

# **AGENDA**

# For a meeting of the Hawke's Bay Fish and Game Council Tuesday 12<sup>th</sup> March 2024 6pm

Venue 22 Burness Road

Date 12 March 2024

# Time 6.00pm

- 1. Welcome
- 2. Apologies
- 3. Minutes of the previous meeting 13th December 2024
- 4. Matters arising from the minutes.
- 5. Health & Safety report
- 6. Conflict of interest register
- 7. NZ Council Consultations (if any)
- 8. Rununga Weir Update
- 9. Managers Paper
- 10. 2023-24 Operational Work Plan
- 11. Audit Costs
- 12. HBFGC Priorities for 2024-25 Year
- 13. Anglers Notice 2024-25 Season
- 14. Swan Egg Harvest
- 15. Fish orders from Eastern
- 16. Research proposal update health of HB rivers
- 17. Gamebird Hunter survey update
- 18. Management Report
- 19. Finance Report
- 20. Licence Report
- 21. Public excluded session
- 22. Meeting Closes

#### HAWKE'S BAY FISH & GAME COUNCIL

# MINUTES OF THE AGM MEETING OF THE HAWKE'S BAY FISH AND GAME COUNCIL HELD AT THE GAME FARM ON WEDNESDAY 13<sup>TH</sup> DECEMBER 2023

#### PRESENT:

Messrs: Bates (Chair), Lumsden, MacKay, C Slavin, Melville, Niblett, Bowcock

#### IN ATTENDANCE:

Kerry Meehan (Interim Manager) Sam Robinson

#### **APOLOGIES**

B Slavin, Duley

#### WELCOME

Cr Bates welcomed everyone to the meeting. Noted meeting is being recorded for record keeping purposes.

#### **PUBLIC ENQUIRY**

Response to letter from Peter Coles regarding spending in the Public Interface and the actual spend of \$190681 to budgeted spend of \$75757 and why there was such a significant overspend when other project clusters were below budgets. Response from Chairman Bates was that there have been some issues with the previous manager not filing timesheets correctly which has meant hours that have been paid could not be correctly allocated to project clusters and as a result the average hourly rate that would normally be charged at \$65/hr has increased to \$80/hr. Timesheets were also not filled out correctly so time has not been correctly allocated to project clusters. The actual overspend if calculated correctly at \$65/hr would have been \$50,000 less. Also, the council had made a conscious decision that this facility needed to be finished while the reserves were available. Post cyclone Gabrielle that work couldn't be done in the field and with a loss of a senior field officer we didn't have the necessary staff. Processes have been implemented to rectify the errors that were being made.

Public enquiry regarding the asset valuation for property, plant & equipment. Is this being kept low deliberately for accounting purposes or another reason. Chairman Bates response the valuation is based on GV and is not being kept deliberately low for any reason. Should it be deemed necessary at a latter date a valuation on the property would be done.

# MINUTES OF PREVIOUS MEETING

That the minutes of the AGM meeting of the Hawke's Bay Fish and Game Council held on the 6<sup>th</sup> December 2022 are a true and accurate record.

## Bates/Bowcock

#### MATTERS ARISING FROM THE MINUTES

The minutes for last year AGM should be a separate document, manager to rectify. Draft minutes for AGM should be sent out post meeting for review by Council.

# 2022/23 Annual Report

## **Accepted**

That the Council accepts the Annual report for 2022/23.

# Bowcock/Lumsden

## 4: Matters Arising from the minutes

# 5: Health & Safety Report

#### Background

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. Implementation and adherence to the Health and Safety policy/manual including H&S as an agenda item for staff and ranger meetings:
- 2. Monitoring and Reporting in accordance with the Health and Safety plan;
- 3. Risk Management (identification and treatment) any new issues or hazards that have arisen and how these have been addressed;
- 4. Training programme information sharing and training of staff and volunteers;
- 5. H&S incidents near misses or injuries sustained, plus updates on past events;
- 6. Recommendations.

#### December - February Update

Staff & sub-contractors have been continuing to weed eat and spray weeds around the grounds using all appropriate safety equipment. All visitors to the grounds are briefed on health and safety hazards and sign in to acknowledge.

Staff are now issuing volunteers and contractors with high vis vests when working in the grounds.

#### **Monitoring and Reporting**

Workplace Accident Register

As of 25 November 2023

Number of workplace injuries in 2023-2024 year	0
Number of workplace injuries in 2022-2023 year	1
Number of workplace injuries in 2021-2022 year	0
Number of workplace injuries in 2020-2021 year	0
Number of workplace injuries in 2019-2020 year	1
Number of workplace injuries in 2018-2019 year	0

## **H&S** incidents and near misses

Nothing to report

#### **Recommendations:**

The Council accepts the health and safety report

# 6: Conflict of Interest Register

#### 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.

#### 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 matter<sup>1</sup> i.e.:

<sup>1 &</sup>quot;Matter" means:

<sup>(</sup>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

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.

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

#### 7 New Zealand Council Consultations

#### **GENERAL BUSINESS**

#### 8: Rununga Weir

An update from Chairman on meetings held with residents around the lake who are concerned the weir poses a flood risk. Chairman & Manager have met with HBRC and other stakeholders on the impacts of the weir on the surrounding land.

#### 9: Managers Paper

Presentation by Corina Jordan to HB Council.

#### 10: Operational Work Plan 23-24

#### **Purpose**

For Council to sign off on the current OWP. See Appendix 1

#### Background

The OWP submitted by the previous manager was deemed unacceptable by council. Staff have made changes to bring it back into line with the previously accepted model.

#### Recommendation

That council accepts the 2023-24 Operational Work Plan

#### 11: 2023/24 Audit Costs

#### Purpose

For council to sign off the auditor invoice with additional charges. See Appendix 2

#### **Background**

Due to the additional work of 26.52 hours by the auditor in this audit and requirement for OAG audit & support there is an additional \$2110.86(ex gst) to pay. The agreed audit fee was \$7404 (ex gst) With the additional charge the finale invoice comes to \$9512.86 (10939.79 Gross)

#### Recommendation

That Council approves the release of payment to Owen Mcleod & Co Ltd of \$10939.79 for the 2023/24 audit.

# 12: 2024-25 Council Priorities

#### Purpose

To review Council's priorities for the 2024/2025 year, identify changes in priorities or work areas and discuss projects to be incorporated into the 2024/25 Operational Work Plan.

#### Background

The March meeting marks the beginning of the operational planning cycle for activities HBFG intend to carry out in the 2024/25 OWP year. At this meeting it is important to consider Council's current priorities, and if there should be any changes to priorities, or directions within a priority, in the next OWP year. This well allow staff time to undertake appropriate project planning over the coming months.

HB Council have considered the following as 2022/23 priorities

- Developing and refining the educational programmes for the HBFG facility and to seek funding from the MOE for this.
- Development of a wetland educational facility at the Game Farm.
- Improving & building better relationships with rural NZ & IWI, Mana Whenua/Hapu
- Promotion of sports fishing & gamebird hunting to new licence holders.
- Right to fish/hunt. The retention of social licence and approval of the general public.
- Assessing/monitoring of the populations of sports fish & game birds and advising of this to licence holders.
- To seek corporate/other funding for development of the Fish & Game Facility.

## Developing the 2024/25 Operational Work Plan

Staff are seeking a clear direction from this meeting of Council on priorities to focus on in the OWP for the coming year. If the focus is to remain on the existing priorities, then consideration of the issues identified (and others raised at the meeting) should guide the development of alterations to current work areas, so a draft budget can be prepared for the April Council meeting. A key point for discussion is the balance of resources both within and across priorities. If the Council wants more work done in an area it is important to consider where these resources will come from. If internally resourced, then some other work programme must be reduced, and this should be identified before planning proceeds.

In May, an indication of resources required for any changes in the OWP, along with options for reallocations, will be presented for discussion. At the May meeting it will be necessary for Council to consider indicative performance targets for projects so a draft OWP and budget can be prepared for both the May managers meeting and licence holder consultation. At the July Council meeting, the refined draft OWP will be further considered along with any feedback received from licence holders. The final version of the OWP for the 2024/2025 year will be signed off at the September meeting.

#### Recommendation

That Council reviews the priorities for the 2024/2025 year and identifies any changes to priorities or projects for incorporation into the draft operational work plan for the 2024/2025 year.

#### 13: Anglers Notice Review

#### Purpose

To review the 2023/24 Anglers Notice and identify any changes to the current regulations that might be warranted in the 2025/25 season.

#### **Background**

The Anglers Notice review provides an opportunity to amend regional sport fishing regulations. Licence holders and the public can submit on issues they may have identified with the current regulations for consideration by Council.

The proposed process for undertaking the review is as follows:

(i) Advise angling clubs early on that the process is underway and that any suggested changes, and rationale for those changes are welcomed. Notification includes advertising the process on the Hawkes Bay webpage and in the Fish and Game "Reel Life" electronic newsletter. An email will be circulated to anglers' clubs and a notification has been put on the F&G website.

- (ii) At the May Council meeting, a list of any submissions on the Anglers Notice that have been received at that point will be presented to the Council for discussion. The Council will consider which submissions have merit and warrant further investigation along with any that it might wish to propose. Staff will then produce a preliminary "Issues and Options" paper for distribution to clubs and submitters, and then advertising via electronic media.
- (iii) Prior to the May meeting, Councillors will receive feedback from staff and submitters including any new suggestions in the form of an Agenda item. At the May meeting, all submissions received will be debated and the Council will decide which of these are worthy of further examination. If warranted, a second "issues and Options" paper will be produced and again circulated for consultation. This will include a press release to inform the public along with licence holders who might not be aware of the process taking place.
- (iv) At its July 2024 meeting, Council will receive any additional correspondence arising from the undertakings to date and will finalise the content of the 2024/25 Anglers Notice.

#### Recommendations

That Council agrees to the consultation process and time frame for considering changes to the 2024/25 Anglers Notice.

# 14: Cultural Harvest of Gamebird Eggs in the Hawke's Bay Fish and Game Region

#### Purpose

For Council to discuss potential options for the allowance of cultural harvest of Swan eggs by iwi/hapū in the Hawke's Bay region, including a trial of swan egg harvest. See Appendix 3

#### Background

It has been proposed in the past that cultural harvest of swan eggs in the Hawkes Bay region would be beneficial to population management. Brownrigg Agriculture in Poukawa would like to proceed with a trial to harvest swan eggs this season in partnership with local Hapu to manage the number of birds in the area. High numbers of birds and good breeding conditions have resulted in extensive crop damage and additional permits to disturb being necessary while crops are establishing.

#### Recommendation

That Council discusses the paper presented on cultural harvest of swan eggs and decides whether any further information is required before approving the trial for the 2024 season.

# 15: Fish Orders with Eastern for 2025/26

#### Purpose

Will purchases of yearlings be required from Eastern for next year.

#### Background

Eastern are now taking orders for the 25/26 period. Cost of fish this year were \$3.50+gst+freight+O2. Costs will be provided when they have all orders in. If ordered where are fish likely to be liberated?

# Recommendation

How many fish if any do Council wish to order.

#### 16: Research Proposal update health of HB Rivers

#### 17: Update on Game Bird Perceptions Survey

Dr Humphrey Walk will provide a quick update on preliminary results of the recent survey with Game Bird hunters.

#### **18: MANAGEMENT REPORT**

## **Species Management**

#### 1111 River Fisheries Investigations.

- We are continuing to monitor EDNA results through Wilderlab but with HBRC funding being reduced there are less tests being processed. Results are mixed on the most affected rivers. Ngaruroro & Tutaekuri showing poorest results where samples could be taken due to silt loading. Signs of the Mohaka are more promising with good signs of insect life and fish presence.
- Training drift dives are planned for 8<sup>th</sup> March for new staff to learn and a team will be organised to drift dive the Mohaka & Ngaruroro rivers in early March if conditions are suitable.

#### 1116 Game Bird Trend Counts

• Eastern & Wellington staff conducted the aerial transect flights over Hawkes Bay in January to assess Paradise Shelduck & Swan populations. Results pending.

## 1172 Game Bird Regulations

• 2024 Gamebird regulations were sent to NZC in early January. Regulations for this season will remain unchanged from 2023.

#### 1181 Game Bird Control

YTD 13 permits have been issued to disturb Pukeko and 1 for Paradise Shelduck

#### **Habitat protection**

#### 1221-23 Reserves Management

• An assessment on the effects Willow are having on the inlet to Lake Purimu is needed as control has not been undertaken for a number of years and the Willow are adversely affecting the inlet. Aerial spraying may be necessary to regain control.

#### 1232 Shade House

Volunteers have been working to propagate seed & seedlings of wetland plants to grow stock
levels in the nursery that will be offered to local landowners developing wetlands & for use in
the Game Farm grounds. The irrigation system is showing signs of wear & tear and volunteers
have requested an upgrade to a better system.

#### **Angler & Hunter Participation**

#### 1311 Maintain & Enhance Access

• Staff have been out checking access points with some still being too damaged to access by vehicle. Signs have been replaced where necessary.

#### 1331 Reel life & Both Barrels

• Monthly Reel life emails have been sent to anglers.

#### 1332 Fish & Game Magazine

 A full page article was submitted in January for the upcoming Game Magazine. Work is continuing on updating the database to ensure a minimum number of returns due to incorrect addresses.

# 1352 Angler/Hunter Training

- A beginner one day event will be held at the Game Farm on 6<sup>th</sup> April featuring 4 workshops for anglers to participate in. H&F Napier and a range of volunteers are assisting on the day. A 4 week womens fishing course is being developed with a member of the Napier anglers club which will be run April/May. Discussions with a young angler on taking a students for an after school course are also progressing.
- Staff would also like to hold a game bird hunter education event if a suitable tutor can be find before the season starts.

### 1361 Fish & Game Club Communications

 Staff met with Napier Anglers club president Harvey Burgess mid February to discuss concerns raised from the AGM and audit. Staff will look to attend next months meeting if they would like to discuss further.

## 1371 Fish & Game Huts

• Staff have been up to the hut recently doing routine maintenance and to install safety rails on the bunk beds to prevent falls. A new long drop has been dug and toilet relocated. New smoke alarms installed. Bookings have been slow with river conditions at the site still recovering from the cyclone and the DOC campground below still damaged. More promotion through Facebook may help an end of summer push to get bookings.

#### Public Interface

#### 1451 Education

- (i) Fairhaven school teachers spent a morning with staff discussing ways in which the Game Farm can be accessible to all students. They are keen to use the facilities and programs with students through the year.
- (ii) The grounds have seen extensive work done in removing many dead trees, control of Blackberry & Moth plant through the native plantings and development of a grassed area to be used for activities or event parking. Autumn wetland plantings are planned on the eastern side of the lake. Discussions are ongoing into development of a traditional Pa site on top of the mound to the rear of the lake. Staff have sought advice on the lining of the rear pond so it can be filled and made suitable for Koura habitat. Kowhai panels are being designed by Tipene Cotrell to be installed on the front of the main building.

#### 1452 Game Farm Operations

- Water take sits around 30,000m3 per month with a maximum of 80,000m3 consented. Another inlet to the large pond may be necessary to reduce the lake temperature over summer, with many fish lost due to the high water temperature.
- 2 Compostable toilets have been sold to Cape Sanctuary for \$2000ea (cost recovered). Staff felt 4 are more than adequate to serve our needs for visitors.

#### **Compliance**

#### 1511 Ranging

- An opening weekend operation is being planned with input from honorary rangers and Police.
   We have identified the areas that will be a focus and staff will start to plan safe access to these areas. Teams will consist of 2 Rangers & 1-2 Police Officers.
- Davey Jones is now completed training and is a Warranted Ranger. He'll aim to spend 1 day per week out checking compliance.
- Honorary Rangers are completing and sending in contact forms when they have been out ranging.

