



**EASTERN  
FISH AND GAME COUNCIL**

***MEETING  
AGENDA***

**16 February 2017**

# AGENDA

## The 162nd Meeting of the Eastern Fish and Game Council

**Venue:** Eastern Fish & Game Region Offices  
Paradise Valley Road  
**ROTORUA**

**Date:** Thursday, 16 February 2016

**Commences:** 12.00 PM

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1	Welcome (12.00 PM)		
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5	Matters Arising		
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8	Election of Officers (12.15 PM, 5 min)	<b>(R)</b>	16
9	Development of the 2017-18 Operational Work Plan (12.20 PM, 40 min)	<b>(D)</b>	18
10	Engaging with Licence Holders and the Public (1.00 PM, 30 min)	<b>(D)</b>	27
11	Council Evaluation (1.30 PM, 15 min)	<b>(D)</b>	28
12	Venue for August and October Meetings (1.45 PM, 10 min)	<b>(R)</b>	29
13	Species Monitoring Report (1.55 PM, 5 min)	<b>(I)</b>	31
14	Liaison Officers Reports (2.00 PM, 10 min)		33
15	Operational Reports (2.10 PM, 20 min)		
	15.1 Management Report		34
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16	General Business (2.30 PM, 15 min)		
17	Presentation to New Zealand Council Chairs (2.45 PM, 15 min)		
18	Meeting Closes (3.00 PM)		

**R** = resolution required, **D** = for discussion/advice, **I** = for information only

**UNCONFIRMED MINUTES OF THE 161<sup>st</sup> MEETING OF THE EASTERN FISH AND GAME COUNCIL, HELD AT THE ROTORUA OFFICES OF FISH & GAME NEW ZEALAND ON THURSDAY 1<sup>st</sup> DECEMBER 2016 AT 12.00PM**

**Present**

Lindsay Lyons, Barry Roderick, Neal Hawes, Laurance Tamati, Annaka Davis, Sandy Bull, Steve Scragg, Ken Coombes, Peter Storey and Alan Baird.

**IN ATTENDANCE**

Andy Garrick, Kate Thompson, John Meikle, Lloyd Gledhill, Anthony van Dorp, Matt Osborne, Nigel Simpson, Lynne Sands, Matt McDougall (Eastern Fish & Game); Brian Samson and Trevor Richardson (Western Bay of Plenty Fish & Game Club); and Ray Bushell. Helen Neale (Department of Conservation) arrived 1.48pm.

**1.0 WELCOME**

Cr Lindsay Lyons opened the meeting at 12.05pm and welcomed Councillors, staff, Brian Samson and Trevor Richardson (Western BOP Fish & Game Club), and Ray Bushell.

**2.0 APOLOGIES**

2.1 Apologies were received from Crs. Murray Ferris and David Woolner; Mark Sherburn, Eben Herbert, Anthony van Dorp, Colin Paton, Ian Pirani, and Ken Raureti.

2.2 *Agreed (Neal Hawes/Ken Coombes) that the apologies for the 161st meeting of the Eastern Region Fish and Game Council be sustained. [16/12/2.2]*

**3.0 MINUTES OF THE PREVIOUS MEETING (20 OCTOBER 2016)**

3.1 *Agreed (Sandy Bull/Alan Baird) that the minutes of the meeting held on 20 October 2016 be confirmed as a true and correct record. [16/12/3.1]*

**4.0 IDENTIFICATION OF RESOLUTIONS FOR INCLUSION IN COUNCIL POLICY.**

4.1 Item 8.2 relating to the adoption of Conflict of Interest rules to be included in Council Policy.

**5.0 MATTERS ARISING**

5.1 There were no matters arising from the minutes of the previous meeting on 20 October 2016.

**6.0 NOTIFICATION OF ITEMS FOR GENERAL BUSINESS**

- Alan Baird - Mighty River Power and Waikato River levels
- Barry Roderick - gifting of Kaituna WMR to Tapuika

**7.0 CONFLICT OF INTEREST REGISTER**

7.1 No conflict of interest items were identified.

**8.0 2015-2016 PERFORMANCE REPORT**

8.1 Kate Thompson provided a brief summary of the final financial results for the year. She advised that the net profit of \$184,827 against a forecast deficit of \$26,514 was primarily a result of the region's contribution of staff time to the Hawke's Bay Fish and

Council, the revaluation of forestry on the property, and a small increase in licence revenue over that budgeted. Falling revenue targets resulting from a gradual decline in the region's licence sales over a number of seasons, and a \$65,000 boost to reserves from a successful contestable fund bid last year had also contributed to this outcome. Kate noted that this was the second year the region had recorded a profit. Cr Barry Roderick asked for Carmel Veitch's view on what she considered to be Council's greatest financial risk. Carmel advised that we have good control over all aspects of the Council's financial position but considered licence revenue to be the Council's greatest risk. She said that our licence sales were something that we had little control over and felt that marketing of licence products nationally is something that should be given more consideration.

**8.2** *Agreed (Peter Storey/Neal Hawes) that Council adopts the Performance Report for the 2015-2016 year. [16/12/8.2]*

**9.0 2016 UPLAND GAME PROPERTIES REPORT**

**9.1** Cr Barry Roderick queried whether Council should formally review Upland Game Properties each year and put it to the vote as to whether or not each property should retain its Upland Game status? Andy Garrick noted that Hawke's Bay Fish & Game requires Upland Game operators to apply for reconfirmation of their status annually and that could be replicated here. Nigel Simpson, who undertakes inspections of Eastern Upland Game Properties for compliance with conditions advised that each year all operators are supplied with a copy of the criteria and code of practice.

**9.2** *Agreed (Ken Coombes/Alan Baird) that Council receives the summary of hunter effort and harvest on Upland Game Properties in 2016. [16/12/9.2]*

**10.0 2017 GAME SEASON CONDITIONS**

**10.1** Cr Lindsay Lyons thanked Matt McDougall for his comprehensive report. Cr Steve Scragg suggested that Council confirms items 4.1, 4.2, 4.3, 4.5, 4.6, 4.7 and 4.8 as recommended before further discussion on Item 4.4 relating to the Reporoa/Broadlands/upper Waikato River season conditions.

**10.2** *Agreed (Steve Scragg/Alan Baird) that Council re-affirms the threshold approach to setting mallard and grey duck harvest regulations (where grey duck are treated as mallards due to the difficulty in distinguishing between the species). [16/12/10.2]*

**10.3** *Agreed (Steve Scragg/Alan Baird) that the threshold levels are set at 350,000 and 450,000 such that at or below 350,000 a set of restricted conditions apply; above 350,000 and, at or below 450,000 a set of intermediate harvest regulations apply; and above 450,000 a relaxed set of conditions apply. [16/12/10.3]*

**10.4** *Agreed (Steve Scragg/Alan Baird) that restricted conditions shall comprise a 4-week season (including Queens Birthday when appropriate) with a bag limit of 6 mallard and grey duck; intermediate conditions shall comprise a 6-week season with a bag limit of 8 mallard and grey duck; and relaxed conditions shall comprise an 8-week season with a bag limit of 10 mallard and grey duck. [16/12/10.4]*

**10.5** *Agreed (Steve Scragg/Alan Baird) that paradise shelduck and black swan thresholds and regulations remain the status quo and are subject to January monitoring results. [16/12/10.5]*

**10.6** *Agreed (Steve Scragg/Alan Baird) that the 2017 season conditions for shoveler duck be a two bird bag limit for four weeks. [16/12/10.6]*

