570	694	1,264	692	1,001	1,693	429
Fish Junior							
Season	41	68	109	63	137	200	91
Season Non-Resident	1	1	2	1	0	1	-1
Day	4	21	25	6	28	34	9
Day Non-Resident	0	0	0	0	2	2	2
Total Junior	46	90	136	70	167	237	101
Fish Child							
Season Non-Resident	0	0	0	0	0	0	0
Day Non-Resident	0	0	0	0	0	0	0
Total Child	0	0	0	0	0	0	0
Total Fish	616	784	1,400	762	1,168	1,930	530
Whole Season Equivalent (LEQ)			1,139			1,579	440
Variance between Seasons							38.6%
\$ (excl GST)			\$151,603			\$214,209	\$62,606

Summary 2024-2025 Season YTD Actual vs Total Budget

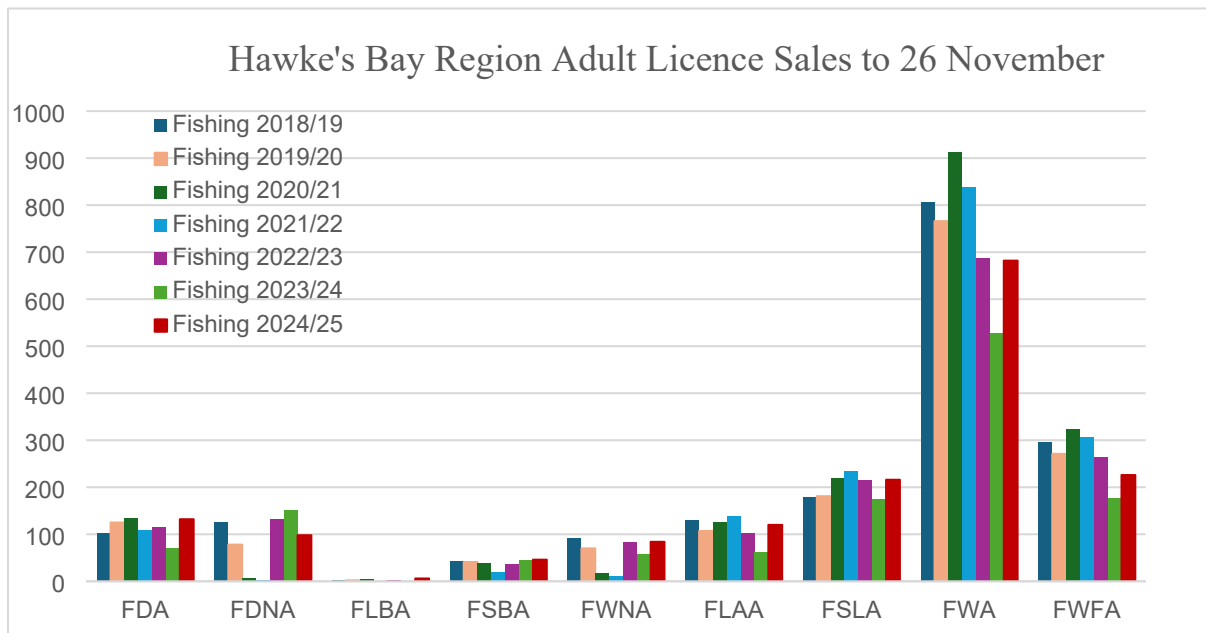
2024-25 Annual Budgeted FISH LEQs	2,240	100.0%	\$303,861
2024-25 Actual	1,579	70.5%	\$214,209
Variance to budget	-661	-29.5%	-\$89,652

1.3 Graph 1 shows daily cumulative sales (measures in LEQ's) and Graphs 2 and 3 sales by category YTD with the RED line indicating the current 2024-25 season. In each graph a comparison of early season sales tracking for the past six seasons goes back to the 2018-19 season which was the season prior to the Covid19 pandemic which saw NZ in various states of lockdown from March 2020.