#### 1521 Training – Regional Honorary Rangers

• Current honorary ranger warrants will be expiring at the end of September this year. Renewal documents will be send out to regions shortly. As well as meeting performance requirements rangers will also need to be police vetted again.

#### 1530 Compliance/Prosecutions

• Two anglers have been processed for prosecution for Fishing without a Sports fishing licence and both offered diversion. One has completed this diversion and charges have been dropped. The second has until 29 Feb to complete diversion or appear in court on the 7<sup>th</sup> March.

#### Licencing

#### 1611 Licence Production & Distribution

• Gamebird hunting licences are on track to be available for purchase from 14<sup>th</sup> March.

#### 1621 Agent meetings & promotions.

- Regulation booklets will be distributed by staff to the local agents before licences go on sale.
- Staff have visited with local agents to see what support can be offered in the lead up to Gamebird season. Staff will attend an event being held at H&F Napier on the 2<sup>nd</sup> May to assist with licence sales.

#### **Administration**

#### 1932 Staff House

• The house is currently rented for \$450/week. A healthy homes assessment was done when they took over tenancy and some minor repairs have been done.

#### 1991 Vehicles

- GPS tracking with Smartrak is a cost of \$105/month for 2 vehicles. Is it still a necessary expense? There is no contract for services currently.
- Both vehicles have now done in excess of 100,000km. What is the threshold for upgrading?

# **19.** OPERATIONAL REPORTS

# 19.1 FINANCE REPORT

Ref: 8.03.01

# 29 February 2024

#### Purpose

To inform the Council of the year-to-date financial position and approve payments for the months of November and December 2023, and January 2024.

# Tables within this report:

Table 1	Other Income November, December 2023 and January 2024
Table 2	Profit and Loss to 31 January 2024
Table 3	Balance Sheet as at 31 January 2024
Table 4	Variance Report to 31 January 2024
Tables 5, 6 & 7	Bank Transactions November, December 2023, and January 2024
Tables 8, 9 & 10	Credit Card Transactions November, December 2023, and January 2024

# 2. YTD Profit and Loss

The Profit & Loss statement for the period ending 31 January is provided in Table 2. This report documents the income and expenditure for the period.

# **Summary**

With licence revenue continuing to be greater than expenditure a net profit of \$72,846 is reported YTD.

#### Income

#### **Licence Sales**

Licence revenue YTD is \$249,222 compared to an annual budget of \$429,893. The fish licence sales budget is all but met for the season with \$906 remaining. Game licence sales will commence mid-march with the first settlement to regions occurring early April. A more up to date and detailed picture of licence sales performance YTD can be found within the licence sales report.

#### Other Income

Other income YTD is \$17,218 YTD (Table 1)

Table 1: Other Income	Total Budget	YTD Actual
Advertising	\$500	\$0
Glen Falls Hut	\$1,500	\$452
Donations	\$0	\$68
Sundry Income	\$0	\$209
Meeting Room Hire	\$2,000	\$461
Rental Income	\$10,400	\$9,900
Interest Income	\$29,522	\$6,128
Total	\$43,922	\$17,218

### **Expenditure**

Expenditure to 31 January 2024 was \$193,594, being 39% of budgeted total expenditure for the 2023-24 financial year which was 42% complete as at 31 January 2024.

### Depreciation

YTD Depreciation is \$10,622 and is in line with budget.

# **Species Management**

Population monitoring expenses for the period related to staff time and expenses for the shoveler duck survey which Wellington Fish & Game field staff assisted with. An expense is also recorded for the purchase of fish food for the trout held on site.

Species Management spending YTD to 31 January was \$4,922 against a total budget of \$9,800.

#### Habitat

A small expense is reported within the Work & Management output relating to compliance monitoring for the dam at Lake Runanga. Assisted Habitat expenditure related to the purchase of plants and materials for the shade house. Spending YTD \$1,716 – total budget \$7,800.

# **Participation**

Spending within the newsletters budget related to the Mail Chimp subscription, and minor maintenance costs are reported for the Glen Falls hut. Spending YTD \$460 - total budget \$13,300.

#### **Public Interface**

Significant spending is reported within the Public Interface output related to maintenance and development of the game farm. Over half of the expenditure within the Game Farm Maintenance budget related to labour, various other costs were incurred for mowing, irrigation, equipment fuel, and weed spray. Game Farm Development expenses were primarily related to tree removal, earthworks, lawn seed, and a small component of labour.

Education spending for the period included the Tamatea School Curriculum Development of \$10,000 and other minor expenses associated with school visits.

Public Interface spending YTD to 31 January was \$28,704 against a total budget for the year of \$21,500. The funding of the School Curriculum (\$10,000) was to be paid in the 2022-23 financial year and as a result has contributed to the above budget variance.

Additional to spent YTD, items purchased for the Development of the Game Farm which have been transferred to fixed assets included:

Oxygen and temp meter \$2,470

Compostable toilets x 4 \$9,275

A deposit for the toilets was paid in the 2022-23 Financial Year. Funds have been received to General Income for the sale of the two older toilets \$3,478, offsetting a portion of the above spend.

## **Compliance**

A small expense is reported for courier of papers – Spending YTD \$21, total budget \$4,000.

#### Licensing

The Commission budget includes agent commissions and the fees associated with the Public Online and 0800 sales. \$8,473 YTD is in line with sales reported for the period.

#### Council

Expenses are reported within the Council budgets relating to catering for the December meeting of Council, and governance support for the December meeting and management contract discussions.

Council spending YTD to 31 January was \$2,318 against a budget of \$3,300.

#### Planning

The expense associated with the 2022-2023 audit has been processed and was \$2,111 higher than the amount budgeted and accrued for that year. This means the total cost allocated for the 2023-2024 audit will exceed the budget by at least this amount. The higher fee was a result of additional work undertaken by audit staff to complete the audit and was approved by the Office of the Auditor General.

Planning & Reporting spending YTD was \$2,111 against a total budget of \$8,200.

#### **Administration**

- Salaries YTD \$77,131, Total Budget 252,490
- Staff Expenses included staff accommodation, morning tea and lunch expenses, gifts for staff, and Hi Viz vests for staff and volunteers.
- Staff Houses there were no expenses for the period.
- Office Premises the usual expenditure related to rates and electricity and cleaning were incurred. Expenses were also incurred for new keys, exterior painting, pest spraying, and liability insurances which sit under the general insurance budget.
- Office Equipment includes the photocopier lease, coat hooks, and a cell phone purchase.
- Communications expenses are reported relating to telephones, broadband, stationery,
   Xero licence, and photocopying. Additional computer expenses were incurred for antivirus subscription, installation of a new internet router, and HDMI cable.
- General expenses include bank fees, Facebook and istock subscriptions, advertising for the AGM and staff room supplies. A new subscription for Docusign is reported within the period which was set up to assist with the need for approvals from people not on site. Bank fees were higher than usual because of, the annual fee for the Farmlands account and for a late filing fee for IRD.
- General equipment expenses related to the purchase of secateurs, a circular saw, flame torch kit, and soldering iron kit. Maintenance was carried out on the chainsaw.
- Vehicles expenditure relates to fuel, RUC's and reimbursement of travel for the acting manager. The monthly SmartTrack fee is also recorded each month.

#### NZ F & G Levy

Total levy \$29,861 - 50% of budget.

## 3. Balance Sheet

The Balance Sheet as at 31 January 2024 is shown in Table 3 and compares the year to date position with the end of the prior year balance sheet as at 31 August 2023.

Cash Position: As at 31 January 2024

\$ 229,347 Cash & Call accounts (includes \$69,286 Donations)

\$ 535,858 Investments

\$ 765,205 Total

**Debtors:** Outstanding Debtors \$70,104 as at 31 January 2024 (\$53,545 as at 31 January 2023).

# 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 3 months ended 31 January 2024

	NOV 2023	DEC 2023	JAN 2024	YTD ACTUAL	TOTAL BUDGET	REMAINING	% REMAINING
ncome							
Licence Income							
Fish Licence Income	33,158	49,106	42,637	249,050	249,956	(906)	-
Game Licence					179,937	(179,937)	(100)
Income Non Resident							
Licence Revenue	-	-	~	172	-	172	-
Total Licence							
Income	33,158	49,106	42,637	249,222	429,893	(180,671)	(42)
Other Income	3,471	6,779	2,133	17,218	43,922	(26,704)	(61)
Total Income	36,629	55,885	44,769	266,440	473,815	(207,375)	(44)
Operating Expenses							
Depreciation	2,120	2,120	2,141	10,622	23,593	(12,971)	(55)
1100 SPECIES MANAGE	MENT						
1110							
Population Monitoring	<del>-</del> 		2,221	2,753	6,800	(4,047)	(60)
1160 Releases	-	-	2,169	2,169	3,000	(831)	(28)
Total 1100 SPECIES MANAGEMENT	-	-	4,390	4,922	9,800	(4,878)	(50)
1200 HABITAT PROTEC 1210 Resource Management Act	*	-	-	-	2,500	(2,500)	(100)
1220 Works & Management	213		-	213	1,300	(1,087)	(84)
1230 Assisted Habitat	1,211	45	115	1,503	4,000	(2,497)	(62)
Total 1200 HABITAT PROTECTION MANAGEMENT	1,424	45	115	1,716	7,800	(6,084)	(78)
1300 PARTICIPATION							
1310 Access	_	_		_	2,200	(2,200)	(100)
			-				
1320							
1320 Satisfaction Survey	-	-		-	500	(500)	(100)
	- 85	- 65	- 85	405		(500)	
Satisfaction Survey 1330 Newsletters 1340 Informational	-	- 65 -	-	- 405 -	500		(100)
Satisfaction Survey 1330 Newsletters 1340	-	- 65 -	-	405	500 1,500	(1,095)	(100)

Profit & Loss - Council Hawke's Bay Fish and Game Council 29 Feb 2024

	NOV 2023	DEC 2023	JAN 2024	YTD ACTUAL	TOTAL BUDGET	REMAINING	% REMAINING
1270 Fish 0							
1370 Fish &	-	35	20	54	2,000	(1,946)	(97)
Game Huts							
Total 1300	85	100	105	460	13,300	(12,840)	(97)
PARTICIPATIO N	85	100	103	460	13,300	(12,840)	(51)
1400 PUBLIC INTERFA	ACE						
1450 Visitor Facility	1	***************************************			ALLEGE		
Game Farm							
Developmen t	6,287	1,549	2,235	9,996	10,000	(4)	
Maintain Game Farm	2,258	1,048	2,327	8,458	6,000	2,458	41
Game Farm						(0.500)	(****
Operations	=	<u>-</u>		-	3,500	(3,500)	(100)
Education	-	10,000	125	10,214	2,000	8,214	411
Total 1450							
Visitor Facility	8,546	12,597	4,687	28,669	21,500	7,169	33
Total 1400							
PUBLIC INTERFACE	8,546	12,597	4,687	28,669	21,500	7,169	33
1500 COMPLIANCE							
1510 Ranging	-	-	-	-	1,500	. (1,500)	(100)
1520 Ranger Training	-	-	<u> </u>	<u>-</u>	1,000	(1,000)	(100)
1530 Compliance/Pr osecutions	-	-	21	21	1,500	(1,479)	(99)
Total 1500 COMPLIANCE	-		21	21	4,000	(3,979)	(99)
1600 LICENSING							
1610 Licence				2.725	F 6F2	(1.017)	(2.4)
Production	-	-	-	3,735	5,652	(1,917)	(34)
1620 Agent					200	(200)	(100)
Servicing	-	-		<u>-</u>	300	(300)	(100)
1630	1,134	1,658	1,337	8,473	19,345	(10,872)	(56)
Commission	*,***			-,	,-	\—-y	
Total 1600 LICENSING	1,134	1,658	1,337	12,208	25,297	(13,089)	(52)
1700 COUNCILS							
1710 Council					1 000	(1.000)	(100)
Elections	-	-	.,. ,	<u>-</u>	1,000	(1,000)	(100)
1720 Council	_	908	_	2,318	2,300	18	1
Meetings					_,		
Total 1700 COUNCILS	-	908	-	2,318	3,300	(982)	(30)
1800 PLANNING/REPO	ORTING						
1830							
Reporting/Aud	-	-	-	(7,402)	8,000	(15,402)	(193)
it 1840 National							
Liaison			-		200	(200)	(100)
Total 1800 PLANNING/RE				(7,402)	8,200	(15,602)	(190)
PORTING PORTING	-	•	•	(1,402)	0,200	\13,002/	(190)

Profit & Loss - Council Hawke's Bay Fish and Game Council 29 Feb 2024 Page 2 of 3

	NOV 2023	DEC 2023	JAN 2024	YTD ACTUAL	TOTAL BUDGET	REMAINING	% REMAINING
1900 ADMINISTRATIO	N						
1910 Salaries	19,042	14,962	21,397	77,131	252,490	(175,360)	(69
1920 Staff Expenses	314	971	742	2,480	9,500	(7,020)	(74
1930 Staff Houses	-	-	-	3,629	7,700	(4,071)	(53
1940 Office Premises	684	1,380	1,644	6,331	8,600	(2,269)	(26
1950 Office Equipment	106	366	153	838	2,900	(2,062)	(71
1960 Communicatio ns/Consumabl es	475	1,119	448	3,216	11,700	(8,484)	(73
1970 General	265	1,349	427	2,453	6,600	(4,147)	(6:
1980 General Equipment	70	61	93	1,425	2,800	(1,375)	(49
1990 Vehicles	584	791	632	3,185	13,400	(10,215)	(7
Total 1900 ADMINISTRATI ON	21,539	20,999	25,535	100,687	315,690	(215,003)	(68
NZ F&G Levy		•	14,931	29,861	59,722	(29,861)	(50
Total Operating Expenses	34,848	38,427	53,261	184,081	492,202	(308,121)	(63
et Profit	1,781	17,458	(8,491)	82,359	(18,387)	100,746	(548

Profit & Loss - Council Hawke's Bay Fish and Game Council 29 Feb 2024 Page 3 of 3

# Table 3: Balance Sheet

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

	31 JAN 2024	31 AUG 2023
Assets		
Bank		
Westpac Call Account	83,518.94	82,580.07
Westpac Current Account	75,971.53	56,894.13
Donation Account	69,285.51	68,304.53
Westpac Mastercard K Meehan	477.50	
Petty Cash	93.77	352.8
Total Bank	229,347.25	208,131.60
Current Assets		
Debtors & prepayments		
Accounts Receivable	70,104.19	14,464.17
Interest Accrued & Prepayments	-	10,120.4
GST	<u>-</u>	9,729.40
Total Debtors & prepayments	70,104.19	34,313.9
Investments	535,857.78	527,412.78
Farmlands Shares	1,835.00	1,835.00
Total Current Assets	607,796.97	563,561.7
Fixed Assets	396,042.97	394,718.9
Total Assets	1,233,187.19	1,166,412.33
Liabilities		
Current Liabilities		
Creditors and accrued expenses		
Accounts Payable	27,139.57	26,002.26
Accrued Expenses	3,893.56	8,512.00
Income in Advance	24,132.00	35,419.00
GST	2,586.56	
Westpac Credit cards	-	66.00
Westpac Mastercard - CN	943.46	352.59
Total Creditors and accrued expenses	58,695.15	70,351.8
Employee costs payable	6,785.89	11,792.6
Rounding	(0.02)	
Designated Waters Clearing	1,063.16	
Salmon Card	16.64	
Total Current Liabilities	66,560.82	82,144.5
Total Liabilities	66,560.82	82,144.5
Net Assets	1,166,626.37	1,084,267.82
Net Assets Equity	1,166,626.37	1,084,267.82