**10.7** *Agreed (Steve Scragg/Alan Baird) that the remaining conditions for 2017 are as per Appendix 1. [16/12/10.7]*

- 10.8** *Agreed (Steve Scragg/Alan Baird) that the Waewaetutuki Wetland be closed to the general ballot and walk in permit system for the 2017 game bird hunting season, and a novice hunt programme comparable to that instigated in 2015 be repeated. [16/12/10.8]*
- 10.9 Matt McDougall reminded Council of the reasons behind the review of season conditions for mallard and greylard ducks in the Reporoa/Broadlands/upper Waikato River areas and commented on results of the aerial review of habitat recently undertaken by staff. Council asked how many hunters might be affected and whether we knew what their views were? Matt suggested the number of hunters would probably be in the range of 100-150. Alan Baird advised that he had been at a recent meeting of the Wildfowlers and confirmed that they were keen to see a restricted season but would like to see bag limits reduced rather than season length. Brian Samson advised members of his club would also prefer to see a reduction in bag limit rather than a shortened season. Cr Steve Scragg reminded Council of previous work that had identified that reduced bag limits had little effect on improving duck numbers unless the limit was reduced to an extremely low level.
- 10.10 Crs Ken Coombes and Alan Baird felt it appropriate to register that they had conflicts of interest in relation to this discussion as they hunt in the area concerned. Council considered this and advised it was keen to hear their views nevertheless.
- 10.11 Council further discussed the difficulties in managing populations through regulations, voluntary targeting of 'greenheads', leaving pairing birds, and compliance issues arising from a change in the standard regulations for a specific area.
- 10.12 Cr Barry Roderick acknowledged the stake holders concerns and their wish to improve the duck population in the area. Council were inclined to agree that in terms of a regulatory approach the most effective would be a restricted season on both bag limit and season length within the area concerned. Council noted that there were other species available to be hunted within this area that would not need to be constrained.
- 10.13** *Agreed (Steve Scragg/Barry Roderick) that a restricted season, of 4 weeks/5 weekends with a 4 bird daily bag limit for greylards be applied to the area bounded by Waikite Valley Road, State Highway 5, State Highway 1 and State Highway 30, and voluntary methods such as targeting greenheads and avoiding the taking of paired birds be promoted. [16/12/10.13]*

## **11.0 HUNTING STAND CLAIM**

- 11.1 Council discussed the New Zealand Council's memo regarding the Hunting Stand Claim Tag and acknowledged the various methods currently being used to lay claim to multiple hunting spots. Such methods included use of child/junior licences, duplication of tags, and the ability for hunters in one party to tag multiple locations and subsequently use only one. Council's responses to the questionnaire were as follows:
- a. YES, hunters aged 16+ years are legally entitled to hunt alone, however it was noted that the Auckland Waikato requirement for 18+ brings inconsistency to regulations.
  - b. YES
  - c,d,e NO, a digital printout was considered too easy to duplicate.
  - f. YES.

Additional comment was made regarding why not opt in for the plastic tag/licence if it is required rather than opt-out.

## **12.0 WAIKAREMOANA SPORTS FISH HABITAT ENHANCEMENT FUND**

- 12.1 Council considered the proposal to draw down an additional \$6,000 from the Waikaremoana Sports Fish Habitat Enhancement Fund for salvage of the monitoring buoy sensors. Cr Barry Roderick asked for reassurance that the buoy would not be reinstalled at the same location to prevent future issues with snagging. Andy Garrick said that clearly it would need to be located where it would not get snagged and advised that the retrieval would be undertaken using a ROV (remotely operated vehicle) and that this would provide a better picture of the environment in the area.
- 12.2 On another note Cr Barry Roderick queried whether funds could be allocated from the Back Country Fisheries reserve for drift diving of the Ruakituri? Andy thought that this might be possible and noted that a programme needs to be developed for utilising funds from the Back Country Fisheries reserve.
- 12.3 *Agreed (Steve Scragg/Ken Coombes) that Council approves the application for an additional \$6,000 to be drawn from the Waikaremoana Sports Fish Habitat Enhancement Fund for the recovery of the Waikaremoana monitoring buoy. [16/12/12.3]*

## **13.0 DATES FOR COUNCIL MEETINGS IN 2017**

- 13.1 Council considered the proposed 2017 meeting dates and times. After some discussion the consensus was to continue with the 12pm start times but provide catering prior to the meeting for those travelling. Alternate venues for the August or October meeting would be considered at February's meeting.
- 13.2 *Agreed (Ken Coombes/Steve Scragg) that meeting dates for 2017 will be as set out below:*

	<b>Date</b>	<b>Venue</b>	<b>Key Issues</b>
<b>1</b>	<i>16 February 2017</i>	Rotorua	<ul style="list-style-type: none"><li>• Council Priorities</li></ul>
<b>2</b>	<i>6 April, 2017</i>	Rotorua	<ul style="list-style-type: none"><li>• OWP – initial draft</li><li>• Anglers Notice – initial consideration</li></ul>
<b>3</b>	<i>15 June 2017</i>	Rotorua	<ul style="list-style-type: none"><li>• Licence Fee</li><li>• OWP – 2<sup>nd</sup> draft</li><li>• Anglers Notice – finalise recommendations</li></ul>
<b>4</b>	<i>10 August 2017</i>	Alternate venue?	<ul style="list-style-type: none"><li>• Finalise OWP</li></ul>
<b>5</b>	<i>19 October 2017</i>	Alternate venue?	<ul style="list-style-type: none"><li>• Game Conditions – initial consideration</li><li>• Annual Performance Report - draft</li></ul>
<b>6</b>	<i>30 November 2017</i>	Rotorua	<ul style="list-style-type: none"><li>• Game Conditions – finalise recommendations</li></ul>
<b>APM</b>	<i>30 November 2017</i>	Rotorua	<ul style="list-style-type: none"><li>• Present Annual Performance Report</li></ul>

*[16/12/13.2]*

## **14.0 LIAISON OFFICERS REPORTS**

### **14.1 Tongariro-Taupo Conservation Board**

Annaka Davis advised that she had shared Jenn Sheppard and Fish & Game's research findings in relation to predators and duck nesting with the Board and this was received this with interest. It was suggested that operational staff of DOC and Fish & Game

could discuss the findings further and how they could work together to address predator control. Annaka also informed Council of - issues with hunters creating huts in areas not permitted i.e. Tongariro Forest Park, a recent wetland restoration hui held at Kaitieke Primary School, and the appointment of a new assistant educator with the Fisheries Team. She said that Taupo fishery conditions were reported as being good with the team currently focussed on access tracks and roads.

**14.2 Report from the New Zealand Council**

Lindsay Lyons advised that the recent New Zealand Council meeting was held in Whangarei and spoke of the biggest issue presently facing Northland Fish & Game which was the proposal to cease trout liberations to the Kai Iwi lakes. Lindsay advised that the NZ Council's annual report was completed but was awaiting final sign off of the audit report. He also informed Council of the recent acquisition by Fish & Game NZ of the "Fish & Game" magazine. He said that the opportunity came about as a result of Fairfax dropping a number of its smaller subscribed magazines and this had presented a great opportunity for Fish & Game to secure its brand and would continue to be utilised to engage with licence holders. Lindsay briefed the Council on the work of the Financial Review Committee, the extension of the Licensing Agreement with Eyede Ltd, and the website refresh including the establishment of a pollution hotline. There was also to be consideration of a photo pollution hotline i.e. posting photos of pollution of our waterways. Some Councillors felt that this type of exposure can force action while others considered it could be unfair and counterproductive if the situation had not first been investigated and the circumstances established. Lindsay advised that the NZ Council would need to look at the legalities of doing so also. The next NZC meeting was to be held in the Central South Island Region.

**14.3 Bay of Plenty Conservation Board**

Helen Neale spoke on behalf of the Bay of Plenty Conservation Board advising that the issue of Canada geese had been raised again and that they may approach Fish & Game for assistance in dealing with the issue collaboratively. Matt McDougall commented that the issues currently being faced were inevitable with the removal of Canada geese from the Game Bird Schedule and that this had been advised at the time it occurred. Helen advised that regional nominations for the Conservation Board were now open and that the Game Animal Council was calling for submissions on a proposed game trophy export levy.