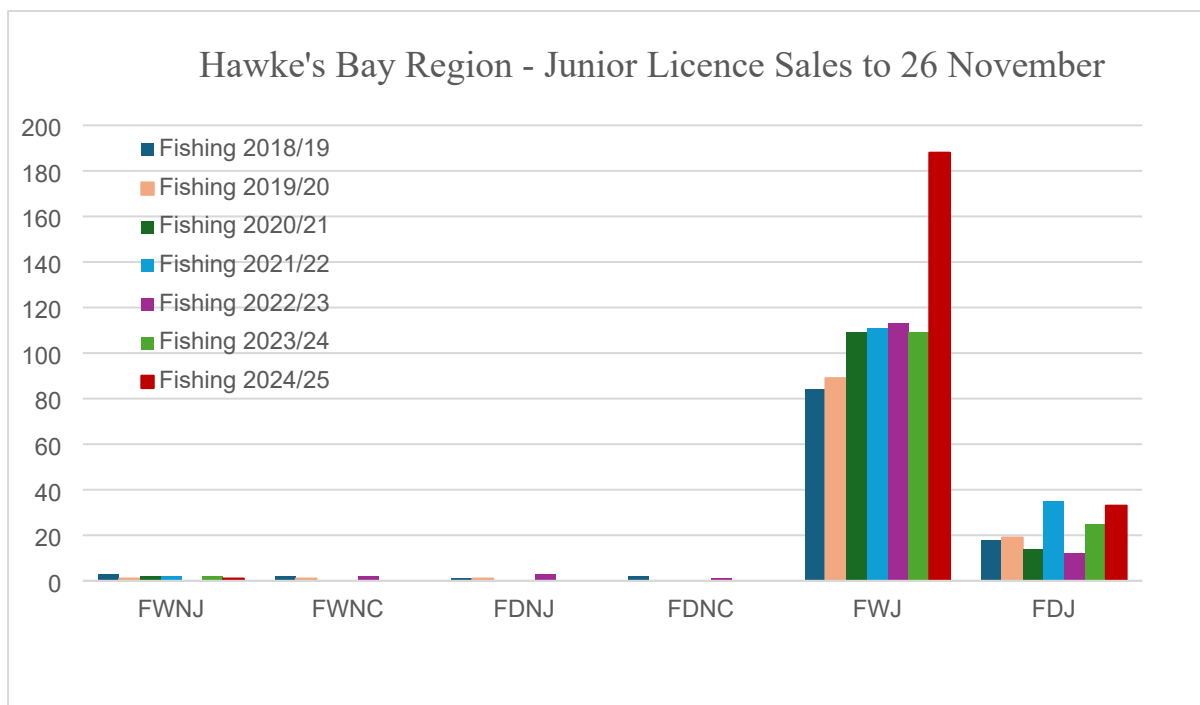
1.4 The loss of international travellers and an increase in NZ residents staying home is likely to have contributed to the higher than anticipated sales result reported in the 2020-21 season. We can see good recovery in the 2024-25 sales results from the cyclone Gabrielle event last season however there is further ground to be made to achieve pre covid levels.



Graph 1 – Daily Cumulative Sales by LEQ



Graph 2 – Adult Licence Categories – YTD to 26 November



Graph 2 – Junior Licence Categories – YTD to 26 November

Adult Licence Categories

FDA - Adult Day, **FDNA** – Non Resident Adult Day, **FLBA** - Adult Long Break, **FSBA** - Adult Short Break, **FWNA** – Non Resident Adult Season, **FLAA** - Local Area Season, **FLSA** - Loyal Senior Season, **FWA** - Adult Season, **FWF** – Family Season

Junior Licence Categories

FWNJ – Non Resident Junior Season, **FWNC** – Non Resident Child Season, **FDNJ** – Non Resident Junior Day, **FDNC** – Non Resident Child Day, **FWJ** – Junior Season, **FDJ** – Junior Day, **FWC** – Child Season (not reported as many licences issued on tear off pads)