	31 JAN 2024	31 AUG 2023
Accumulated Funds	887,530.89	872,103.30
Current Year Earnings	82,358.55	34,534.59
Transfer To/From Reserves		(19,107.00)
Total Accumulated Funds	969,889.44	887,530.89
edicated Reserves		
Asset Replacement Reserve	41,636.00	41,636.00
Back Country Fisheries Reserve	86,491.94	86,491.94
Hawke's Bay Pheasants Unlimited	1,647.17	1,647.17
River/Water Quality Donations	66,961.82	66,961.82
Total Dedicated Reserves	196,736.93	196,736.93
otal Equity	1,166,626.37	1,084,267.82

Balance Sheet - Council Hawke's Bay Fish and Game Council 28 Feb 2024 Page 2 of 2



Schedule B Code 1110 1110 1110 1110 1110 1110 1110 11						as	at 31	January 2024	2024									
Code 1110 1120 1160 1170 1180		ם	EXTERNAL COSTS	costs	HOURS	IRS	INTB	INTERNAL C	COST	NETABL	LEINCOME		NETC	COST		NET COST	T	%
1110 1120 1140 1170 1170 1220	Project	Budget	get	Actual	Budget	Actual	Budget		Actual	Budget	Actual		Budget	Actual	a		Variance	
1120 1140 1160 1170 1180 1210	Species Monitoring	\$	008'9	\$ 2,753	795	78	\$ 45,709	\$ 60	4,557	- 9	- 9	69	-		7,310	4	66	13.9
1140 1160 1170 1180 1220	Harvest Assessment	69	1	· •	30	10	\$ 1,725	-	288	- ↔	· •	69	1,725	69	588	\$ 1,137	37	34.1
1160 1170 1180 1220	Hatchery Operations	69	,		0	0	€		1	- -	· •	69	_	€9	1			0.0
1170 1180 1210 1220	Releases	\$	3,000	\$ 2,169	110	0	69	25 \$	1	· +	· •	69	-	€			7,156	23.3
1180	Regulations	€	1	· <del>• • • • • • • • • • • • • • • • • • •</del>	30	17	\$ 1,725	-	1,000	69	9	69	1,725					58.0
1210	Control	\$	T	. \$	0	11	· •	69	647	- \$	- \$	8	1	\$	647	9) \$	(647) #1	#DIV/0!
1210	TOTAL - SPECIES MANAGEMENT	49	008'6	\$ 4,922	962	116	\$ 55,483	83 \$	6,791	- \$	\$	ક	65,283	\$	11,713	\$ 53,570	70	17.9
1220	Resource Management Act	89	2,500	- 9	150	9	\$ 8,624	24 \$	323	- +	· •	69	11,124	€9	323	\$ 10,801	10	2.9
	Works & Management	49	1,300	\$ 213	45	5	\$ 2,587	-	294	· •		69	3,887	69	202	\$ 3,380	80	13.0
1230	Assisted Habitat	69	_	\$ 1,503	180	9	\$ 10,349	49	353	69	69	69	14,349	€9	1,856	\$ 12,493	93	12.9
1240	Assess & Monitor	69	1000		20	4		20 \$	235	69	· ·	69	1,150	€9	-		915	20.5
		69	1	· · · · · · · · · · · · · · · · · · ·		0	€	€9	1	69	69	€9	-	€9	+-			0.0
	TOTAL - HABITAT PROTECTION & M.		7,800	\$ 1,716	395	21	\$ 22,711	11 \$	1,205	- %	· <del>65</del>	49	30,511	8	2,921	\$ 27,589	68	9.6
1310	Access	69	2,200	. 9	06	23	\$ 5,175	\$ 92	1,352	69	69	69	7,375	8	1,352	\$ 6,022	22	18.3
1320	Satisfaction Survey	59	200	9	30	0	\$ 1,725	25 \$	1	69	5	69	2,225	69	1	\$ 2,225	25	0.0
1330	News letters / Information	69	1,500	\$ 405	350	69	69	24 \$	4,028	\$ 500	9	69	21,124	€9	4,433	_	91	21.0
1340	Other Publications	\$		· ·	20	0	69	20 \$		9	59	↔	1,650	69	1	\$ 1,650	20	0.0
1350	Training	€9	6,500	· 69	740	26	\$	47 \$	1,529	69	69	€9	49,047	€9	1,529	\$ 47,518	18	3.1
1360	Club Relations	69	100	· ·	20	-	\$ 1,150	\$ 09	29	9	69	69	1,250	69	59		91	4.7
1370	Huts	€9	2,000 \$	\$ 55	20	7	\$ 2,875	\$ 22	412	\$ 1,500	\$ 452	69	3,375	↔	15	\$ 3,360	90	0.4
	TOTAL - ANGLER & HUNTER PARTICI	so.	13,300	\$ 460	1,300	126	\$ 74,744	44 \$	7,379	\$ 2,000	3 452	49	86,044	\$	7,387	\$ 78,657	57	8.6
1410	Liaison	69	1	· +	909	0	\$ 2,875	\$ 22		5	69	69	2,875	69	,	\$ 2,875	75	0.0
1420	Communication	€9	ı	· ·	75	9	\$ 4,312	12 \$	353	•	€	↔	4,312	€9	353	\$ 3,959	59	8.2
1430	Advocacy	49	1	· •	70	16	\$ 4,025	25 \$	941	•	· •	69	4,025	69	941	\$ 3,084	84	23.4
1440	Public Promotions	€	1	· •	90	0	\$ 2,875	\$ 2/		· •	· · ·	↔	2,875	69	1	\$ 2,875	75	0.0
1450	Visitor Facilities/Education		21,500	\$ 28,669	1,500	919	\$ 86,244	\$ \$	54,035	· ·	· •	↔	107,744	8	82,704	\$ 25,039	39	76.8
	TOTAL - PUBLIC INTERFACE	€	21,500	\$ 28,669	1,745	941	\$ 100,330	30 \$	55,329	- \$	·	ક્ક	121,830	8	83,998	\$ 37,832	32	68.9
1510	Ranging	€	1,500	· •	100	14	\$ 5,750	\$ 09	794	- 69	· •	↔	7,250	€	794	\$ 6,456	26	10.9
1520	Ranger Training	↔	1,000 \$	- 4	09	0	\$ 3,450	\$ 09	1	9	· <del>69</del>	↔	4,450	↔	,	\$ 4,450	20	0.0
1530	Compliance Prosecutions	69		\$ 21	55	9	69	62 \$	353	- \$	· •	€	4,662	\$	-	\$ 4,288	88	8.0
	TOTAL - COMPLIANCE	s	4,000	\$ 21	215	20	\$ 12,362	62 \$	1,147	· &	1 <del>69</del>	49	16,362	\$	1,168	\$ 15,194	94	7.1
1610	Licensing	89	5,652	\$ 3,735	120	3	\$ 6,899	\$ 66	176	- 8	1 \$	€9	12,551	€	3,911	\$ 8,640	40	31.2
1620	Agent Servicing	89	300	1	70	9	\$ 4,025	25 \$	353	- 8	· •	€9	4,325	€9	353	\$ 3,972	72	8.2
	TOTAL - LICENSING	49	5,952	\$ 3,735	190	6	\$ 10,924	24 \$	529	- \$	\$	\$	16,876	\$	4,264	\$ 12,612	12	25.3
1710	Council Elections	\$	1,000	· ·	20	0	\$ 1,150	\$ 09		69	· ·	↔	2,150	↔	-	\$ 2,150	20	0.0
1720	Council Meetings	69	2,300	\$ 2,318	150	64	\$ 8,624	-	3,763	- \$	· •	€9	10,924	69	6,081	\$ 4,843	43	55.7
	TOTAL - COUNCILS	₩.	3,300	\$ 2,318	170	64	\$ 9,774	74 \$	3,763	- %	·	49	13,074	\$	6,081	\$ 6,993	93	46.5
1810	Management Planning	69	-	9	5	2	\$ 2	287 \$	118	- 8	· +	€9	287	\$	118	1	170	40.9
1820	Annual Planning	69	7,700	\$ 2,111	125	48	\$ 7,187	87 \$	2,793	· · ·	69	↔	14,887	69	4,904	\$ 9,983	83	32.9
1830	Reporting/Audit	69	300	9	06	177	\$ 5,175	\$ 22	10,407	- \$	· 69	€	5,475	8	10,407	\$ (4,933)	33)	190.1
1840	National Liaison	€9	200	-	75	10	\$ 4,312	12 \$	588	•	- \$	↔	4,512	€9	588	\$ 3,924	24	13.0
	TOTAL - PLANNING/REPORTING	₩.	8,200	\$ 2,111	295	237	\$ 16,961	61 \$	13,906	- \$	- &⊁	49	25,161	\$	16,017	\$ 9,145	45	63.7
			-		1							-	-		$\vdash$			c c
		A	73,852	\$ 43,952	9,279	1,532	\$ 303,290	\$ 06	90,049	\$ 2,000	497	A	3/3,142	2	133,349	\$ 241,393	95	33.0