**15.0 MANAGEMENT REPORT**

**15.1** Cr Barry Roderick commented on Tapuika's efforts to contest various consent renewals around the Kaituna River and advised that they were asking for support with their submissions from Fish & Game. Andy Garrick acknowledged Tapuika's request and noted that we were happy to, and would provide support where we could, but commented that we could only engage in processes in which there were Fish & Game related issues at stake and we were in a position to substantiate those issues. Barry felt that Council should show as much support as it could to Tapuika as they were keen to establish wetlands and shared interests in common.

**15.2** Cr Barry Roderick informed Council that the proposed gifting of the Kaituna wetland to Tapuika scheduled for 16 of December had been delayed.

**15.3** Following recent earth quakes experienced in Wellington and the South Island Cr Lindsay Lyons commented on the need to develop a policy on what to do following such an event e.g. re-entry of a building after an earthquake. Andy Garrick agreed and

advised that he would discuss this with our Health & Safety co-ordinator (Carmel Veitch).

- 15.4 Cr Sandy Bull informed Council that the Gisborne Freshwater Advisory Committee appeared to be ready to deal with the next two rivers on its list, these being the Motu and Waiapu. He said that the Motu was in serious trouble and queried whether this will be dived this coming summer. Matt Osborne confirmed that the dive would take place 13-17 February with back up dates of 20-24 February and that three sites would be looked at. Sandy also advised of the replacement of the Motu River bridge and the impact that siltation may have on the native forest downstream. John Meikle noted that Fish & Game had been fully consulted in relation to the project, and had commented on the resource consent application from NZ Transport, but added that potential impacts to the native forest were beyond Fish & Game's mandate.
- 15.5 Cr Lindsay Lyons thanked Kate Thompson for her recent efforts in providing the New Zealand Council with detailed licence sales information.
- 15.6 *Agreed (Barry Roderick/Steve Scragg) that the payments for September and October 2016 totalling \$271,405.25 be approved. [16/12/15.6]*
- 15.7 *Agreed (Barry Roderick/Steve Scragg) that Council approves the proposed budget figures for the Statement of Financial Position and Statement of Financial Performance & Cash flow for the 2016-2017 financial year. [16/12/15.7]*

#### 16.0 GENERAL BUSINESS

- 16.1 Cr Alan Baird queried Mighty River Power's management of Waikato River levels as he was aware of concerns that they might be keeping the levels too high? Matt McDougall commented that he understands they are not breaching their conditions and would be very surprised if they were as he believed that they were very particular in regard to these. Andy Garrick advised staff would look into this. Matt McDougall informed Council that the Hamilton City Council was looking to dewater below the Karapiro dam next year in order to test emergency water supplies.
- 16.2 Cr Sandy Bull queried Genesis Energy's approach to the farming community about fencing of parts of the Waikaretaheke River. Matt Osborne advised that fencing is being proposed as Genesis Energy is wanting to reduce river flows during the night and run a higher base flow during the day. Reduced flows could enable stock to cross the river in places and the consent condition relating to minimum flows was based only on ensuring that flows/levels are sufficient to prevent stock movement. The reason for reducing night flows and increasing daytime flows is largely about cost saving and more efficient use of the generation equipment which is designed to utilise higher base flows than is currently the case. Matt noted that farmers were concerned that the areas needing to be fenced were too steep and it was unlikely that any fencing would last. Matt advised that he had liaised with the environmental officers for Genesis Energy about Fish & Game's concerns over minimum flow including effects on food supply and displacement of fish. He said that Genesis was looking to undertake more monitoring to ensure that there are no ecological impacts on the system.

#### 17.0 CONSIDERATION OF STAFF RELATED MATTERS

- 17.1 *Agreed (Steve Scragg/Barry Roderick) that pursuant to Section 48 (1) of the Local Government Official Information and Meetings Act 1987, the public be excluded at 2.23pm from the following parts of the proceedings of this meeting, namely a discussion on the Manager's annual performance review. [16/12/17.1]*



The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter and the specific grounds under Section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

<b>GENERAL SUBJECT OF EACH MATTER TO BE CONSIDERED</b>	<b>REASON FOR PASSING THIS RESOLUTION IN RELATION TO EACH MATTER</b>	<b>GROUND(S) UNDER SECTION 48(1) FOR THE PASSING OF THIS RESOLUTION</b>
Discussion on the Regional Manager's performance review	Good reason to withhold exists under section 7 of the Official Information Act 1982	Section 48(1)(a)(ii)

This resolution is made in reliance on Section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 9 of the Official Information Act 1982 which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public are as follows:

<b>ITEM</b>	<b>REASON UNDER THE OFFICIAL INFORMATION ACT 1982</b>	<b>SECTION</b>	<b>PLAIN ENGLISH REASON</b>
16 3.1	Protect the privacy of natural persons	Sec. 7(2)(a)	Discussion between the Regional Manager and the Council on the Manager's performance review and any negotiations on employment conditions should occur in private between these parties.

**17.2** *Agreed (Peter Storey/Steve Scragg) that the public be re-admitted to the meeting at 3.30pm. [16/12/17.2]*

**18.0** **MANAGEMENT REPORT cont...**

**18.1** *Agreed (Steve Scragg/Peter Storey) that Council receives the Health and Safety report, Management report and Licence Sales report. [16/12/18.1]*

**19.0** **MEETING CLOSED**

**19.1** The meeting was closed at 3.35pm.

.....  
**Lindsay Lyons,**  
**Acting Chairman**

.....  
**Date**

## SUMMARY OF RESOLUTIONS

- 2.0 APOLOGIES**
- 2.2 *Agreed (Neal Hawes/Ken Coombes) that the apologies for the 161st meeting of the Eastern Region Fish and Game Council be sustained. [16/12/2.2]*
- 3.0 MINUTES OF THE PREVIOUS MEETING (20 OCTOBER 2016)**
- 3.1 *Agreed (Sandy Bull/Alan Baird) that the minutes of the meeting held on 20 October 2016 be confirmed as a true and correct record. [16/12/3.1]*
- 8.0 2015-2016 PERFORMANCE REPORT**
- 8.2 *Agreed (Peter Storey/Neal Hawes) that Council adopts the Performance Report for the 2015-2016 year. [16/12/8.2]*
- 9.0 2016 UPLAND GAME PROPERTIES REPORT**
- 9.2 *Agreed (Ken Coombes/Alan Baird) that Council receives the summary of hunter effort and harvest on Upland Game Properties in 2016. [16/12/9.2]*
- 10.0 2017 GAME SEASON CONDITIONS**
- 10.2 *Agreed (Steve Scragg/Alan Baird) that Council re-affirms the threshold approach to setting mallard and grey duck harvest regulations (where grey duck are treated as mallards due to the difficulty in distinguishing between the species). [16/12/10.2]*
- 10.3 *Agreed (Steve Scragg/Alan Baird) that the threshold levels are set at 350,000 and 450,000 such that at or below 350,000 a set of restricted conditions apply; above 350,000 and, at or below 450,000 a set of intermediate harvest regulations apply; and above 450,000 a relaxed set of conditions apply. [16/12/10.3]*
- 10.4 *Agreed (Steve Scragg/Alan Baird) that restricted conditions shall comprise a 4-week season (including Queens Birthday when appropriate) with a bag limit of 6 mallard and grey duck; intermediate conditions shall comprise a 6-week season with a bag limit of 8 mallard and grey duck; and relaxed conditions shall comprise an 8-week season with a bag limit of 10 mallard and grey duck. [16/12/10.4]*
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- 12.0 WAIKAREMOANA SPORTS FISH HABITAT ENHANCEMENT FUND**
- 12.3 *Agreed (Steve Scragg/Ken Coombes) that Council approves the application for an additional \$6,000 to be drawn from the Waikaremoana Sports Fish Habitat Enhancement Fund for the recovery of the Waikaremoana monitoring buoy. [16/12/12.3]*
- 13.0 DATES FOR COUNCIL MEETINGS IN 2017**
- 13.2 *Agreed (Ken Coombes/Steve Scragg) that meeting dates for 2017 will be as set out below:*