OVERHEADS   Budget   Actual	\$ 252,490 \$ 5,500 \$ 15,400 \$ 11,700 \$ 1,800 \$ 2,800 \$ 13,400 \$ 13,400 \$ 3,15,690 \$ 315,690 \$ 3,800 \$ 3,800 \$ 3,800	Actual  \$ 77,131  \$ 2,480  \$ 3,629  \$ 6,331  \$ 838  \$ 3,216  \$ 3,216  \$ 1,425  \$ 3,185  \$ 100,687  ES BETWEEN			The second secon	Budget	Actual S -	<b>Budget</b>		Vai	30 5
1910   Salaries   Safaries   1920   Staff Expenses   1930   Staff Houses   1940   Office Premises   1950   Office Equipment   1950   Office Equipment   1960   Communications/Consumables   1970   Ceneral Equipment   1980   Vehicles   Administration   1990   Vehicles   Internal Cost Per Hour   2023/2024 REPORT OF   Schedule C   Code   Output   Safaff Hours   Sa	\$ 252,490 \$ 5,700 \$ 15,400 \$ 11,700 \$ 2,800 \$ 13,400 \$ 315,690 \$ 315,690 \$ 315,690 \$ 3,800 \$ 3,800	\$ 77,131 \$ 2,480 3,629 \$ 3,629 \$ 3,216 \$ 2,453 \$ 11,425 \$ 3,185 \$ 3,185 \$ 3,185			<del>∞</del> ∞ ∞	1	- 4		€	•	30 5
1920 Staff Expenses 1930 Staff Houses 1940 Office Premises 1950 Office Equipment 1960 Communications/Consumables 1970 General 1980 General Equipment 1980 General Equipment 1980 Vehicles 1980 General Equipment 1980 Vehicles 1980 Administration 2023/2024 REPORT OF 2 Habitat Protection & Management 2 Habitat Protection & Management 3 Angler & Hunter Participation 5 Councils 6 Licensing 7 Councils 8 Planning, Reporting 5 Councils 8 Planning, Reporting 9 Administration Total Overhead Staff Hours 1 Total Overhead Staff Hours 2022-23 Fish Licence Income 1 Licence Income 2 RATICIONE 2022-23 Fish Licence Income 3 Net Fish Licence Income 5 Less Commission 7 Reporting 8 8 Planning Reporting 8 9 Planning Reporting 8	\$ 9,500 \$ 15,400 \$ 2,900 \$ 1,800 \$ 2,800 \$ 315,690 \$ 315,690 \$ 315,690 \$ 3409et	\$ 2,480 3,629 6,331 838 838 5 3,216 5 2,453 7 100,687			<i>₽</i>						3
1930 Staff Houses 1940 Office Pemises 1950 Office Equipment 1960 Communications/Consumables 1970 General 1980 General Equipment 1980 General Equipment 1980 Vehicles 1990	\$ 5,700 \$ 2,900 \$ 11,700 \$ 2,800 \$ 315,690 \$ 315,690 \$ 315,690 \$ 3480	\$ 3,629 \$ 3,216 \$ 3,216 \$ 2,453 \$ 100,687			4	-	9	\$ 9,500	0 \$ 2,480	020' 2	26.1
1950 Office Pemises  1950 Office Equipment  1960 Communications/Consumables  1970 General  1980 General Equipment  1980 General Equipment  1980 General Equipment  1040 Overhead Net Cost  Total Outputs Staff Hours Internal Cost Per Hour  2023/2024 REPORT OF  2023/2024 REPORT OF  Schedule C  Code  Output  2023/2024 REPORT OF  Schedule C  Code  Ucon pliance  5  Com pliance  5  Councils  8  Planning, Reporting  7  Councils  8  Planning, Reporting  9  Adm inistration  Total Overhead Staff Hours  1 TOTAL BUDGET  2022-23 Fish Licence Income  1 Less Commission  2 Less Commission  1 Less Commission  2 Less Commission  3 Reference Income  3 Reference Income  5 Reference I	\$ 15,400 \$ 2,900 \$ 1,700 \$ 2,800 \$ 315,690 \$ 315,690 \$ 315,690 \$ 3480AL COSTS \$ 9,800	\$ 6.331 \$ 838 \$ 3.216 \$ 2.453 \$ 3.185 \$ 3.185 \$ 100.687 \$ \$ BETWEEN			<b>&gt;</b>	10,400	006'6 \$	69	_	1,571 \$ (1)	133.4
1950 Office Equipment 1960 Communications/Consumables 1970 General 1980 General Equipment 1980 General Equipment 1990 Vehicles 1990 Vehicles 1990 Vehicles 104 Outputs Staff Hours 104 Output Staff Hours 104 Output Staff Hours 105 Administration 2023/2024 REPORT OF 2023/2024 REPORT OF 2023/2024 REPORT OF 3 Angler & Hunter Participation 5 Compliance 5 Compliance 5 Compliance 5 Councils 6 Licensing 7 Councils 8 Planning, Reporting 9 Administration 1 Total Overhead Staff Hours 1 Total Overhead Staff Hours 2022-23 Fish Licence Income 1 Less Commission 2 Net Fish Licence Income 2 Less Commission 3 Less Commission 4 Less Commission 4 Less Commission 5 Less Commission 5 Less Commission 6 Less Commission 7 Less Commission 8 Less Com	\$ 2,900 \$ 11,700 \$ 2,800 \$ 315,690 F VARIANCI F VARIANCI \$ 9,800 \$ 9,800	\$ 838 \$ 3,216 \$ 2,453 \$ 11,425 \$ 100,687			€9	2,000	\$ 461	\$ 13,400	0 \$ 5,870	0 \$ 7,530	43.8
1960 Communications/Consumables \$ 1970 General Equipment \$ 1980 Vehicles \$ 1990 Vehicles \$ Administration \$ Total Outputs Staff Hours Internal Cost Per Hour \$ 2023/2024 REPORT OF Schedule C	\$ 11,700 \$ 2,800 \$ 13,400 \$ 315,690 F VARIANCL F VARIANCL \$ 9,800 \$ 9,800	\$ 3,216 \$ 2,453 \$ 1,425 \$ 100,687 \$ SBETWEEN			₩		- 8	\$ 2,900	388 838	_	28.9
1970 General 1980 General Equipment 1990 Vehicles 1990 Vehicles 1990 Vehicles 1990 Vehicles 1990 Vehicles 104 Administration 1 Total Outputs Staff Hours 1 Internal Cost Per Hour 2023/2024 REPORT OF 2 Habitat Protection & Management 3 Angler & Hunter Participation 4 Public Interface 5 Compliance 6 Licensing 6 Licensing 7 Councils 8 Planning, Reporting 9 Administration Total Overhead Staff Hours 1 TOTAL BUDGET 2022-23 Fish Licence Income 1 Less Commission 2 Net Fish Licence Income 5 Less Commission 2 Less Commission 3 Less Commission 3 Less Commission 3 Less Commission 3 Less Commission 4 Less Commission 5 Less Commission 6 Less Commission 7 Less Commission 8 Less Commiss	\$ 1,800 \$ 2,800 \$ 13,400 \$ 315,690 F VARIANCI Budget \$ 9,800	\$ 2,453 \$ 1,425 \$ 3,185 \$ 100,687			€	1		\$ 11,700	3,216	6 \$ 8,484	27.5
1980   General Equipment   5	\$ 2,800 \$ 13,400 \$ 315,690 F VARIANCL Budget \$ 9,800	\$ 1,425 \$ 3,185 \$ 100,687 ES BETWEEN			€9	1	\$ 277	\$ 1,800	0 \$ 2,176	_	120.9
1990   Vehicles   S	# 13,400   13,400   13,400   14,400   1	\$ 3,185 \$ 100,687 ES BETWEEN			69			\$ 2,800	0 \$ 1,425	5 \$ 1,375	50.9
Administration  Total Outputs Staff Hours Internal Cost Per Hour  2023/2024 REPORT OF  2023/2024 REPORT OF  Code  Code  Abitat Protection & Management \$ 3 Angler & Hunter Participation \$ 4 Public Interface \$ 5 Compliance \$ 5 Compliance \$ 5 Councils 8 Planning, Reporting \$ 7 Councils 8 Planning, Reporting \$ 7 Total Overhead Staff Hours   7 Total Overhead Staff Hours   8 Planning, Reporting \$ 9 Administration   1 TOTAL BUDGET   1 Licence Income 2023-2024  2022-23 Fish Licence Income \$ 8 Less Commission -\$ 1 Less Commission   8 Less Commission   9 Attention of the code of the co	F VARIANCI  Budget  \$ 9,800	s 100,687			69	1		\$ 13,400	3,185	5 \$ 10,215	23.8
Total Overhead Net Cost  Total Outputs Staff Hours Internal Cost Per Hour  2023/2024 REPORT OF Schedule C  Code  Code  Code  Code  A Public Interface  S Compliance  Councils  B Planning, Reporting  Councils  Reporting  Total Overhead Staff Hours  TOTAL BUDGET  TOTAL BUDGET  CO222-23 Fish Licence Income  Res Commission  Less Commission  Less Commission  Less Commission  Less Commission  Less Commission  S	F VARIANCI TENAL COSTS Budget \$ 9,800	ES BETWEEN			49	12,400	\$ 10,638	\$ 303,290	0 \$ 90,049	19 \$ 213,241	29.7
Total Outputs Staff Hours Internal Cost Per Hour  2023/2024 REPORT OF Schedule C Code Output  1 Species Management \$ 2 Habitat Protection & Management \$ 3 Angler & Hunter Participation \$ 4 Public Interface 5 Compliance 6 Licensing 7 Councils 8 Planning, Reporting \$ 7 Councils 8 Planning, Reporting 9 Administration TOTAL BUDGET  CO22-23 Fish Licence Income 1 Less Commission 1 Net Fish Licence Income 2 Less Commission 2 Less Commission 3 Less Commission 2 Less Commission 3 Less Commission 4 Less Commission 5 Less Commission 5 Less Commission 7 Less	F VARIANCI TENAL COSTS Budget \$ 9,800	ES BETWEEN						\$ 303,290	0,049	6.	
Schedule C  Schedule C  Code  Code  Dutput  Tode  Dutput  Species Management  A Habitat Protection & Management  A Hubic Interface  Compliance  E Compliance  Councils  Maministration  Total Overhead Staff Hours  TOTAL BUDGET  CO222-23 Fish Licence Income  Res Commission  Co224 Game Licence Income  Succession  Co326 Commission  Co46 Co46 Co46 Co46 Co46 Co46 Co46 Co46	F VARIANCI TENAL COSTS Budget \$ 9,800	ES BETWEEN						5,275	75 1,532	32	
Schedule C  Schedule C  Code  Output  1 Species Management \$ \$ \$ \$ 4 Habitat Protection & Management \$ \$ \$ \$ 4 Public Interface \$ \$ \$ \$ \$ Compliance \$ \$ \$ \$ \$ Councils \$ \$ \$ \$ Panning, Reporting \$ \$ \$ \$ \$ \$ Panning, Reporting \$ \$ \$ \$ \$ \$ \$ Panning, Reporting \$ \$ \$ \$ \$ \$ \$ \$ Panning, Reporting \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	F VARIANCI THRNAL COSTS Budget \$ 9,800	S BETWEEN						57.50	50 58.80	80	
ut ent & Management rrticipation aff Hours	Budget \$ 9,800			BUDGET AND	OTAL BUDGET AND YEAR TO DATE ACTUAL EXPENDITURE AND INCOME	re actu	AL EXPE	NDITUREA	ND INCOME		
ut R Management articipation aff Hours 1024	Budget 9,800			INTERNAL COS		NETABLEINCOME		NET COST		NET COST	%
aff Hours  1024	9,800	Actual Bu	Budget Ac	Actual Budget	Actual	Budget	Actual	Budget	Actual	Variance	
& Management orticipation aff Hours 1024		\$ 4,922	965	116 \$ 55,483	\$ 6,791 \$		, 4 <del>0</del>	\$ 65,283	3 \$ 11,713	3 \$ 53,570	17.9
aff Hours  1024	7,800	\$ 1,716	395	21 \$ 22,711	\$ 1,205 \$			\$ 30,511	<b>€</b>	1 \$ 27,589	9.6
aff Hours	13,300		1,300	49	ss.	2,000	\$ 452		s	69	8.6
aff Hours	21,500	\$ 28,669	1,745	49	\$ 55,329		- - -	_	₩	69	68.9
aff Hours	4,000		215	49	\$ 1,147		· •		49	49	7.1
aff Hours	5,952		190	<b>6</b> 9	\$ 529		·	\$ 16,876	<b>6</b>	\$	25.3
aff Hours	3,300		170	69 (	\$ 3,763		·		<b>69</b> (	⊌ <del>,</del> (	46.5
off Hours	8,200	\$ 2,111	282	237 \$ 16,961	\$ 13,906 \$	-	-	\$ 25,161	1 \$ 16,017	7 \$ 9,145	63.7
:024			0	394							
1024	73.852	\$ 43.952	5.275	1.926 \$ 303.290	\$ 90.049	2.000	\$ 452	\$ 375.142	133.549	9 \$ 241.593	
Income	Budget	Act		n ple	of OWP bud				.0		
e Income	249,956	\$ 249,222	MO	OWP Bulk Fund	Actual Net Cost YTD	TD		\$ 375,142	2 \$ 133,549	6:	
e Income	\$ 11,248		Adj	ustment to OWP be	Adjustment to OWP budgets - National Approved Budget	proved Bu	dget				
5	238,708	\$ 249,222			less interest			\$ (29,522)	(6,128)	(8)	
	\$ 179,937				Plus NZ Fish & Game Levies	e Levies		\$ 59,722	2 \$ 29,861	25	
	\$-8,097	· •			Less Licence Revenue	nne		\$ (429,893)	3) \$ (249,222)	(2)	
					Plus Commission Expense	pense		\$ 19,345	5 \$ 8,473	.3	
Net Game Licence Income \$	171,840	- \$			Plus Gain Loss on Sale/revaluation	sale/revaluati	on	· &	· •		
Total Licence Income \$	429,893	\$ 249,222			Depreciation			\$ 23,593	3 \$ 10,622	2	
Total Commission\$	\$ 19,345 -\$	\$ 8,473	Adj	Adjusted Budget	Actual(surplus)/deficitYTD	leficitYTD	Total	\$ 18,387	7 \$ (72,846	(9)	

# 5. Bank Transactions

Bank and credit card transactions for the period 1 November to 31 January are shown on Tables 5 through 10.

Table 5: Wes	stpac Current Account Transactions		
Hawke's Ba	y Fish and Game Council		
For the period	1 November 2023 to 30 November 2023		
Date	Payee	DC Batch	Amount
06 Nov 2023	Davy Jones	129.96	
06 Nov 2023	John Lumsden	150.00	
06 Nov 2023	Design Cuisine Limited	163.88	
06 Nov 2023	Wormald	199.18	
06 Nov 2023	Design Cuisine Limited	264.50	
06 Nov 2023	Graham Marshall	280.00	
06 Nov 2023	AOC Tree Care Limited	1,569.75	2,757.27
06 Nov 2023	Generated by Xero Payroll		4,489.70
06 Nov 2023	Inland Revenue Department		4,506.72
08 Nov 2023	Cardlink Systems DD		10.36
13 Nov 2023	One New Zealand Group DD		0.51
13 Nov 2023	One New Zealand Group DD		386.37
15 Nov 2023	Napier City Council DD		1,120.24
20 Nov 2023	Mitre10 Mega	19.43	
20 Nov 2023	Eastern Fish and Game Council	80.33	
20 Nov 2023	Mitre10 Mega	106.20	
20 Nov 2023	Mitre10 Mega	117.98	
20 Nov 2023	Mitre10 Mega	154.85	
20 Nov 2023	Mitre10 Mega	158.00	
20 Nov 2023	Mitre10 Mega	215.99	
20 Nov 2023	Mitre10 Mega	231.66	
20 Nov 2023	Kerry Meehan	300.00	

20 Nov 2023	Immaculate Cleaning	340.00	
20 Nov 2023	Peter Frehner	378.42	
20 Nov 2023	Graham Marshall	392.00	
20 Nov 2023	Stihl Shop Greenmeadows	779.00	
20 Nov 2023	Davy Jones	1,380.02	
20 Nov 2023	AOC Tree Care Limited	1,656.00	
20 Nov 2023	New Zealand Fish and Game Council	2,147.36	
20 Nov 2023	New Zealand Fish and Game Council	17,170.12	25,627.36
20 Nov 2023	Generated by Xero Payroll	<del></del> -	4,897.40
20 Nov 2023	Kelvin Watts		300.00
20 Nov 2023	FujiFilm DD		156.03
20 Nov 2023	Frank Energy DD		297.29
28 Nov 2023	EYEDE SOLUTIONS		198.00
30 Nov 2023	BOL Monthly Charges		3.99
Total			44,751.24

Table 6: Westpac Current Account Transactions

# Hawke's Bay Fish and Game Council

For the period 1 December 2023 to 31 December 2023

Date	Payee	DC Batch	Amount
04 Dec 2023	Kerry Meehan	24.24	
04 Dec 2023	Davy Jones	40.00	
04 Dec 2023	Davy Jones	44.47	
04 Dec 2023	Kelvin Watts	287.50	
04 Dec 2023	Graham Marshall	392.00	
04 Dec 2023	AOC Tree Care Limited	1,035.00	1,823.21
04 Dec 2023	Generated by Xero Payroll		4,526.91
04 Dec 2023	Inland Revenue Department		12,695.99
11 Dec 2023	Cardlink Systems DD		10.36
12 Dec 2023	One New Zealand Group DD		368.38
18 Dec 2023	Mitre10 Mega	63.22	
18 Dec 2023	Eastern Fish and Game Council	78.03	
18 Dec 2023	Mitre10 Mega	117.98	
18 Dec 2023	Mitre10 Mega	252.77	
18 Dec 2023	Kelvin Watts	287.50	
18 Dec 2023	Farmlands	317.23	
18 Dec 2023	Graham Marshall	336.00	
18 Dec 2023	AOC Tree Care Limited	345.00	
18 Dec 2023	Farmlands	347.42	
18 Dec 2023	Stihl Shop Greenmeadows	356.50	
18 Dec 2023	Kelvin Watts	375.00	
18 Dec 2023	Kerry Meehan	391.60	
18 Dec 2023	Immaculate Cleaning	425.00	
18 Dec 2023	Peter Frehner	475.00	
18 Dec 2023	Farmlands	694.83	4,863.08
18 Dec 2023	Generated by Xero Payroll		4,406.70
18 Dec 2023	Inland Revenue Department		5,007.67
20 Dec 2023	FujiFilm DD		161.21
20 Dec 2023	Frank Energy DD		301.15
20 Dec 2023	Poronui Lodge Taupo	111.00	
20 Dec 2023	Graham Marshall	252.00	

20 Dec 2023	KM Enterprises Ltd	1,622.65	
20 Dec 2023	Eastern Fish and Game Council	5,344.63	1
20 Dec 2023	Tamatea High School	11,500.00	18,830.28
28 Dec 2023	EYEDE SOLUTIONS		259.00
29 Dec 2023	BOL Monthly Charges		4.75
Total			53,258.69

Table 7: Westpac Current Account Transactions

# Hawke's Bay Fish and Game Council

For the period 1 January 2024 to 31 January 2024

Date	Payee	DC Batch	Amount
01 Jan 2024	Generated by Xero Payroll		4,268.40
08 Jan 2024	Cardlink Systems DD		10.36
10 Jan 2024	Kelvin Watts	675.00	
10 Jan 2024	Leafland Nursery	784.30	1,459.30
11 Jan 2024	One New Zealand Group DD		365.71
15 Jan 2024	Generated by Xero Payroll		4,316.96
19 Jan 2024	Stihl Shop Greenmeadows	12.00	
19 Jan 2024	Mitre10 Mega	178.11	
19 Jan 2024	Johnston Locksmiths	80.00	
19 Jan 2024	Eastern Fish and Game Council	81.48	
19 Jan 2024	Mitre10 Mega	247.20	
19 Jan 2024	EYEDE SOLUTIONS	259.00	
19 Jan 2024	Peter Frehner	300.00	
19 Jan 2024	New Zealand Fish and Game Council	336.43	
19 Jan 2024	EYEDE SOLUTIONS	351.00	
19 Jan 2024	Mitre10 Mega	360.71	
19 Jan 2024	NZME Publishing Limited	398.71	
19 Jan 2024	Need A Nerd- Engage Technology Limited	437.49	
19 Jan 2024	Graham Marshall	448.00	
19 Jan 2024	S A Robinson	450.00	
19 Jan 2024	Rentokil	684.25	
19 Jan 2024	Employment Advocacy Limited	747.50	
19 Jan 2024	Jamieson Earthworks Limited	1,545.60	6,917.48
19 Jan 2024	Inland Revenue Department		4,528.44
22 Jan 2024	FujiFilm DD		213.36
22 Jan 2024	Frank Energy DD		257.08
29 Jan 2024	Generated by Xero Payroll		4,525.26
29 Jan 2024	Inland Revenue Department		7,943.11
31 Jan 2024	BOL Monthly Charges		4.18
Total			34,809.64

Table 8: Westpac Mastercard - KM

# Hawke's Bay Fish and Game Council

For the period 1 November 2023 to 31 January 2024

Date	Payee	Amount
12 Dec 2023	NZ Transport Agency	392.44
13 Dec 2023	Mailchimp	74.96
13 Dec 2023	Star Foods (Owen Family Holdings Ltd)	171.94
14 Dec 2023	New World Greenmeadows	59.02
15 Dec 2023	Mobil	197.78
20 Dec 2023	THE LOCAL CAFE NAPIER	12.00
22 Dec 2023	New World Greenmeadows	100.00
02 Jan 2024	Bunnings	240.77
05 Jan 2024	Paper Plus	22.98
05 Jan 2024	Mailchimp	97.75
07 Jan 2024	Bunnings	36.88
09 Jan 2024	Westshore Motor Inn	269.00
11 Jan 2024	Technolab	2,004.84
19 Jan 2024	Dominos	85.52
23 Jan 2024	New World Greenmeadows	34.05
29 Jan 2024	DHL Express	465.71
Total		4,265.64

# Table 9: Westpac Mastercard - CN

Hawke's Bay Fish and Game Council

For the period 1 November 2023 to 31 January 2024

Date	Payee	Amount
03 Nov 2023	FACEBK ERJJXSB4W2	50.00
05 Nov 2023	Mailchimp	97.75
05 Nov 2023	iStock.com	40.25
06 Nov 2023	FACEBK ERJJXSB4W2	50.00
07 Nov 2023	Caltex Taradale	195.20
09 Nov 2023	New World Greenmeadows	35.04
09 Nov 2023	Paper Plus	8.48
10 Nov 2023	FACEBK ERJJXSB4W2	75.00
12 Nov 2023	FACEBK ERJJXSB4W2	31.79
1		

Total		3,751.92
31 Jan 2024	Hawkes Bay Embroidery	385.25
26 Jan 2024	BP Fuel	40.00
25 Jan 2024	BP Fuel	116.71
17 Jan 2024	Napier Fuel Stop	50.00
12 Jan 2024	FACEBK ERJJXSB4W2	13.84
05 Jan 2024	iStock.com	40.25
28 Dec 2023	Mitre 10 Mega Napier	360.71
24 Dec 2023	BP Fuel	40.00
22 Dec 2023	BP Fuel	128.70
18 Dec 2023	FACEBK ERJJXSB4W2	100.00
17 Dec 2023	Boat Ramp Eatery	235.00
15 Dec 2023	BP Fuel	40.00
15 Dec 2023	BP Fuel	40.00
15 Dec 2023	FACEBK ERJJXSB4W2	186.16
06 Dec 2023	FACEBK ERJJXSB4W2	212.13
06 Dec 2023	Chillisoft Limited	278.30
05 Dec 2023	iStock.com	40.25
04 Dec 2023	DocuSign	500.39
30 Nov 2023	BP Fuel	40.00
30 Nov 2023	BP Fuel	40.00
23 Nov 2023	Kerry Meehan	25.40
17 Nov 2023	New World Greenmeadows	40.58
15 Nov 2023	Davy Jones (BP)	20.00
15 Nov 2023	Davy Jones (BP)	125.56
12 Nov 2023	FACEBK ERJJXSB4W2	29.18
12 Nov 2023	Davy Jones (BP)	40.00

Table 10: Wes	tpac Mastercard - CT	
Hawke's Bay	Fish and Game Council	
For the period 1	November 2023 to 31 January 2024	
Date	Payee	Amount
04 Nov 2023	Garmin Europe Ltd	33.00
04 Dec 2023	Garmin Europe Ltd	33.00
Total		66.00

# 6. Recommendation

# 6.1 That the payments for 1 November to 31 January totalling 140,903.13 be approved.

Current Account – November 2023	\$44,751.24
Current Account – December 2023	\$53,258.69
Current Account – January 2023	\$34,809.64
Credit Card (KM) – November 2023 - January 2024	\$4,265.64
Credit Card (CN) – November 2023 - January 2024	\$3,751.92
Credit Card (TW) – November 2023 - January 2024	\$66.00
Total	\$140,903.13

6.2 That Council assess requirements for the Game Farm Development and Maintenance for the remainder of the year and consider where reductions in spending within other budgets can occur or alternatively request approval from the New Zealand Council for exceptional funding to utilise regional reserves.

#### 19.2 LICENCE SALES REPORT

# 27 February 2024

# 1. 2023-2024 Fish Licence Sales

- 1.1 Fish licence sales for the 2023-24 season compared with the 2022-23 season to 26 February are summarised in Table One.
- 1.2 Fish licence sales are reporting to be 10.4% (236 LEQ's) below 2022-23 season results for the same period.
- 1.3 The annual sales target has been exceeded at 108.7% YTD.

Table One: Fish Licence Sales 2023-24 vs 2022-23 YTD results to 26 February 2024

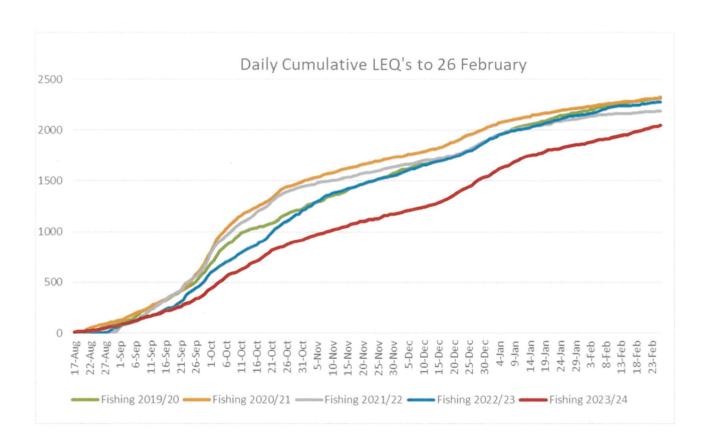
Licence Category	Agency Online	Public Online & Call Centre	Total YTD 2022- 23	Agency Online	Public Online & Call Centre	Total YTD 2023- 24	Inc/Dec on prior Season
Fish Adult							
Family	150	220	370	99	189	288	-82
Season	425	486	911	348	462	810	-101
Season Non-Resident	54	160	214	72	122	194	-20
Loyal Senior	136	98	234	127	90	217	-17
Local Area Adult	90	58	148	58	68	126	-22
Winter Adult	0	0	0	0	0	0	0
Long Break Adult	4	11	15	0	6	6	-9
Short Break Adult	25	52	77	16	100	116	39
Day	71	217	288	58	281	339	51
Day Non-Resident	191	148	339	176	228	404	65
Total Adult	1,146	1,450	2,596	954	1,546	2,500	-96
Fish Junior							
Season	70	90	160	62	128	190	30
Season Non-Resident	1	0	1	1	3	4	3
Day	7	30	37	6	66	72	35
Day Non-Resident	4	4	8	5	2	7	-1
Total Junior	82	124	206	74	199	273	67
Fish Child							Harris de la companya
Season Non-Resident	0	3	3	0	0	0	-3

Day Non-Resident	0	3	3	0	1	1	-2
Total Child	0	6	6	0	1	1	-5
Total Fish	1,228	1,580	2,808	1,028	1,746	2,774	-34
Whole Season Equivaler	nt (LEQ)		2,278			2,042	-236
Variance between Seaso	ons						-10.4%
\$ (excl GST)			\$287,267		10	\$271,725	-\$15,542

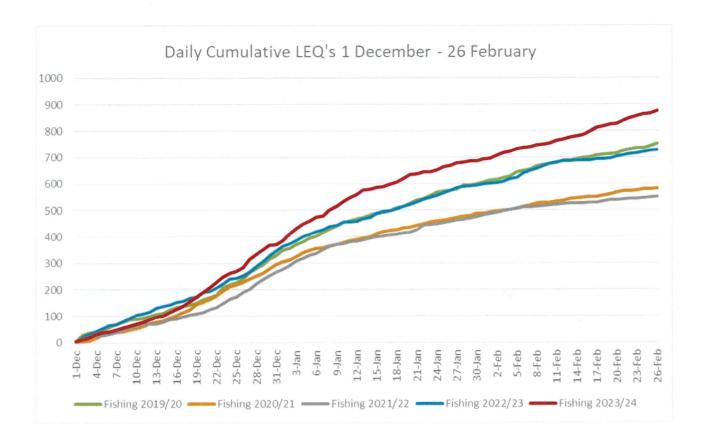
#### Summary 2023-2024 Season YTD Actual vs Total Budget

2023-24 Annual Budgeted FISH LEQs	1,879	100.0%	\$249,956
2023-24 Actual	2,042	108.7%	\$271,725
Variance to budget	163	8.7%	\$21,769

#### Graph One: Daily Cumulative LEQ's to 26 February 2024



Graph Two: Daily Cumulative LEQ's to 1 December to 26 February 2024





2

## HAWKE'S BAY FISH AND GAME COUNCIL

## OPERATIONAL WORK PLAN 2023-2024

# ANNUAL OPERATIONAL WORK PLAN DRAFT 1 September 2023 - 31 August 2024

#### **GENERAL INFORMATION**

Hawke's Bay Region Office and Game Farm

**Street Address:** 

22a Burness Road, Jerviostown, Napier

Postal address:

P O Box 7345, Taradale 4141

Telephone: Email:

(06) 844 2460

hawkesbay@fishandgame.org.nz

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#### INTRODUCTION

#### 1. Mission Statement

To manage, maintain and enhance the sports fish and game resource in the interest of anglers and hunters.

The functions of Fish and Game New Zealand, as described by the Conservation Act 1987, include:

- monitoring sports fish and game bird populations;
- monitoring the success and satisfaction of users;
- monitoring the condition and trend of ecosystems as habitats for sports fish and game;
- maintaining and improving access;
- maintaining and enhancing the habitat of sports fish and game;
- formulating and establishing regulations and policies which ensure the maintenance of sports fish and game populations and the recreational experience;
- securing compliance with sports fish and game regulations;
- promoting recreational angling and game bird hunting;
- representing the interests of anglers and hunters in the statutory planning process;
- keeping anglers and hunters informed.

Whilst being mindful of these functions, the emphasis of the OWP in any one year must reflect the current requirements or priorities of Council. Council does not have the capacity to spread resources equally across each function or output category. The OWP takes into consideration the current operational state of the Hawkes Bay Region.

#### 1.2 Priorities for the 2023-24 Year

- Developing and refining the educational programmes for the Hawkes Bay Fish and Game facility and to seek funding from the MOE for this.
- Development of a wetland educational facility at the Game Farm
- Improving & building better relationships with rural communities, Iwi, Mana Whenua/Hapu
- Promotion of sports fishing and gamebird hunting to new licence holders
- Right to fish/hunt. The retention of social licence and approval of the general public.
- Assessing/monitoring of the populations of sports fish and game birds and advising of this to licence holders.
- To seek corporate/other funding for development of the Fish and Game facility.

#### 1.3 Comparative Licence Sales

FISHING LICENCES	2018/19	2019/20	2020/21	2021/22	2022/23
Adult Whole Season	1020	1037	1236	1156	932
Non-Resident Whole Season	321	252	35	30	239

Loyal Senior Whole Season	197	202	233	253	237
Local Area Whole Season	211	177	230	227	150
Family Fishing	398	387	442	424	380
Adult Day	572	606	698	618	448
Non-Resident Day	457	361	45	29	527
Adult Winter	169	153	153	147	78
Adult Short Break	172	157	196	183	127
Adult Long Break	16	16	10	10	15
Junior Whole Season	149	173	228	233	182
Junior Non-Resident Whole Season	3	5	2	0	5
Junior Day	139	93	132	127	50
Junior Non-Resident Day	12	9	0	1	8
Child Non-Resident Whole Season	3	5	2	0	7
Child Non-Resident Day	4	1	0	0	4
Total Fish Licences	3853	3634	3644	3443	3389
Whole Season Licence Equivalent	2583	2463	2567	2449	2291

GAME LICENCES	2019	2020	2021	2022	2023
Adult Whole Season	1825	1591	1793	1864	1700
Adult Day	108	85	104	74	79
Junior Whole Season	179	141	168	185	165
Junior Day	2	11	6	6	0
Child Whole Season	57	60	69	69	59
Total Game Licences	2171	1888	2140	2198	2003
Whole Season Licence Equivalent	1884	1637	1848	1916	1748

OUTPUT 1

## SPECIES MANAGEMENT

#### Goal

To manage sustainable populations of sports fish and game bird species to provide for recreational harvest.

This output focuses on the sustainable management of sports fish and game bird species. This includes waterfowl population monitoring, sports fish and game bird population management, establishing regulations to ensure user harvest occurs on a sustainable basis and mitigating significant game bird damage to private property.

#### **Species Management Project Clusters**

Project and Objective  1111 River fisheries investigations  Continue monitoring programmes for sports fish populations in the region's key river fisheries and where possible work with other agencies to collect fishery data.  Use EDNA to establish recovery of river populations following cyclone Gabrielle.  1114 Lake Tütira  Work with relevant agencies, Iwi and landowners on Lake Tutira eel and trout fisheries.  1115 Upland / Headwater Fisheries Respond to any concerns over trout fisheries health.  1116 Game bird trend counts i)To monitor black swan and paradise shelduck populations within the Hawkes Bay Region using aerial trend counts.  1118 Waterfowl monitoring programme  (i) Collaboratively monitor waterfowl populations within proposed Duck Management Units with adjoining Fish & Game regions via aerial surveys.	Report river fishery investigation results to Council by 31 July 2024  Report activities to the following meeting of Council.  Report activities to the following meeting of Council.  Presentation of 2023 trend count report to Council by 30 October
Work with relevant agencies, Iwi and landowners on Lake Tutira eel and trout fisheries.  1115 Upland / Headwater Fisheries Respond to any concerns over trout fisheries health.  1116 Game bird trend counts i)To monitor black swan and paradise shelduck populations within the Hawkes Bay Region using aerial trend counts.  1118 Waterfowl monitoring programme (i) Collaboratively monitor waterfowl populations within proposed Duck Management Units with adjoining Fish & Game regions via aerial surveys.	meeting of Council.  Report activities to the following meeting of Council.  Presentation of 2023 trend count
Respond to any concerns over trout fisheries health.  1116 Game bird trend counts  i) To monitor black swan and paradise shelduck populations within the Hawkes Bay Region using aerial trend counts.  1118 Waterfowl monitoring programme  (i) Collaboratively monitor waterfowl populations within proposed Duck Management Units with adjoining Fish & Game regions via aerial surveys.	meeting of Council.  Presentation of 2023 trend count
1116 Game bird trend counts  i) To monitor black swan and paradise shelduck populations within the Hawkes Bay Region using aerial trend counts.  1118 Waterfowl monitoring programme  (i) Collaboratively monitor waterfowl populations within proposed Duck Management Units with adjoining Fish & Game regions via aerial surveys.	Presentation of 2023 trend count
<ul> <li>Waterfowl monitoring programme         <ul> <li>(i) Collaboratively monitor waterfowl populations within proposed Duck Management Units with adjoining Fish &amp; Game regions via aerial surveys.</li> </ul> </li> </ul>	2024.
1119 Predator Control	(i) Provide council updates of activities when provided
Provide advice and assistance to landowners on trapping methods including follow-up site visits to Gamebird Habitat Trust grant recipients	(i) Provide Council with a report on the predator control project by 31 August 2023. (ii) Provide Council with an updat by 31 August 2024.

PC1120: Harvest Assessment: Assess angler and hunter act	tivity and related harvest
Project and Objective	Performance measure

1121	Utilise and review the online angling diary programme to assess angler catch, harvest and satisfaction from rivers and streams in the Hawkes Bay region.				on the 2023-2024 summer urvey by 31 August 2024.
1122	Game Bird Hunter Survey Assess the harvest of game birds by hunters and hunter effort during the 2024 season.				t the results of the 2024 eason hunter surveys to il by 30 November 2024. ete the 2024 game bird surveys by 31 August 2024.
Direct	Costs: \$0	Hours: 30	Internal Costs: \$1725		Total Costs: \$1725

PC1160: Liberations: To liberate fish to lakes within the Hawkes Bay R	legion where necessary to maintain
adequate fish populations.	
Project and Objective	Performance measure
<ul> <li>Liberations         <ul> <li>(i) Continue to discuss and work towards an agreement regarding the release of trout in Tūtira with Maungaharuru Tangitu and other</li> </ul> </li> </ul>	(i)Provide updates in the council management reports
interested parties.  (ii) Liberate & tag 150 fin marked yearling trout into Lake Hawkston near Patoka to increase lake fishing opportunities within the Hawkes Bay Region.  (iii) Investigate other opportunities within the region to establish other	(ii)Complete liberations by 31 August 2024 and report liberations to the following meeting of Council.
lake fisheries	(iii)Provide updates in the council management reports
Direct Costs: \$3000 Hours: 110.00 Internal Costs: \$6325	Total Costs:\$9325

Project	and Objective			Perforn	nance measure	
1171	Sports Fish I To maintain s annual angler	ports fish resources through	h the development of an	conditi	mend fishing season ons for the 2024-25 s Notice by 30 June 2024.	
1172	Game Bird Regulations To maintain game bird resources through the development of annual game season conditions.			Recommend game season conditions for the 2024 season to the NZ Council by 31 Jan 2024.		
Direct	Costs: \$0	Hours: 30.00	Internal Costs: \$1	725	Total Costs: \$1725	

PC1180: Game Bird Control: Minimise significant damage caused by g	ame birds to private land
Project and Objective	Performance measure

#### 1181 Game Bird Control

- (i) To reduce damage to crops from unwanted aggregations of game birds through assisting landowners and utilising the efforts of game bird hunters wherever practical.
- (ii) Minimise avian botulism outbreaks through dispersal or collection.