	Date	Venue	Key Issues
1	16 February 2017	Rotorua	<ul style="list-style-type: none"> <li>• Council Priorities</li> </ul>
2	6 April, 2017	Rotorua	<ul style="list-style-type: none"> <li>• OWP – initial draft</li> <li>• Anglers Notice – initial consideration</li> </ul>
3	15 June 2017	Rotorua	<ul style="list-style-type: none"> <li>• Licence Fee</li> </ul>

			<ul style="list-style-type: none"> <li>OWP – 2<sup>nd</sup> draft</li> <li>Anglers Notice – finalise recommendations</li> </ul>
4	10 August 2017	Alternate venue?	<ul style="list-style-type: none"> <li>Finalise OWP</li> </ul>
5	19 October 2017	Alternate venue?	<ul style="list-style-type: none"> <li>Game Conditions – initial consideration</li> <li>Annual Performance Report - draft</li> </ul>
6	30 November 2017	Rotorua	<ul style="list-style-type: none"> <li>Game Conditions – finalise recommendations</li> </ul>
APM	30 November 2017	Rotorua	<ul style="list-style-type: none"> <li>Present Annual Performance Report</li> </ul>

[16/12/13.2]

#### 15.0 MANAGEMENT REPORT

15.6 *Agreed (Barry Roderick/Steve Scragg) that the payments for September and October 2016 totalling \$271,405.25 be approved. [16/12/15.6]*

15.7 *Agreed (Barry Roderick/Steve Scragg) that Council approves the proposed budget figures for the Statement of Financial Position and Statement of Financial Performance & Cash flow for the 2016-2017 financial year. [16/12/15.7]*

#### 17.0 CONSIDERATION OF STAFF RELATED MATTERS

17.1 *Agreed (Steve Scragg/Barry Roderick) that pursuant to Section 48 (1) of the Local Government Official Information and Meetings Act 1987, the public be excluded at 2.23pm from the following parts of the proceedings of this meeting, namely a discussion on the Manager's annual performance review. [16/12/17.1]*

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter and the specific grounds under Section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

GENERAL SUBJECT OF EACH MATTER TO BE CONSIDERED	REASON FOR PASSING THIS RESOLUTION IN RELATION TO EACH MATTER	GROUND(S) UNDER SECTION 48(1) FOR THE PASSING OF THIS RESOLUTION
Discussion on the Regional Manager's performance review	Good reason to withhold exists under section 7 of the Official Information Act 1982	Section 48(1)(a)(ii)

This resolution is made in reliance on Section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 9 of the Official Information Act 1982 which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public are as follows:

ITEM	REASON UNDER THE OFFICIAL INFORMATION ACT 1982	SECTION	PLAIN ENGLISH REASON
16 3.1	Protect the privacy of natural persons	Sec. 7(2)(a)	Discussion between the Regional Manager and the Council on the Manager's performance review and any negotiations on employment conditions should occur in private between these parties.

17.2 *Agreed (Peter Storey/Steve Scragg) that the public be re-admitted to the meeting at 3.30pm. [16/12/17.2]*

#### 18.0 MANAGEMENT REPORT cont...

18.1 *Agreed (Steve Scragg/Peter Storey) that Council receives the Health and Safety report, Management report and Licence Sales report. [16/12/18.1]*

## 7. CONFLICT OF INTEREST REGISTER

Ref: 7.02.01

1 February 2017

### 1. Purpose

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

### 2. Background

The Eastern Fish and Game Council at its October 2016 meeting revised its policy and rules for dealing 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:

- (i) 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)).
- (ii) 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.
- (iii) 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.
- (iv) 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:

- (i) There is a realistic connection between the member’s private interest(s) and the interest(s) of the Council;

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<sup>1</sup> “Matter” means:

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

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

- (ii) The member's other interest could specifically affect, or be affected by, the actions of the Council in relation to a matter;
- (iii) 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
- (iv) 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:

- (i) not vote on issues related to the matter;
- (ii) not discuss the matter with other members;
- (iii) 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;
- (iv) 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:

- (i) 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);
- (ii) providing 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.***

## **8. ELECTION OF OFFICERS**

**Ref: 7.02.02**

**2 February 2017**

### **1. Purpose**

To elect officers for the Eastern Fish and Game Council for 2017.

### **2. Background**

The Council has determined that the appointment of officers should be reviewed annually at the beginning of each calendar year. The incumbent Councillors and staff are listed below:

- Chairman – Murray Ferris
- New Zealand Council appointee – Lindsay Lyons (also Chairman of NZ Council)
- Deputy Chairman – Lindsay Lyons
- Waikato Catchment Ecological Enhancement Trust (WCEET) – Matthew McDougall

There is also, a Managers Performance and Remuneration Committee. This has a specific Terms of Reference (TOR) dealing with the compilation of information for the annual Manager's performance review. The term of appointment for this Committee is three years commencing at the beginning of each Council term (February 2013 to February 2016, February 2016 to February 2019 etc.) so appointments are not up for review at this meeting. The incumbent Councillors are Murray Ferris, Lindsay Lyons and Barry Roderick.

The objectives of the Waikato (WCEET) trust are detailed in an attachment to this item. Matthew's role on the WCEET remains largely technical in evaluating funding applications and then acting as project manager and advisor for a number of projects. The members of the WCEET are mostly staff from agencies including Fish & Game, DOC, territorial authorities, and Mighty River Power.

### **3. Recommendations**

***3.1 That Council reviews the appointments to the roles detailed above and determines whether it wishes to make changes to any of these.***



## Trust Purpose

The Waikato Catchment Ecological Enhancement Trust was established for the following charitable purposes:

- To foster and enhance the sustainable management of the ecological resources in the Lake Taupo and Waikato River catchments;
- To mitigate adverse effects of the operation of the Hydro Scheme on the ecological environments in the Lake Taupo and Waikato River catchments;
- To maintain and enhance indigenous biodiversity, the sports fishery and game bird populations in the Lake Taupo and Waikato River catchments through appropriate and sustainable species and habitat management by:
  1. identifying important habitats and/or species;
  2. identifying risks and threats to those identified habitats and/or species;
  3. identifying most practicable means to ameliorate or resolve risks and threats to habitats and species in the catchment;
  4. identifying practical means to enhance important habitats and/or species;
  5. establishing an enduring and beneficial working partnership between Mighty River Power and the Trust.

## Trust Objectives

Objectives of the trust are:

1. Enhancement of wetland values in the Lake Taupo and Waikato River catchments.
2. Enhancement of indigenous biodiversity in the Lake Taupo and Waikato River catchments.
3. Enhancement of the sports fishery and game bird population in the Lake Taupo and Waikato River catchments.
4. Mitigation of any adverse effects of the operation of the Waikato Hydro System on the ecological environments in the Lake Taupo and Waikato River catchments.

## **9. DEVELOPMENT OF THE 2016-17 OPERATIONAL WORK PLAN**

**Ref: 8.02.01**

**1 February 2017**

### **1. Purpose**

To review Council's priorities for the 2016-2017 year, and identify changes in priorities or work areas and projects that Council would like to see incorporated into the 2017-2018 Operational Work Plan.

### **2. Background**

Operational Work Plans (which come into force on 1 September each year) are developed over several months from February onwards, and involve a review by Council of strategic priorities, core functions, project objectives, allocation of resources, and performance measures. The process may include seeking Council's approval for the submission of applications to the national Contestable Fund to increase bulk funding for specific purposes.