(i) Respond to landowner requests for assistance to disperse game birds by issuing permits to disturb. Report to Council on number of permits issued in the year end Performance report.
(ii) Respond to botulism outbreaks as they arise.

Direct Costs: \$0 Hours:0 Internal Costs: \$0 Total Costs: \$0

# SPORTS FISH AND GAME BIRD HABITAT PROTECTION AND MAINTENANCE

#### Goal

To manage, maintain, and enhance sports fish and game bird habitat to maximise recreational opportunities for anglers and hunters.

#### **Description**

The maintenance, enhancement and management of habitat remain the number one national priority for Fish and Game New Zealand and this region. The Hawkes Bay is a highly modified landscape and has a significantly lower number of wetland areas compared with many regions. Only 3% of Hawkes Bay original wetland area remains. In order to protect what remains and enhance what is possible, the following tools are considered:

- Protection of habitat values through statutory processes
- Creation or enhancement of habitat on private land
- Increasing capacity in the region to respond to requests for assistance in freshwater habitat projects

The Council's main habitat priorities have been for some years and remain:

- Increasing waterfowl numbers through activities that enhance wetland habitats
- Protecting free flowing water resources from inappropriate resource consent proposals
- Encourage enhancement of water quality and reduction in water abstraction

The Hawkes Bay region continues to create enhance and restore habitat. The programme is in conjunction with Game Bird Habitat Trust Board and is to encourage the enhancement of wetlands on private land.

Previous restoration projects carried out on Lake Runanga and Pirimu Lake will require some ongoing maintenance.

#### Resource Management Act

The Resource Management Act was enacted in 1991 to enable the sustainable management of New Zealand's land, air, and water resources. In February 2021, the Government confirmed that the RMA is to be replaced by three separate acts. These will be the Natural and Built Environment Act (NBA), the Strategic Planning Act (SPA), and the Climate Change Adaption Act (CAA).

While Regional and District councils are responsible for these resource management acts, it is important that Fish and Game New Zealand has an input to planning decisions. The success of sports fish and game bird populations is dependent on the quantity and quality of habitat available. One of the functions of Fish and Game Councils is to represent the interests and aspirations of anglers and hunters in the statutory planning process. With ongoing involvement in the Tukituki catchment, Ngaruroro and the Mohaka catchments, significant time will need to be allocated to RMA issues and the consent procedures.

### Sports Fish and Game Bird Habitat Project Clusters

PC1210: Resource Management: To effectively represent Fish & Game interests and the aspirations of anglers and hunters in resource management processes and strategies by advocating for sports fish and game bird habitat values, angling, and hunting values in statutory and non-statutory planning processes.

Project and Objective	Performe	ince measure
1211 RMA Planning  (i) Review plans, strategies and consents and advo	ocate for (i) Revie	w plans and consents and
decisions and conditions that promote sports fis bird interests and the interests of anglers and h	sh and game make su	bmissions as required.
(ii) Contribute to the improvement of water quality Hawkes Bay rivers & lakes via collaborative pr research, and fishery and angler monitoring.	/ in the (ii) Parti	cipate in collaborative es to advocate in the of hunters and anglers as l.
(iii) Minimise effect to fisheries from impacts from activities intending to improve water qual Hawkes Bay region. Work with HBRC to moni of river management techniques on trout fisher	lity in the possible itor the effects works of	k with HBRC when , to minimise effect of river n fisheries.
(iv)Make submissions on regional and district cour documents to promote rules that facilitate game enhancement.	(iv) Use advocate	river fisheries research to e in the interests of anglers nters as necessary.
	· · ·	nit on regional and district required.
	meet wit parties i	elop relationships and th interested and affected including Iwi regularly as required.
		activities to each meeting acil as appropriate.
1212 Consent Applications		
Review and respond to consent applications and advocate for decisions and conditions that provide for sports fish and game bird interests and the interests of anglers and hunters.		activities to each meeting cil as appropriate.
	nternal Costs: \$8624	Total Costs: \$11124

PC1220: Works and Management: Wildlife Management and Other Wetland Reserves					
Project and Objective				nance measure	
1221-23 Reserves Management – Lake Pirimu, Railroad Wetland,			(i)Repo	ort activities to each meeting	
Lake Rununga and HBRC Reserves			of Cou	of Council as appropriate.	
(i) Manage water levels and habitat in wildlife management				** *	
reserves, advocate and maintain optimum conditions for					
waterfowl.					
Direct Costs: \$1300	Hours: 45	Internal Costs: \$	2587	Total Costs: \$3887	

PC1230: Assisted Habita	t: Assist habitat creation ar	d enhancement by	individu	ials and organisations
Project and Objective			Perform	ance measure
(i)Develop positive other parties with management inclused Federated Farmers encourage hunters wetland habitat.  (ii) Make at least thabitat development (iii) Use media (p. 100 positive parties)	chance Game Bird Habitat we working relationships with an interest or involvement in ading local and regional authors, and Dairy NZ. Provide advellandowners to develop quality one external funding applications.  The press releases, articles, and vical comment of wetland and riparial	rural land rities, DOC, ice to enable and ty, productive on for wetland leo) to encourage	request to the d enhance enhance Report meeting (ii) Man externa enhance (iii) Rej	ond to all landowners' s for advice and contribute evelopment and/or ement of habitat that es waterfowl productivity. activities to the following of Council.  The one application for all funding for an ement project.  The ort activities to the me meeting of Council.
1232 Nursery  Continue developing the native plant nursery with a focus on wetland species at the Game Farm and investigate opportunities to work with other interested groups.			rsery operational and ing plants for future habitat s.	
Direct Costs: \$4000	Hours: 180	Internal Costs: \$10	349	Total Costs: \$14349

# ANGLER AND HUNTER PARTICIPATION AND SERVICES

#### Goal

To encourage angler and hunter participation while maintaining the quality of the recreational experience.

#### **Description**

The region has an extensive signage programme, great access to the key fisheries and a comprehensive angler and hunter information package. This programme is successful and is well utilised by clients. The region's updated website and Facebook page are increasingly becoming a key point of contact for anglers and hunters.

Access to public areas within the region is important as most hunting opportunities exist within land that is administered publicly by either regional or district councils or the Department of Conservation.

The Walking Access Commission (WAC) is confronting access issues throughout the country. Hawkes Bay Fish & Game has good relationships with WAC staff and will collaborate with the WAC to resolve access issues within the region as they arise.

"R3" or Recruitment, Retention and Reactivation, is a concept that has been created to help address the issue of declining participation and subsequently declining licence sales worldwide. This concept focuses on identifying new methods of getting potential anglers and hunters (recruit), ensuring that current anglers and hunters continue to fish and hunt each year (retain) and identifying those who haven't hunted or fished for a while and bringing them back into the sport (reactivate).

New participants from various demographics continue to be provided with various learning opportunities to enable them to progress from being an interested observer through to an active participant. There needs to be an array of experiences and contacts made over time so that participants can become mentored into fishing and hunting. Hawkes Bay Fish and Game needs to continue to help build pathways create lifelong participation and help the next generation complete that journey.

Hawkes Bay Fish and Game are working with other stakeholders to offer the participants different levels of engagement along the recruitment pathway. Expertise and resources can be shared with other fishing and hunting clubs and licence agents to help connect potential participants to a variety of opportunities and move them through the necessary stages needed to become lifelong participants. Recruitment and retention are long term processes and although single events or activities don't always lead to recruitment, they can be a spark that ignites a lifelong passion in hunting and or fishing.

Encouraging young and novice anglers and hunters is an area that the Council will continue to focus on. This should also involves educating families where possible, so that they can collectively learn and coach each other while undertaking these activities as a family. Partnering with local anglers to provide courses using the Game Farm facilities continues to be

a good way of providing opportunities for youth/novice anglers and develop a relationship with local clubs.

A relatively low number of females currently fish or hunt. Females are a large and influential market and in today's busy world often influence how family leisure and recreational time is spent. Fishing and hunting activities provide both physical and mental health rewards by being outdoors but also social benefits of being together socially as a family. By continuing to overcome the low participation of women, Fish and Game councils will have access to a far larger target audience.

#### Communication

All whole season licence holders will receive at least two publications during the 2022-23 year. Hawke's Bay Fish and Game will continue to provide regional pages as part of the Fish and Game New Zealand magazine. In addition, communication with clubs and licence holders is facilitated through a six-weekly electronic newsletter Reel Life and/or Both Barrels, attendance at club meetings and the Fish and Game New Zealand website. The region's web pages and the Facebook page have become an important medium for contacting licence holders. They have the advantage of low cost and ease of maintaining up-to-date information and will continue to be expanded to add new content and innovative media for encouraging participation and involvement in the Council's key output areas.

The Game Farm pond allows the Council opportunities to have wider and direct contact with the public through "Take me fishing" days. This option presents an opportunity for the Council to have a greater profile in the Hawkes Bay community and to contact young people and their families and encourage them into fishing, so they can collectively learn and coach each other while undertaking the activity as a family.

A licence holder perception survey for Hawkes Bay anglers and hunters will be conducted to better understand what our licence holders want. Fishing and hunting licence sales are generally declining over time and Fish and Game needs to better understand why they are declining before they can attempt to address the issues. Understanding more what licence holders want could help us improve licence sales, satisfaction and participation in the future.

## **Angler and Hunter Participation Project Clusters**

PC1310: Angler and Hunter Access: To maintain and enhance access to the sports fish and game bird					
resoure	es of the Hawkes Bay Region				
Project	and Objective		Perform	ance measure	
1311	Maintain & Enhance Access Physical and legal access to angling and hunting (i) Investigate new angling and hunting access of the Hawkes Bay region.		signific	ntain access tracks to cant, publicly accessible within the Hawkes Bay	
	(ii) Continue to maintain a good working relatio Walking Access Commission.	•	Ü	estigate any new access unities.	
	(iii) Evaluate the opportunities to improve gener to public hunting areas where access is under the groups outside Fish & Game.			oort activities to the ng meeting of Council.	
	(iv) Develop and maintain physical access to the and lake fisheries. This will involve the develop maintenance of a closer working relationship wi	ment and			
1312	Signage Maintain signs and enhance access through sign and hunting access points. Maintain signage inv		(ii) Rep lingual (iii)Rep	ntain signage database.  place signage with bi- isigns.  port activities to the ing meeting of Council.	
Direct (	Costs: \$2,20 Hours: 90	Internal Costs: \$51	75	Total Costs: \$7375	

Project	and Objective	Performance measure
1321	Satisfaction Survey Create and circulate a satisfaction survey to all licence holders to understand what licence holders want and help increase future licence sales.	Create and circulate survey and collate survey results. Analyse survey results and report to Council.
Direct	Costs: \$500 Hours: 30.00 Internal Costs: \$1725	Total Costs: \$1725

Project	and Objective	Perform	ance measure
1331	Reel Life & Both Barrels  Prepare newsletters – Both Barrels and Reel Life	and 4 h	e and circulate 8 fishing unting electronic
1222		newslet	ters.
1332	Fish and Game Magazine Prepare and mail two issues of Fish and Game New Zealand magazine to 2023-2024 whole season fish licence holders and 2024 whole season game licence holders.		sh issue August 2024, game pril 2024.
1333	Fish & Game Web Site  Maintain and regularly update Fish & Game information on the Hawkes Bay Region website and its Facebook page.	Report of Cour	activities to each meeting ncil.

PC1340: <u>Informational Publications</u> : To assist anglers and hunters to access the hunting and fishing opportunities of the Hawke's Bay Region					
Project	and Objective			Perform	ance measure
<ul> <li>Information Pamphlets         <ul> <li>(i) Continue to improve access information available online.</li> </ul> </li> <li>(ii) Maintain stocks of information pamphlets in licence agents</li> </ul>			inue to improve access ation available on F&G		
and other outlets throughout the region.			ormation pamphlet stocks in agents and i-sites in india.		
Direct (	Costs: \$500	Hours:20	Internal Costs: \$11	150	Total Costs: \$1650

Project	and Objective	Performance measure		
1351	Take Me Fishing Programme (i) Organise and run a Children' encourage young anglers to take	÷ .	(i)Hold at least one "Take me Fishing" day. Report to Council as appropriate. (ii) Promote on Facebook and	
	(ii) Continue to run children's fi fishing clubs.	ishing courses with support from	report to council as appropriate	
1352	Angler/Hunter Training			
		ce, ladies and families fly and spin with anglers' clubs. Provide angler and make available novice	(i)Hold a youth/adult and ladies fly fishing course in conjunction with anglers' clubs.	
	(ii) Investigate alternatives to er hunting/angling and increase op		(ii) Hold a youth/adult game bird course in conjunction with shooting club & Police	
	(ii) Hold a game bird hunter ed a local shooting club & Poli	ucation event in conjunction with ce.	(iii) Report to Council as appropriate	
1353	Angler/Hunter Enquiries		Provide information and respond	
	Respond to enquiries for inform	ation from anglers and hunters.	to enquiries promptly.	
1354	Fishing Competitions Review applications to hold fish permits where appropriate.		Respond to applications within five working days and report on permits granted to each meeting of Council.	
	Costs:\$6,500 Hours: 740	Internal Costs: \$42547	Total Costs: \$49047	

PC1360: Club Relations: To maintain communications with Fish & Game related clubs and associations					
Project and Objective			Perforn	nance measure	
1361 Fish & Game Club communications  Maintain club register and provide news updates to clubs and attend club meetings as appropriate.		each cl	at least one meeting for lub by 31 August 2024. e report to each meeting of il.		
Direct	ct Costs: \$100 Hours: 20 Internal Costs: \$11		150	Total Costs: \$1250	

PC1370: Fish and Game Huts: Manage hut maintenance and coordinate bookings				
Project and Objective Performance measure				
1371 Fish and Ga	me Huts			Report maintenance activities to
Maintain Fisl	n & Game hut	at Glen Falls, Mohaka Riv	er.	Council.
Direct Costs: \$2000	Hours:50	Internal Costs: \$2875	Income: \$15	Total Costs: \$3375

## **PUBLIC INTERFACE**

#### Goal

To maximise public awareness of the values associated with the sports fish and game bird resource, and support for the management role of Fish and Game New Zealand.

#### **Description**

Public awareness is an increasingly significant component of Fish & Game activities. How effectively we work with other agencies and how well we communicate our messages to both our clients and the general public has ramifications for the future viability and acceptance of our sports. In addition, providing Fish & Game focused educational experiences for children is important if the acceptance of sports fishing and game bird hunting is to be maintained and the awareness of environmental issues increased. The Game Farm has significant potential to contribute to Fish & Game related education and awareness programmes.

Hawke's Bay Fish and Game continues to seek better performance from agencies that have key environmental responsibilities such as regional and district councils and the Department of Conservation. This region has now established strong and direct relationships with key agencies that influence areas of significance to sports fish and game bird populations. Staff and Council will continue to develop these relationships.