The steps involved in developing the OWP for the 2017-2018 year are as follows:

- Council reviews priorities and project themes/areas it wishes to focus on over and above core functions (this meeting).
- Council reviews draft projects and budgets excluding internal costs at 6 April meeting.
- Contestable funding bids and draft regional budgets (revised if necessary post 6 April meeting) submitted to the NZ Council prior to 10 April for consideration at the Managers Meeting on 26-27 April.
- Staff revise projects and resourcing including hours and internal costs to take into account outcomes of the contestable fund bids, and circulate second draft of the OWP to Council ahead of its 15 June meeting.
- Second draft of the OWP considered at the June meeting and projects, budgets and targets reviewed and refined as necessary.
- Penultimate draft of OWP circulated to clubs for comment.
- Club comments considered and incorporated if appropriate into final OWP presented for approval at Council's meeting on 10 August.

As indicated above the operational planning cycle commences as of now with a review and discussion of Council's current priorities, and whether changes to these are required within the next OWP year. This will ensure staff have time to undertake initial planning and costing of projects prior to Council's meeting in April.

The Council's key regional priorities for the current (2016-2017) OWP year are:

- Enhancement of habitat for greyland production – in particular activities that increase duck numbers and as a result, hunter opportunities;
- Water quantity and quality – addressing in particular, the pressures on our free-flowing water resources and the water quality of the Rotorua lakes;
- Access – making it easier for anglers and hunters to use the resource;
- Maximising fishery opportunities.



The Council has also agreed to support long term aspirational outcomes for Fish & Game identified by the New Zealand Fish and Game Council, and these need to be provided for where possible in the OWP. The New Zealand Council's current aspirations are:

- Fish & Game NZ is well recognised and well regarded as fish and game resource managers based on a user says/user pays system.
- Fish & Game's values and aspirations are reflected in statute.
- Sports fish and game birds are recognised as valued public resources with right of access.
- There is general recognition that wildlife habitat is a finite resource that must be protected.
- Water Conservation Orders are finalised and defended.
- The New Zealand public is sympathetic to Fish & Game NZ's goals.

The 2016-17 regional priorities have largely been a focus of the Eastern Council for past decade. Over this time we have gained a much greater understanding of what can and can't be influenced in terms of achieving the outcomes we are seeking. With this understanding we have adaptively managed our approach and refined projects or changed our focus more towards what we can do to meet the priorities of Council. The achievements and some important issues we have identified within each of the key priority areas are indicated below. It would be helpful for Council to consider the issues facing each priority, and identify or suggest project areas where continued resourcing or changes in resourcing should be considered during the preparation of the 2017-2018 OWP. Project areas and associated tasks for the current (2016-2017) OWP year are presented in the tables appended to each of the priority comments made below.

### **3. Enhancement of habitat for greylard production (Priority One)**

- Over the past decade we have directly developed, or facilitated development of significant areas of wetland across the region using both licence holders' income and external funding from trusts, regional councils and other funding agencies. This has occurred on private and public lands and more hunting opportunities have been developed, but some projects, particularly smaller private land initiatives, have not always resulted in habitat as productive as we'd like in terms of greylard productivity. A number of reasons are involved and we can learn from these, and given the positive track record we largely have with funding agencies there are opportunities for ongoing projects of this nature. One of the issues that we need to be aware of and provide for is ensuring we don't overburden ourselves with ongoing management requirements and ever increasing commitments. We already have a large number of habitats we need to maintain (e.g. our existing Wildlife Management Reserves), and we need to be confident we have or can find the means and resources needed to prevent these areas from going backwards as we add new habitat to our management register. More recently we have become involved in managing a number of projects on behalf of other agencies e.g. for Bay of Plenty Regional Council within the Lower Kaituna wetland, and a collective of DOC, Ngati Tahu-Ngati Whaeo, Te Arawa Lakes Trust and Waikato Regional Council at Lakes Ngapouri and Tutaeinanga.
- We have increased our expectations and requirements of ballot holders in Fish & Game managed reserves to relation to maintaining habitat and hunting opportunities (and have more to do in this area but need to temper this with constraints imposed by Health and Safety obligations), in addition to obtaining funding from external sources to increase/maintain open water habitat. Our reserves however, are only just receiving the

maintenance they require and there is potential for producing more ducks if more resources could be allocated or obtained for maintenance. We have concluded that a stronger focus on habitat quality rather than quantity (the latter being the case in the past) is a better option for increasing duck numbers, and there is much more to be done in this area, but we should also be looking at ways of leveraging the assistance of other parties and encouraging greater input from volunteers and interest groups.

- Through intensive regional research and monitoring we have a good insight into the effects of harvest and game season conditions on greylard populations and productivity in ensuing seasons. We also know that trying to manage harvest through our current regulation options is very difficult due to changes in hunter behaviour resulting from regulation manipulation, and licence holders' expectations in relation to season length and bag limits. If regulations are to make a difference when mallard populations are depressed, it's apparent that very restrictive conditions need to apply and there are political implications/difficulties in the use of these tools. This highlights the importance of maintaining a strong focus on habitat enhancement programmes.
- Productivity is a key driver for "more ducks", and as stated above, quality rather than quantity is a more effective area in which to place our efforts than simply creating more habitat of the type we have focussed on in the past. We do not have the resources to put more significantly more effort into enhancing productivity ourselves without impacting on resources that are currently being utilised elsewhere, or finding external resources to cover what is needed. Expanding habitat programmes requires additional and/or novel approaches to resourcing. Providing advice and technical support to landowners rather than \$ per se is an area in which we should perhaps be putting greater effort and being more proactive.
- We have been gaining an insight into production on lowland Bay of Plenty drains, and implemented a field programme last year to identify the physical characteristics of drains most utilised by mallards during brood rearing. This information has still to be fully analysed, but will provide a better guidance on what can be done to enhance the habitat values of these networks of waterways. More recently we have also undertaken aerial surveys of parts of coastal Bay of Plenty and the Waikite area and have identified existing wetlands and or bodies of open water that could be readily enhanced if landowners could be encouraged or enticed into doing so. Many such areas are also present on the East Coast. These projects have considerable potential, but would also require substantial resourcing to implement on a large scale.
- We are in the process of drafting a 3-5 year strategic plan for greylard habitat enhancement in collaboration with our counterparts in Hawke's Bay which will grapple with some of these issues.
- National research on factors affecting mallard productivity is still in progress and we have made various contributions to this work in recent years. We are looking forward to spinoffs and management options arising from this work over the next year or so, and continuing to contribute to the identification and delivery of research priorities.

2016-17 programme

<i>Project Area</i>	<i>Projects/Objectives</i>
Species Management	<ul style="list-style-type: none"> <li>• Collaboratively monitor greylard populations within proposed Duck Management Units with adjoining Fish &amp; Game regions via a combination of trapping/banding, aerial surveys, and brood counts to investigate productivity, survival, harvest and movements.</li> </ul>

	<ul style="list-style-type: none"> <li>• Investigate the status of greylard populations in the Reporoa/ Broadlands area.</li> <li>• Investigate the merits of releasing captive reared mallards into areas in which mallard populations are depressed.</li> <li>• Undertake game bird hunter survey.</li> <li>• Review game season conditions and make changes where needed to address issues impacting on greylard populations and productivity.</li> <li>• Contribute to national research programmes on mallards.</li> <li>• Prepare a five year strategic research and management work plan for greylards.</li> </ul>
Wildlife Management Reserves	<ul style="list-style-type: none"> <li>• Review the balloting process and closely manage stand holders' maintenance activities to ensure habitat quality is maintained if not enhanced.</li> <li>• Review rotational maintenance programmes undertaken by staff in Fish &amp; Game managed wetlands and re-assess/confirm existing priorities.</li> <li>• Investigate why productivity of juveniles appears to be greater in some wetland reserves than others, and assess options for addressing issues that are identified.</li> </ul>
Assisted Habitat on Non Public Land	<ul style="list-style-type: none"> <li>• Engage in statutory planning processes and make submissions to regional and district plans to amend rules that are barriers to habitat enhancement or hunter opportunities, and support or oppose consent applications that impact on game bird habitat values or hunter access.</li> <li>• Develop positive working relationships with landowners and other parties with an interest or involvement in rural land management including local and regional authorities, DOC, Federated Farmers, Fonterra and Dairy NZ.</li> </ul>
Habitat Creation	<ul style="list-style-type: none"> <li>• Provide advice to enable and encourage hunters/landowners to develop quality, productive wetland habitat.</li> <li>• Advocate for better drain management and enhance habitat in drainage canals.</li> <li>• Provide advice on enhancement of stock ponds and implement enhancement projects.</li> <li>• Make at least one external funding application for wetland habitat development.</li> <li>• Participate on Waikato Catchment Ecological Enhancement Trust and oversee appropriate projects.</li> </ul>
Rural media	<ul style="list-style-type: none"> <li>• Use rural media to encourage the creation and enhancement of wetland habitats.</li> </ul>