The area that remains to be strengthened in the region is with Iwi. It is evident that Iwi will have a significant say in the future management of the region's freshwater resources. It is important that this region seeks to engage with Iwi in a more direct manner to gain appreciation of each other's views and values and ensure that we are meeting our Treaty of Waitangi obligations. This will be facilitated through greater direct contact from working alongside each other on specific issues e.g. Tukituki catchment issues and Tūtira habitat improvement and seeking to engage on our regulation setting processes.

The region is developing stronger media relationships within Hawkes Bay. This has shown benefits in improved contact and input to media articles of relevance to Fish & Game. The media programme will be continually developed, and regular material provided to media outlets for publication, both radio and print.

The region's web pages are an important tool for providing public awareness information. This region has been proactive in doing so and will continue to develop the region's pages to enhance this function along with its growing Facebook page.

#### **Public Interface Project Clusters**

PC1410: <u>Liaison:</u> To avoid conflicts and	maintain effective advocacy and l	liaison with statutory resource
management agencies		
Project and Objective	ta (Maraja ang ang ang ang ang ang ang ang ang an	erformance measure

1411 Statutory Liaison and Political awareness  (i) Engage with Regional Councils and the Department of Conservation to seek improved biodiversity and habitat protection by these agencies in the Hawkes Bay region.			onal Manager to nicate with Regional ls and DOC staff on a basis.
<ul><li>(iii) Engage with Iwi and Hapū as required.</li><li>(iv) Ensure political awareness of Fish &amp; Game activities and support for improved habitat performance.</li></ul>			t with representatives as d.  If and Council to meet with IP's and Regional Ilors as required.
Direct Costs: \$0 Hours: 50 Internal Costs: \$2			Total Costs: \$2875

Public Communications  (i) To advocate for the interests of anglers and hunters through maintaining effective communication with non-statutory groups	(i) Contribute to national public
or individuals such as farmers, iwi and the general public via public awareness events.  (ii) Maintain a strong presence in general public media.  (iii) Engage and communicate with rural community and landowners. Develop relationships with groups including Federated Farmers, Fonterra and Dairy NZ.  (iv) Engage with Iwi and initiate formal relationships with key Iwi groups across the region. Participate in Treaty Settlement processes that affect anglers and hunters.	awareness network.  (ii) Review website content and manage to increase effectiveness as a tool for public awareness and communicating with licence holders.  (iii) Extend media programme to include items of general interest.  (iv) Where necessary submit on Treaty Settlements affecting angler/hunter access and develop relationships with key iwi groups.

PC144 media	0: Public Pro	omotions: To actively pror	note the	e work of Fish & G	ame wit	h the wider public and the
Project	and Objective				Perform	ance measure
1441	Public Pros (i) Encourag	notions ge school groups to visit the	Game F	arm site.	visits of	se with local schools, post n Facebook and report to l as appropriate.
Direct	Costs: \$	Hours: 50		Internal Costs: \$28	375	Total Costs: \$2875

	60: <u>Visitors/Education:</u> To educate the wider public on the role of and Objective	Performance measure
1451	Education  (i) To educate people in sports fish and game bird management, conservation, angling and hunting.	(i) Use the site as an educational tool during fish out days and other scheduled events.
	(ii) Maintain grounds and facilities and increase use of the Game Farm and educational wetland facility to promote Fish & Game to schools, and the wider public.	(ii)Report activities to the following meeting of Council.
1452	Game Farm Operations  To maintain and monitor Game Farm water take consents.	Report activities to the following meeting of Council.
1453	Game Farm Maintenance To maintain buildings and make further improvements to grounds.	Ongoing grounds maintenance and improvements. Report to Council as appropriate.

<ul> <li>(i) To continue to develop the Game Farm wetlands as an educational site for landowners and local schools.</li> <li>(ii) Continue to encourage involvement from local schools.</li> <li>Develop a school curriculum for the site based on wetlands, water quality, native wetland species and traditional uses of plants, waterfowl and native/non-native fish species.</li> </ul>	(i)Report activities to the following meeting of Council. (ii) Promote the developed school curriculum schools. (iii) Report activities to Council.
1455 Hatchery Building  Maintain the hatchery building for educational purposes.	Report to Council as appropriate.
Direct Costs: \$21500 Hours:1500 Internal Costs: \$86244	Total Costs: \$107744

### **COMPLIANCE**

#### Goal

To protect the sports fish and game bird resource and its user management through enforcement and education of legislative requirements.

#### **Description**

The maintenance of an effective compliance programme is a vital part of Fish and Game management. Compliance activities have three objectives, they provide satisfaction for licence holders that others utilizing the resources are paying the same as they are, they ensure that regulations intended to protect resource sustainability are complied with, and they also provide a deterrent to protect our income base.

The nationally agreed compliance target level is 95%. In addition, to be effective, Fish & Game New Zealand management activities rely on compliance with fish or game regulations. The Council is intending to continue with strategic and structured approaches to law enforcement work to maximise contacts and the subsequent deterrent effect. This work will also incorporate a component of field education to take advantage of contacts with clients and provide information and advice to improve their hunting or fishing success.

Law enforcement is labour intensive and a significant regional coverage by staff is often not possible. Honorary rangers have the potential to make a substantial contribution to compliance, though consideration will need to be given as to how this will continue to work with regard to health and safety.

Efforts to increase compliance include proactive ranging strategies, including staff and honorary ranger capability enhancement, and co-operation with other agencies.

#### **Compliance Project Clusters**

PC151 activit	***************************************	intain compliance with	h angling	and hunting reg	ulations	through enforcement
Project	and Objective	1			Perforn	nance measure
1511	enforcement and conditions.	igh level of participant of monitor compliance writes throughout the season	vith licensi	ng and season	legal re	r 95% compliance with equirements and season tions from anglers and s contacted.
	remote areas.	e bird hunters throughou			Provide Counce	e report to each meeting of il.
Direct	Costs: \$1500	Hours: 100	I	nternal Costs: \$5°	750	Total Costs: \$7250

<b>!</b>		ning: To ensure effecti	ve ranging across the regio	n wit	th suitably trained and
resour	ced personnel				
Project	and Objective	er koring i na kilong bilanta		Perj	formance measure
1521	Manage the reg	ional Honorary Range tional network of Honor a sufficient level of trai	ary Fish & Game Rangers	exe	nplete one organised training rcise for honorary rangers and ort to Council by 31 August 4.
Direct	Costs: \$1000	Hours: 60.00	Internal Costs: \$3450		Total Costs: \$4450

PC153	0: Compliance/	Prosecutions: To follow a c	onsistent policy drive	n approa	ch to dealing with non-
compli	iance to regulation	ons			
Project	and Objective			Perform	ance measure
1531	Prosecutions				
	Follow Counci	Prosecution and Reparation	Policies to prosecute	Report	details of prosecutions to
	I OHOW COUNCI	a recordancia and recognition			
		nd unlicensed or in non-com			eeting of Council.
	individuals fou				eeting of Council.

## **LICENCING**

#### Goal

To optimise the sale of angling and hunting licences as valued products.

#### **Description**

Fish and game management is funded almost solely by revenue derived from the sale of fishing and hunting licences. The management of licence sales is contracted to an external service provider. Regional requirements are to manage regional licence sales information, coordinate any marketing/sales efforts and provide client service information to licence agents.

The national licence working party is tasked with reviewing licence sales channels and options along with licence categories. This work is a priority area of Council and will be supported where possible through input to the licence working party outcomes.

**Licensing Project Clusters** 

PC161	0: Licensing: Maintain and monitor a readily available and ef	ficient lice	nsing system
Project	and Objective	Perform	nance measure
1611	Licence Production and Distribution  To issue fishing and hunting licences and the appropriate regulations in a timely manner and market new fishing licence categories to existing and potential licence holders.	regulat 2025 se To have and reg	e available fish licences and fion guides for the 2024-eason by 1 September 2024. e available game licences gulation guides for the 2024 by 31 March 2024.
1612	Analysis of Licence Information Evaluate licence sales information during the year and identify targeted marketing opportunities.		e detailed reports of licence erformance to each meeting ncil.
1613	National Licence Management To support the operation of the national licence management provider.	Report	activities to Council where ary
1614	Marketing and Promotions Actively promote Fish and Game licences to the public and contribute to the national sales targets.	1	t activities to the Council necessary
Direct (	Costs: \$5652 Hours:120 Internal Costs: \$	6899	Total Costs: \$12551

Project and Objective				Performance measure		
1621 Agent Meetings and Promotions  Communicate and work with licence agents providing agent training as required.			Complete at least three visits to significant licence resellers by August 2024.			
1622	Agents Inform Provide agent enquiries.	nation s with support on licence	e database and general		activities to the following g of Council.	
Direct	Costs: \$300	Hours: 70	Internal Costs: \$4	1025	Total Costs: \$4325	

## **COUNCILS**

#### Goals

To provide for the democratic governance of the fish and game system by fish and game licence holders.

#### Description

A council elected by licence holders for a three-year term manages the fish and game resource on a regional basis. Fish and Game Councils are required to meet at least six times a year to consider issues affecting sports fish, game birds and approve an Operational Work Plan and budget which establishes staff activities and priorities for the coming year. This output involves the servicing of Council, including preparation of agenda, meeting reports and minutes.

#### **Council Project Clusters**

Project	and Objective	Performance measure
1711	Council Elections Provide regional Support to <i>electionz.com</i> for preparing for the October 2024 election.	Assist external provider (if required) in preparing for election New Council to meet before 21 November 2024.

PC1720: Council Meetings: Effective gover		······································	
Project and Objective		Perform	ance measure
<ul><li>1721-2 Council Meetings</li><li>(i) Provide effective direction and support</li></ul>	port to the management of		at least 6 meetings of the s Say Fish & Game
Council's business.			l prior to 31 August 2024. Jular email updates when
<ul><li>(ii) Keep Council informed of relevant matters.</li></ul>	national and regional		riate stribute agendas 8 working ior and draft minutes as
(iii) Prepare information reports and again any minutes resulting from these n		soon as	practicable after meeting.
Direct Costs: \$2300 Hours: 150	Internal Costs: \$86	524	Total Costs: \$10924

## PLANNING AND REPORTING

#### Goal

To meet Fish & Game's statutory reporting requirements.

#### Description

Fish and Game Councils have certain statutory planning requirements that they must meet. These include:

- The preparation of a Sports Fish and Game Management Plan;
- An Annual Operational Work Programme;
- Statement of Service Performance;
- Annual Performance Report and Statements of Account.

The Sports Fish and Game Management Plan for Hawkes Bay Fish & Game operates under, covers a ten year period and assists in the development of Operational Work Plans. Increasing the effectiveness of inter-regional co-operation has previously been identified as a national priority. The Hawkes Bay Council is committed to improving the efficiency of the organisation.

#### **Planning and Reporting Project Clusters**

Project and Objective				Performance measure Report activities to the following meeting of Council.	
1811 Management Plan Implementation To implement the Hawkes Bay Region Sports Fish & Game					
Direct	Costs: \$	Hours:5.00	Internal Costs: \$28	7	Total Costs: \$287

PC182	20: <u>Annual Pla</u>	nning			
Project	Project and Objective			Performance measure	
1821	OWP Prepare ar	ration n operational work plan for	the 2023-2024 year.	operati	loption of a proposed ional work plan for 2023-y the Council by 31 August
Direct	Costs: \$0	Hours:125	Internal Costs: \$7	7187	Total Costs: \$7187

PC183	PC1830: Reporting and Audit				
Project	and Objective	Performance measure			
1831	Performance Report and Statement of Service Performance To complete the Performance (annual) Report and Statement of Service Performance for the 2022-23 year.	Complete Annual Performance Report for the 2022-23 financial year.			
1832	Audit To have the Performance Report for the 2022-23 year audited in accordance with the Public Audit Act 2001.	The audit of the annual Performance Report for the 2022- 2023 financial year in time for the public annual general meeting.			
1833	Work programme monitoring  Monitor of staff time to projects	Report to council in variance report			

i .	Annual Meeting To conduct a publ December 2023.	ic annual general mo	eeting no later than 31	annual present general Decem	on of the audited 2022-23 report by Council, and tation to a public annual I meeting not later than 31 ber 2023, as well as to the
					er of Conservation.
Direct C	osts: \$8000	Hours:90	Internal Costs: \$51	75	Total Costs: \$13175

Project and Objective			Perform	ance measure	
1841 New Zealand Fish & Game liaison		A	Attend a	ıll meetings of the	
	The maintenar	ice of effective liaison v	vith New Zealand Fish & R	Regiona	ıl Fish & Game Council
	Game to meet all statutory requirements. Contribute to the efficient management of Fish & Game nationally through participation with working parties, networks and national		ts. Contribute to the	managers and participate where required with working parties	
			nationally through		
			works and national e	establisi	hed by the New Zealand
	research and monitoring.			Council	•
Direct	Costs: \$200	Hours:75	Internal Costs: \$4312	2	Total Costs: \$4512

#### **INPUTS**

## **ADMINISTRATION**

#### Goal

To manage the business of the Hawke's Bay Region of Fish and Game New Zealand in an effective and cost-efficient manner.

#### **Description**

Administration is effectively made up of all the non-specific activities that are required for the general function of Hawkes Bay Fish and Game Council. In determining the actual costs of output areas or projects, administration costs are apportioned at an hourly rate so that all input costs are shared between the projects.

**Administration Project Clusters** 

Project and Objective		Performance measure	
1911	Staff Salaries and Payroll Continue to maintain an efficient payroll system, reviewing against budget regularly.	Staff paid per contract and on time.  Provide financial report to each meeting of Council.	

	0: Staff Co-ordination and Training and Objective	Performance measure
1921	Staff meetings Maintain regular staff communications and involvement in overall operations of Fish & Game.	Hold weekly staff meetings. Report to Council as appropriate.
1923	Staff Training Organise specific training opportunities to suit the individual requirements of staff.	Report staff training to each meeting of Council.
1925	Employment Carry out employment procedures as required	Report any activities to Council by 31 August 2024.
1926	Health and Safety (i)Ensure that Fish & Game operations meet the Health and Safety at Work Act 2015.	(i) Continue to keep up to date with policy and document recording
	(ii)Utilise the current H&S plan for the Hawkes Bay Region and make it a practical and living document.  (iii)Ensure staff undertake mandatory "Toolbox" talks while	(ii)Discuss Health and Safety matters at each staff meeting, review Hazards, Controls and procedures at intervals prescribed in Council's Health and Safety
	working with F&G staff, external agencies and groups in the field.	Plan, and implement all other facets of the plan including auditing and reporting
	(iv)Ensure that Fish & Game makes ongoing progress on the development and implementation of a health and safety conscious	requirements.
	culture.	(iii)Complete field intention and tail gates forms were appropriate.
		(iv) Provide report to each meeting of Council and ensure Councillor, are fully informed and meeting

Direct Costs: \$9500

Project	and Objective		Perforn	nance measure
1932	•	enance required on the staff house to meet rds for rental accommodation.	Provid Counc	e report to each meeting of il.
Direct	Costs: \$7700	Income:\$23400		Total Costs: (\$15700)

Project a	nd Objective	Perform	nance measure
1942-6 (i)	Office Premises  Report in finance report expenses relating to rates, maintenance, insurance and power	(i)	Provide report to each meeting of Council.
(ii)	Carry out maintenance and cleaning to ensure that the Fish and Game office premises provide a suitable and safe work environment.	(ii)	Provide report to each meeting of Council.
1947	Meeting Room Ensure Meeting room is maintained at a high standard for those using and renting it.	Provid Counc	e report to each meeting of il.
Direct (	Costs: \$13400	<u> </u>	Income \$2000

Project and Objective	Performance measure
1951-5 Office Equipment  Maintain register of office equipment including asset schedule.  Carry out maintenance or replacement schedule as required and pay photocopying lease.	Provide report to each meeting of Council.
Direct Costs: \$2,900	Total Costs: \$2900

PC1960: Communications and Consumables				
Project (	and Objective	Performance measure		
1961	Communications			
	Maintain effective office and field communications.	Provide report to each meeting of		
	Review communications requirements.	Council.		
1962-6	Consumables			
	Ensure adequate supply of office materials available for staff			
	operations.			
Direct (	Costs:\$11700	Total Costs: \$11700		

PC1970: General				
Project and Objective Performance measure				
1971-8 Administration	Provide report to each meeting of			
Continue to carry out the wide range of general office	Council.			
administration and management tasks in an efficient manner.				
Direct Costs: \$1800	Total Costs: \$1800			

PC1980: Equipment				
Project	and Objective	Performance measure		
1981	Equipment maintenance			
	Maintain register of Hawkes Bay Fish & Game equipment,	Report activities to each meeting		
	purchase new equipment as required.	of Council.		
1983	Carry out a maintenance to ensure that equipment is maintained			
	in an effective condition.			
Direct	Costs: \$2800	Total Costs: \$2800		

Project and Objective		Performance measure Complete Feb and August vehicle checklist Provide report to each meeting of Council.
1991-6 Vehicle maintenance Ensure that vehicles are maintained in an effective condition and adequate provision is made for their replacement.		
Direct Costs: \$13400		Total Costs: \$13400

Appendix 2



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#### TAX INVOICE GST No. 078-777-974

Hawke's Bay Fish and Game Council PO Box 7345 Taradale Napier 4141

> Invoice Date 14 February 2024

> > Invoice No. 20515

To our Professional Fees and Charges in attending to the following:-

Audit of financial statements and service performance for the year ended 31 August 2023.

8,968.86

OAG Audit Standards and Quality Support charge as per audit proposal

544.00

Our Fee Total Plus: GST

9,512.86 1,426.93

TOTAL FEE

\$10,939.79

Remittance Advice - Please return with your payment
Payment required by 20th of next month
Invoice Due - 20 March 2024

Please forward cheques to: Owen McLeod & Co Ltd PO Box 389, WMC, HAMILTON

For Direct Deposit: ANZ Bank A/c No: 060589-0081949-00

PLEASE USE INVOICE NUMBER AS REFERENCE

Invoice No: 20515

Amount Due: \$10,939.79 Amount Paid: \$\_

Liability limited by a scheme approved under Professional Standards Legislation

#### Appendix 3

#### Cultural Harvest of Swan Eggs at Lake Poukawa

#### Purpose

For Council to discuss the proposed swan egg harvest at Lake Poukawa and the attached report on harvest methods and effects on cygnet numbers.

#### Background

Staff believe that proactively exploring options regarding co-management of gamebird species and supporting reinstatement of cultural practices including the gathering of swan eggs and harvesting of native gamebirds, could lead to win-win outcomes if managed correctly.

The Fish and Game review set out recommendations on how Fish and Game Councils could meet their obligations under Section 4 of the Conservation Act 1987 (giving effect to the Treaty of Waitangi). The Hawke's Bay Fish and Game Council has an opportunity to front-foot some of these issues by proactively engaging with iwi and hapū and seeking to work together collaboratively, balancing the interests of iwi, sport hunters and landowners.

Currently, Hawke's Bay Fish and Game issues limited permits to Brownrigg Agriculture to cull or disturb swans in order to minimise the damage to crops. Mana whenua have expressed interest in harvesting swan eggs from the lake and surrounding wetlands. This would potentially go some way towards reducing the damage to crops as well as providing opportunity for local hapū to reconnect with this cultural practice.

Staff recommend that the harvest of swan eggs at Poukawa be used as a pilot study in order to gain information on the effects of cultural harvest methods on the swan population in Hawke's Bay and begin a process of collaboration with iwi/hapū.

In the first instance this would necessitate Hawke's Bay Fish and Game issuing a permit for the harvest of a limited number of swan eggs from Lake Poukawa during the Spring nesting season. While this area is included in our swan/paradise duck trend count flights, additional monitoring would be required to monitor the effects of the additional harvest. A condition of the permit would be gathering of data on clutch size, numbers encountered, and number of eggs harvested. In this way, we would begin collaboratively monitoring the population. In addition, staff would carry out brood counts and gather baseline data in order to monitor effects in future seasons.

As harvest of swan eggs would occur in late winter/Spring, staff request Council approval to continue discussions with mana whenua around the practicalities of harvesting swan eggs at this site and issue a limited permit for the 2024 spring season based on initial monitoring of adult swan numbers. A report on all activities and monitoring results would be presented to Council at its December 2024 meeting.

A permit issued by North Canterbury F&GC has been included in the papers as an example, along with a paper on the effects of customary egg harvest on hatching success of swan at Te Waihora/Lake Ellesmere.



31 August 2021

CHP 31082021

#### TO WHOM IT MAY CONCERN

#### Cultural harvest of Black Swan / Kaki anau eggs in North Canterbury

Te Runanga O Ngai Tahu (contact Nigel Scott) are hereby authorised to collect and carry out cultural harvest Black Swans / Kaki anau (Cygnus atratus) eggs at Te Waihora (Lake Ellesmere).

This authority is issued pursuant to Sections 53 and 54 of the Wildlife Act 1953, and to the authorities issued to the Chief Executive of the North Canterbury Fish and Game Council by the Department of Conservation Permit No. CA-29108-FAU, and is valid for the period 01/08/2021 to 01/05/2022.

For the purposes of this authority up to 400 Black Swan / Kaki anau eggs may be collected from nesting sites associated with Te Waihora (Lake Ellesmere) during the permit period.

North Canterbury Fish and Game Council acknowledges the importance of cultural harvest activities and place-based management. This permit signifies a transitional authority while North Canterbury Fish & Game Council engage with Te Runanga O Ngai Tahu and their tangata tiaki (Ngāi Tahu environmental guardians) to develop a more permanent cultural harvest management framework.

Te Runanga O Ngai Tahu shall name and record the names of all approved iwi members / persons delegated to harvest the eggs and allocate the numbers of eggs to be gathered by multiple teams harvesting eggs from multiple locations.

Whilst harvesting Black Swan / Kaki anau eggs, Te Runanga O Ngai Tahu approved egg harvesters shall record the location and date (or dates) the eggs were harvested Te Runanga O Ngai Tahu, or their appointed tangata tiaki, will provide copies of harvest activities to North Canterbury Fish and Game at the end of the permit period to be incorporated in the annual game bird harvest report.

A copy of this permit, any superseding Customary Cultural Harvest Notice or similar documentation from Ngai Tahu must be carried by the harvester while undertaking egg collection.

Regards | Ngã mihi Rasmus Gabrielsson

Chief Executive North Canterbury Fish & Game

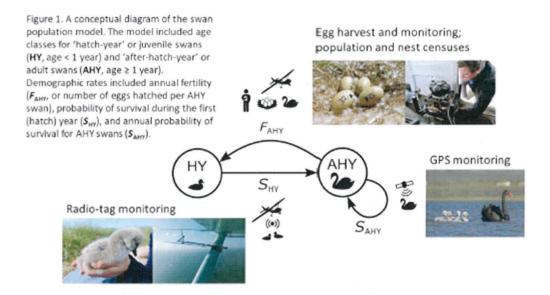
Office phone: +64 3 366 9191 Mobil phone: +64 21 659 707

## Summary report on black swan population dynamics and responses to customary egg harvest at Te Waihora/Lake Ellesmere, 2017-2019

Prepared by the Ngãi Tahu Waterfowl Advisory Committee, Mark Herse, PhD Candidate, University of Canterbury, Professor Jason Tylianakis, University of Canterbury and Phil Lyver, Kairangahau Mãori, Manaaki Whenua.

To inform Tangata Tiaki (Ngãi Tahu customary resource managers) of black swans, we used recent data on population size, nesting effort, hatching success (within both harvested and unharvested nests), and juvenile and adult mortality rates, to develop a model of population dynamics at Te Waihora (Fig. 1). We used the model to answer the following questions:

- What is the annual population growth rate at Te Waihora?
- 2. How do annual swan fertility (number of eggs hatched per adult swan) and juvenile and adult swan mortality rates differentially affect population growth?
- 3. How do current levels of uncertainty in estimates of demographic rates differentially contribute to uncertainty in estimated population growth?
- 4. What is the egg-harvest equivalence of shooting 1 adult swan?
- 5. How does gamebird shooting affect the sustainability of customary egg harvest?



#### Model outcomes:

During 2017-2019, the estimated annual population growth rate was 1.019 (1.9% annual growth). This estimate had a large 95% confidence range (-19.6% to 23.8%)

- overlapping 0% annual growth and was therefore not significantly different from that of a declining population.
- Population growth was most sensitive to changes in adult mortality, followed by juvenile mortality and fertility. Population growth was at least three times more sensitive to adult mortality than to changes in fertility.
- 3. Uncertainty in estimates of population growth and the effects of gamebird shooting and customary egg harvest was almost entirely due to uncertainty in swan mortality rates (60% of the total uncertainty was due to uncertainty in juvenile mortality, 35% was due to uncertainty in adult mortality, and 5% was due to uncertainty in fertility).
- Accounting for estimated swan life expectancy and annual probability of attempting to breed, shooting 1 adult swan was equivalent to harvesting 6 fresh eggs, on average.
- During 2017-2019, the estimated proportion of all nests at Te Waihora that could have all eggs from first clutches harvested sustainably was ~0.3 (Fig. 2). The sustainable population-level rate of egg harvest varied from none to more than half of all eggs, depending on small changes in annual adult survival probability (Fig. 2).

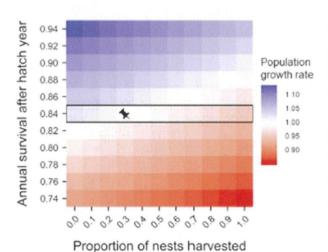


Figure 2. Heatmap showing how changes in annual adult survival probability (vertical axis) and nest harvest pressure (horizontal axis) influence annual population growth rate. Warm colors indicate a declining population (e.g., 0.95 = -0.05 or -5% growth), cool colors indicate a growing population (e.g., 1.05 = 0.05 or 5% growth), and neutral white indicates a stable population (1.0 = 0% growth). The row outlines in black indicates the estimated mean annual adult survival in 2019. The tack symbol indicates the model estimate for the maximum egg harvest pressure the population could have sustained during 2019, assuming the mean estimate of adult survival.

#### Management recommendations:

- Improve monitoring of baseline swan mortality rates and offtake by landowners
  and gamebird license holders. Most of the uncertainty in estimates of population
  growth and effects of gamebird shooting and egg harvest were due to uncertainty in
  swan mortality rates. More robust data on baseline mortality rates and offtake permitted
  within gamebird regulations could improve model estimates, and Tangata Tiaki abilities
  to assess sustainable levels of egg harvest. This could be achieved through the
  development of a long-term neckband-recovery program.
- Reduce the shooting of swans during the duck shooting season and prohibit shooting outside of that season until data are available to ensure that offtake permitted within gamebird regulations is sustainable. Population sensitivity to adult mortality indicates that limiting (and monitoring) offtake of adults is crucial to

maintaining a viable population. Even a slight over-estimation of the population's capacity to sustain offtake of adults could lead to population declines and preclude sustainable customary egg harvest (Fig. 2). The risk of such an over-estimation is elevated because the swan shooting season at Te Waihora (May-September) currently overlaps with the breeding season (peak nesting in August-September), and groups of hunters on farms surrounding the lake sometimes shoot large numbers of swans (> 100) as they stage for nesting (Donald Brown, Ngãi Tahu, 9 February and 22 June 2021, personal communication) in addition to swan drives. This activity could disproportionately impact the population, and potentially go undetected due to limited monitoring within current gamebird management<sup>1</sup>. Considering these issues, and the fact that swan breeding was almost entirely absent at Te Waihora in 2020 (Fig. 3), we recommend reducing the shooting of swans until data on baseline mortality and offtake become available. As a minimum step, we recommend prohibiting all shooting of black swans after July (before nesting begins at Te Waihora) and reducing the bag limit during May-June (currently 5 swans per day), to prevent large numbers of swans from being shot as they stage for nesting.

- Re-institute customary egg harvest as a component of local species management. Balancing the interests of sport hunters (and farmers) with those of local Ngãi Tahu, and re-instituting sustainable customary egg harvests, could lead to win-win outcomes. Local Ngãi Tahu who engage in customary egg harvest could continuously generate information on breeding (e.g., locations and sizes of nesting colonies, hatching success) and environmental pressures (e.g., water pollution, flooding and erosion of nesting habitat, nest depredation), which is currently lacking in local species management<sup>1,2</sup>. In addition, if an equitable decision was made to control swan numbers (to limit grazing impacts for farmers), customary egg harvest could provide a fine-tune dial for managing swan numbers, without wasting resources. Our model could aid in communication and decision-making between Tangata Tiaki and gamebird managers within a potential future co-management arrangement.
- Restore black swans' macrophyte food supply. Black swan numbers at Te Waihora have declined ten-fold over the past half-century<sup>1,3,4</sup>. These declines are undoubtedly linked to the high levels of pollution from agricultural runoff in the Selwyn-Waihora catchment<sup>3</sup>, which have prevented macrophyte growth. Curbing pollution and reestablishing macrophyte beds is key to the health of the black swan population and could alleviate grazing impacts for farmers. Although most landowners around Te Waihora value wetland health, some prioritize economic gains and shoot swans to limit grazing on pasture<sup>5</sup>. We recommend curbing pollution that degrades Te Waihora and leads swans to feed on pasture, before resorting to local population control.

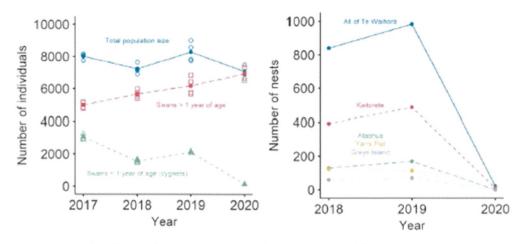


Figure 3. Plots showing changes in the number of individual swans (left) and nests (right) at Te Waihora over time during 2017–2020, as determined by aerial censuses (note: nest censuses began in 2018). The names in the right plot correspond with individual nesting colonies at Te Waihora.

#### References:

- Herse MR, Lyver PO'B, Scott NJ, McIntosh AR, Coats SC, Gormley AM, Tylianakis JM. 2020. Engaging indigenous peoples and local communities in environmental management could alleviate scale mismatches in social-ecological systems. *BioScience* 70, 699-707.
- (2) Herse MR, Tylianakis JM, Scott NJ, Brown D, Cranwell I, Henry J, Pauling C, McIntosh AR, Gormley AM, Lyver PO'B. 2021. Effects of customary egg harvest regimes on hatching success of a culturally important waterfowl species. *People and Nature* 3, 499-512.
- (3) Ford DE, Hughey KFD, Taylor KJW (eds). 2017. Te Waihora/Lake Ellesmere: State of the Lake 2017. Waihora Ellesmere Trust Technical Report No. 3.
- (4) Williams M. 1979. Status and management of black swans Cygnus atratus, Lathum at Lake Ellesmere since the 'Wahine' storm. New Zealand Journal of Ecology 2, 34-41.
- (5) Bataille CY. 2021. Cross-cultural interest groups' values and desired states inform biocultural management of wetlands in Aotearoa New Zealand. PhD thesis, University of Canterbury.