#### **4. Water Quality and Quantity (Priority Two)**

- We have had a very active role in the Rotorua Lakes Action Planning processes to improve water quality in the Rotorua Lakes. Many of the lakes have shown marked improvements with the interventions the Bay of Plenty Regional Council has put in place. Lake Tarawera's water quality has deteriorated more recently but an Action Plan has recently been prepared for it. Some of Regional Council's interventions may have had a negative impacts on some fisheries (e.g. Ohau Channel Diversion Wall), but improved water quality is or will benefit other fisheries. There is an ongoing requirement to monitor fisheries to ensure that any impacts as a result of interventions are detected and if necessary mitigated for. In the case of the Ohau Channel Wall considerable progress has

been made over the past year on mechanisms for mitigating potential effects and fish passes are in the final stages of being designed prior to their integration into the wall.

- The BOPRC’s Regional Policy Statement has outlined plans for land use change in sensitive lake catchments to ensure nutrient inputs from agriculture decrease. We retain a strong presence in regional water quality planning and collaborative processes advocating for sustainable land use and a reduction in nutrient and sediment leaching, and have more recently been heavily engaged with Gisborne District Council planning processes.
- We have highlighted Rangitaiki River water quality issues to the BOPRC and the Rangitaiki River Forum. Water quality issues have been acknowledged and provisions made in the RPS to use the Forum to create a catchment management plan for the river. This process will take time and will require ongoing discussion with territorial authorities and Iwi. We have also become involved with other “Freshwater Futures Community Groups in the Kaituna and Pongakawa catchments.
- There are other catchments within the region, e.g. the upper Motu, where intensification of land use and conversion from lesser nutrient leaching dry stock farming to higher nutrient leaching dairy farming has been mooted or is well underway. In some areas we have limited ability under current plans to influence these activities and their subsequent impacts on water quality, but need to continue to advocate effectively for such during plan change processes. We need to have robust evidence and be able to present strong cases to support our position and secure the outcomes we seek, and in some cases this means having to prioritise what we can and can’t get involved with.
- Overlying regional water quality issues are several national government initiatives to increase primary production through more effective land use and increased irrigation. The National Policy Statement for Fresh Water is in place and National Environmental Standards have been developed though there is an omission in the latter which we are keen to see rectified i.e. the inclusion of the MCI (Macroinvertebrate Community Index), in addition to revision of the standard concerned with nitrate toxicity. The threat of fundamental and far reaching reforms to the RMA remains in the air and something we need to watch closely for. Being an election year Fish & Game needs to establish what the respective positions of the political parties are in relation to the RMA and be a strong advocate for what we want. There is a far greater awareness and concern within the wider community in relation to water issues, and there is an opportunity to harness or encourage this public support more widely to effect change for the better i.e. by using political pressure and the ‘court of public opinion’ in addition to engaging in RMA processes. To effectively advocate for the protection of freshwater habitats both approaches are going to be required because we simply don’t have the resources or capacity to engage in statutory advocacy alone.

2016-17 programme

<i><b>Project Area</b></i>	<i><b>Projects/Objectives</b></i>
Rivers	<ul style="list-style-type: none"> <li>• Continue to assess trout numbers in the Rangitaiki River fishery and communicate water quality issues to Regional Council and the Rangitaiki River Forum.</li> <li>• Monitor trout numbers in the Motu River fishery and communicate water quality related issues to the Gisborne District Council.</li> <li>• Maintain input to the didymo awareness and surveillance programme.</li> <li>• Participate in collaborative processes and submit on water allocation</li> </ul>

	<p>processes in planning and consenting matters on sensitive waters.</p> <ul style="list-style-type: none"> <li>• Maintain water quality register of Regional Councils' performance.</li> </ul>
Lakes Water Quality	<ul style="list-style-type: none"> <li>• Continue Rotorua lakes fisheries monitoring programmes and participate in fisheries research projects.</li> <li>• Monitor and support the Waikaremoana water quality buoy programme.</li> <li>• Participate in Rotorua lakes' collaborative processes and use creel survey and NAS results to advocate for improved water quality.</li> </ul>

### **5. Angler and hunter access (Priority Three)**

- We have maintained extensive physical access tracks and signage for angling to priority waters for over a decade. The current programme is manageable under the existing resource allocation. Maintaining hunter access to our reserves is undertaken in conjunction with other habitat management activities and is also currently achievable with the resources that have been directed towards it.
- Forest access for both angling and hunting has been affected by Treaty of Waitangi Settlements, and forest managers e.g. Timberlands. Many of our access problems arise due to land ownership issues and the rights of landowners (or occupiers/managers in the case of Timberlands) to control access across their land. Restoring access to these areas depends on relationship building with land owners and is time consuming with varying levels of success.
- We maintain comprehensive printed access information and continue to expand our inventory of information that is available digitally. We have recently produced a pamphlet for fisheries within the Wairoa catchment and see a need to extend access investigations to other East Coast fisheries i.e. within the eastern Bay of Plenty and north of Gisborne.
- There may be opportunity to develop joint initiatives and work more collaboratively with the Walking Access Commission and this warrants further investigation.

2016-17 programme

<b><i>Project Area</i></b>	<b><i>Projects/Objectives</i></b>
Access	<ul style="list-style-type: none"> <li>• Maintain current access tracks to the Rangitaiki River and its tributaries, the Waioeka River and Tarawera River, and the Ngongotaha and Waiteti Streams. Improve access to Wairoa catchment tributaries including the upper Waikaretaheke River and the Waiiau River.</li> <li>• Allocate balloted hunting stands.</li> <li>• Upgrade signs to brand specifications where required, and maintain signage database.</li> <li>• Advocate for improved access through forestry and resolution of identified captured access areas. Submit to regional/district plans for improved angler/hunter access. Continue to press for greater access to the Rangitaiki River fishery and the Otamatea summer fishery in particular.</li> <li>• Submit to Walking Access Commission and ensure that provision for public access is made in Treaty of Waitangi Settlements.</li> </ul>
Licence holder information	<ul style="list-style-type: none"> <li>• Maintain access pamphlets and website to ensure effective communication of angling and hunting access information.</li> <li>• Maintain the Fish &amp; Game hut at Wairua.</li> </ul>

**6. Maximising fishery opportunities (Priority Four)**

- We have a successful supplementary stocking programme on the Rotorua lakes based on maximising returns to anglers. We undertake intensive monitoring of these fisheries and regularly review stocking rates. We have recent research findings that have modified our liberation strategies and we adaptively manage liberations to maximise returns and effectiveness to the extent it is possible to within various constraints imposed by environmental conditions.
- In 2015 we instigated a more intensive fisheries monitoring programme at Waikaremoana to fill some gaps, and assess concerns raised in an earlier petition and submission to Council for regulation changes. This work has produced some very useful information and will continue to the end of the coming winter after which we'll have sufficient information and insight into seasonal and annual variation to enable it to be scaled back. The fishery is in good health and could not be described as being under pressure or over utilised.
- Most monitoring and angler survey effort within the Rotorua lakes is directed towards lakes Tarawera, Rotoiti, Okataina and Rotorua. It's appropriate that these lakes continue to be the primary focus for this effort but there is a need, periodically at least, to monitor some of the 'lesser' lake fisheries i.e. Rotoma, Rotoehu, Okareka, Rerewhakaaitu and the Waikato River lakes. Scaling back of the Waikaremoana programme will free up some resources which could be used to do this, but reducing the intensity of effort on the 'big' four (while maintaining the statistical integrity of those surveys) would also be necessary.
- Non-resident licence income is being held in a dedicated fund and currently amounts to approximately \$30k. 'Back country' fisheries within the Eastern Region need to be defined and a policy or strategy developed for utilising these funds.
- We have increased information distribution on fishing opportunities available to our angling licence holders through printed and electronic channels. We need to improve and maintain an effective social media presence to keep up with informing our licence holders on the opportunities available to them. We have also increased angler training efforts to improve angler success, and there is additional potential to increase participation in angling with assistance from angling clubs and other partners across the region.

2016-17 programme

<i>Project Area</i>	<i>Projects/Objectives</i>
Species Monitoring	<ul style="list-style-type: none"> <li>• Monitor growth and performance of liberations into lake fisheries via the Datawatch programme. Tag and release 8,500 trout.</li> <li>• Monitor Lake Tarawera wild spawning and investigate enhancement opportunities.</li> <li>• Monitor the Lake Waikaremoana fishery and its key spawning tributaries.</li> <li>• Monitor the Lake Rotorua and Ngongotaha fisheries.</li> <li>• Monitor the Ohau Channel fishery and investigate perceived issues in Okawa Bay.</li> <li>• Investigate new techniques for monitoring smelt populations in lake fisheries.</li> <li>• Contribute to external research projects to better understand lake fisheries.</li> </ul>

Harvest Assessment	<ul style="list-style-type: none"> <li>Undertake lake fisheries creel surveys to monitor angler catch and satisfaction, and Opening Day surveys to evaluate stocking programmes.</li> </ul>
Hatchery	<ul style="list-style-type: none"> <li>Review the current approach to obtaining brood stock for hatchery programme.</li> <li>Produce c.80,000 quality fish to maintain trout fisheries within the region.</li> </ul>
Regulations	<ul style="list-style-type: none"> <li>Maintain/enhance sports fish resources through refinement if necessary, of the anglers notice using a policy driven review process.</li> <li>Look for opportunities to increase participation and remove barriers to fishing.</li> </ul>
RMA planning	<ul style="list-style-type: none"> <li>Represent anglers in water quality planning, consenting processes and district planning for improved habitat, angling experience and access opportunities.</li> </ul>
Participation	<ul style="list-style-type: none"> <li>Maintain and enhance access.</li> <li>Increase angler communication and information, document existing opportunities, and identify options for increasing participation.</li> <li>Support childrens' fishing programmes, angler training and angling competitions, and maintain club relations.</li> <li>Run another 'red tag' fishing competition.</li> </ul>
Compliance	<ul style="list-style-type: none"> <li>Maintain a high level of participant contact and protect fishery sustainability.</li> </ul>
Licensing	<ul style="list-style-type: none"> <li>Make fishing licences readily available and continue to market new fishing licence categories to existing and potential licence holders.</li> </ul>

## **7. New Zealand Council Aspirational Outcomes**

New Zealand Council has a focus on increasing public awareness and support of Fish & Game, as managers of sports fish and game bird resources, and as advocates for the interests of anglers and hunters, and often in doing so, for those of the wider public. Protecting and enhancing habitats and access to wild areas and resources are important to all New Zealanders, and a fundamental role for the Eastern Council. The Eastern Council contributes significant regional resources to supporting national projects associated with species monitoring and management, public awareness, compliance and licensing outputs.

2016-17 programme

<b><i>Project Area</i></b>	<b><i>Projects/Objectives</i></b>
Public Awareness	<ul style="list-style-type: none"> <li>Contribute to the national public awareness network and support national public awareness events.</li> <li>Manage our website and use social media to increase awareness of Fish &amp; Game activities.</li> <li>Distribute 40 media releases and support the NZ Council North Island PA Advisor.</li> <li>Engage and communicate with the rural community and landowners. Promote Fish &amp; Game at appropriate events and in the rural media.</li> <li>Conduct 12 presentations to schools/outside organisations and use the Ngongotaha hatchery and grounds to promote Fish &amp; Game to the wider public.</li> </ul>
Statutory	<ul style="list-style-type: none"> <li>Regional Manager to periodically meet with senior local and regional</li> </ul>

Liaison	<p>authority managers, senior DOC staff, Conservation Boards, and MPs where appropriate.</p> <ul style="list-style-type: none"> <li>• Ongoing meetings with Te Urewera iwi entities towards the development of a MOU with Eastern Region Fish &amp; Game.</li> <li>• Develop a closer/more formal working relationship with Te Arawa iwi.</li> <li>• Regional Manager to attend meetings of the Taupo Fisheries Advisory Committee as the NZ Fish &amp; Game Council representative.</li> </ul>
Habitat	<ul style="list-style-type: none"> <li>• Contribute to the improvement of water quality in the Rotorua lakes via Regional Council planning and collaborative processes.</li> <li>• Utilise river investigation projects to advocate for improved water quality in key regional rivers.</li> <li>• Review and support/oppose plans and consents that impact significantly upon sports fish/game bird habitat values, or angler and hunter access.</li> <li>• Maintain inventory of wetlands, assess their vulnerability and identify wetlands deficient areas and opportunities for enhancement through stakeholder collaborative processes.</li> </ul>
Access	<ul style="list-style-type: none"> <li>• Advocate for improved access and submit to the Walking Access Commission on key issues, and ensure provision for public access is made in relevant Treaty of Waitangi settlements.</li> </ul>

## **8. Developing the 2017-2018 Operational Work Plan**

Staff are seeking a clear direction from this meeting of Council on the priorities, programmes and key objectives associated with these in the OWP for the coming year. Emerging issues and/or opportunities need to be identified to guide the development of any alterations to current work programmes so a draft budget can be prepared for the April Council meeting. If changes are sought a key point for discussion will be the balancing of resources both within and across priorities. If more work needs to be done in a particular area Council will need to identify where the resources to do so might come from. If internally resourced, lesser effort will need to be put into another area and this needs to be considered earlier rather than later.

## **9. Recommendations**

***9.1 That Council reviews the priorities and programmes for the 2016-2017 year, and identifies any changes it wishes to see for incorporation into the draft operational work plan for the 2017-2018 year.***



## **10. ENGAGING WITH LICENCE HOLDERS AND THE PUBLIC**

**Ref: 4.01.01**

**3 February 2017**

### **1. Purpose**

To discuss general election issues and challenges for the Eastern Region and ways in which we can communicate better with our stakeholders and the public more generally.

### **2. Background**

It's an election year and with that comes opportunities to convey messages to both voters and politicians. Fish and Game's National Communications Manager Don Rood will be in attendance and speaking to us on how Fish & Game can better communicate with its licence holders and local communities, as well as maintaining its status as the champions of the public good when it comes to water quality and the environment. With the general election scheduled for September 23, Fish & Game will be making an effort to ensure water quality is firmly in the public's mind. The organisation's links with anglers and hunters is no less important. Don is keen to discuss these matters with Councillors and hear their views on the challenges they see facing the Eastern Region.

### **3. Recommendation**

***3.1 That Council receives Don's presentation and offers it's insights to what it considers to be some of the key issues needing to be better communicated to other parties.***

## 11. COUNCIL EVALUATION

File: 7.02.03

3 February 2017

### 1. Purpose

To agree to a time and process for Council's annual self appraisal performance review.

### 2. Background

At its meeting on 11 August 2016, Council adopted a revised set of Governance Policies, one of which relates to evaluation of its own performance, processes and procedures on an annual basis. The policy is reproduced below:

#### 2.6 EVALUATION OF THE COUNCIL

- a. The Council will, each year, appraise its own performance, and its own processes and procedures to ensure that they are not unduly complex and are designed to assist the Council in effectively fulfilling its role.
- b. Each year, if 3 or more members of the Council ask in writing for the evaluation to be undertaken, individual Members and the chairperson will be evaluated by a process whereby the Council determines questions to be asked about him or herself and about each other including the Chairperson, each Member answers the questions, and the responses are collected and collated by the Chairperson who then discusses the results with each Member.
- c. The Manager will be invited to evaluate the Council as a whole annually against mutually agreed criteria.

Council needs to (i) formulate a process for carrying out the evaluation; (ii) identify functions and/or attributes it considers should be evaluated; and (iii) agree to the specific matters to be assessed.

Councillors may also wish to indicate whether any of them wish to request an evaluation of the Chairperson and individual Members as provided for in 2.6b (which if so will require a written request from 3 or more Councillors to proceed).

### 3. Recommendations

- 3.1 *That Council agrees to a time and process for undertaking its annual self evaluation.*
- 3.2 *That Council seeks an indication from Councillors as to whether 3 or more of them wish to undertake an evaluation of individual Members including the Chairman.*

## 12. VENUE FOR AUGUST AND OCTOBER 2017 MEETINGS

Ref: 7.02.01

3 February 2017

### 1. Purpose

To determine the venue for the 10 August and 19 October meetings of Council this year.

### 2. Background

At its last meeting in December 2016, Council agreed to the following dates for its 2017 meetings but deferred a decision on where to conduct the August or October until this February meeting of Council:

	Date	Venue	Key Issues
1	16 February 2017	Rotorua	<ul style="list-style-type: none"><li>• Council Priorities</li></ul>
2	6 April, 2017	Rotorua	<ul style="list-style-type: none"><li>• OWP – initial draft</li><li>• Anglers Notice – initial consideration</li></ul>
3	15 June 2017	Rotorua	<ul style="list-style-type: none"><li>• Licence Fee</li><li>• OWP – 2<sup>nd</sup> draft</li><li>• Anglers Notice – finalise recommendations</li></ul>
4	10 August 2017	Rotorua or elsewhere?	<ul style="list-style-type: none"><li>• Finalise OWP</li></ul>
5	19 October 2017	Rotorua or elsewhere?	<ul style="list-style-type: none"><li>• Game Conditions – initial consideration</li><li>• Annual Performance Report - draft</li></ul>
6	30 November 2017	Rotorua	<ul style="list-style-type: none"><li>• Game Conditions – finalise recommendations</li></ul>
APM	30 November 2017	Rotorua	<ul style="list-style-type: none"><li>• Present Annual Performance Report</li></ul>

Each year one of Council's six meetings is generally held outside Rotorua. Last year, October's meeting was in Taupo and this was attended by members of the public. In August 2015 a meeting was held at the Vista Motor Lodge in Wairoa and 10 members of the public attended. None of the meetings in 2014 were located outside of Rotorua but the October 2013 meeting was held in Gisborne and that was attended by eight councillors and four members of the public.

After the poor public attendance at the 2013 meeting it was suggested that it might be more useful to conduct meetings at either Wairoa or Waikaremoana as an East Coast venue. We have not had a Council meeting at Waikaremoana but there are potential meeting venues there such as the Waikaremoana Tribal Authority's new Te Wharehou o Waikaremoana building at Home Bay, or the Lake Whakamarino Lodge at Tuai. It is uncertain what level of public attendance we would get at a Waikaremoana or Tuai meeting, but with appropriate notification we might be able to get a reasonable number of local anglers and hunters along with members of the Waikaremoana Tribal Authority who are our first point of contact for most matters concerned with this part of Te Urewera.

At its last meeting it was suggested that it might be useful to conduct a meeting in Whakatane or Tauranga.

It would be useful for Council to determine where it wants to hold its away meeting sooner rather than later so that staff can book a venue well ahead of time.

**3. Recommendation**

***3.1 That Council decides on the locations for its August and October 2017 meetings.***

## **13. SPECIES MONITORING REPORT**

**Ref: 1.02.01**

**3 February 2017**

### **1. Purpose**

To receive the Rotorua Lakes 2016 Winter Creel Survey report.

### **2. Background**

The Eastern Council operates a significant species monitoring programme for both sports fisheries and game birds across the region. This monitoring involves investigations on the populations we manage and the characteristics of the harvest on these species. Understanding what we manage, and key characteristics of how our licence holders use these resources is a fundamental aspect to fish and game management.

The winter creel surveys were established in the late 1990's to monitor changes in the highly valued winter shoreline fishery on Lakes Rotoiti, Okataina and Rotoiti. The first survey in 1997 established total effort from this group of anglers and ascertained characteristics of the catch as well as angler perceptions, attractions and detractions. These surveys have continued annually to monitor the catch from this fishery each year. Data collected has been used to adjust seasonal liberations into the lakes to increase opportunities for winter anglers, as well as monitor regulation changes to try and further enhance these fisheries.

The full Rotorua Lakes 2016 Winter Creel Survey Report will be emailed out to Council with February 2016's Papers for Information, and will be posted on the Eastern Region pages of the [www.fishandgame.org.nz](http://www.fishandgame.org.nz) web site. The Executive Summary is replicated below.

### **3. Rotorua Lakes 2016 Winter Creel Survey Report**

#### ***Executive Summary***

- The creel survey of winter shoreline anglers on Lakes Rotoiti, Okataina and Tarawera has been undertaken relatively unchanged for the past twenty years. Staff resourcing for the 2016 winter creel was partially affected by ill health of a key staff person and other operational demands. A total of 234 angler encounters were recorded.
- Lake Rotoiti anglers experienced a reduced average catch rate compared to the 2015 winter. The fish caught by Rotoiti anglers during the 2016 winter were larger and heavier on average than the fish caught over the 2014 and 2015 winters. These fish were 3mm larger than the past 10-year average (596mm). The average angler's perceptions of both catch rate and fish size were significantly improved ( $P < 0.001$ ), whilst the average satisfaction level was fractionally less than that during the 2015 winter. A total of 96% of Rotoiti winter anglers said they were satisfied or highly satisfied with their fishing.
- Lake Okataina creel surveys throughout the 2016 winter recorded a low number of angler encounters. Since the 2010 winter, a lesser amount of winter angling activity has generally been observed. Catch rates at Lake Okataina during winter 2016 were poorer than during the 2015 season and well behind the past 10 year average (0.2 fish/hr). Just two fish were physically measured by staff during the 2016 winter surveys at Okataina. Anglers fishing Lake Okataina during the 2016 winter perceived that their catch rate was

poorer than during the 2015 winter, though the size of the fish they caught was perceived to be better than the 2015 winter. Anglers rated their level of satisfaction slightly poorer compared to the 2015 winter. 92% of anglers stated they were either satisfied or highly satisfied with their 2016 winters fishing at Okataina, which was significantly less than the previous 10 year average (P=0.01).

- Lake Tarawera anglers experienced the same level of catch rate over the 2016 winter as during the 2015 winter. The average fish measured was 15mm longer and 170g heavier than the average 2015 winter fish. The winter spawning run recorded through the Te Wairoa fish trap also indicated improved fish condition illustrating an improvement in lake productivity over the past year. The average angler's perceptions during the 2016 winter were improved for catch rate and significantly enhanced for fish size and condition compared with their 2015 ratings (P=0.01). Anglers rated their level of satisfaction as being improved compared with the 2015 winter. All Tarawera anglers interviewed stated they were either satisfied or highly satisfied with their winter's fishing.

### 3. Recommendations

#### *3.1 That Council receives the Rotorua Lakes 2014 Winter Creel Survey report.*

## **14. LIAISON OFFICERS REPORTS**

### **14.1 Conservation Boards**

- *Tongariro/Taupo Conservation Board*
- *Bay of Plenty Conservation Board*
- *East Coast/Hawke's Bay Conservation Board*

### **14.2 Reports from other agencies**

- Department of Conservation, Central North Island Region (Taupo, Rotorua, BoP)
- Department of Conservation, Lower North Island Region (Gisborne, Wairoa)

### **14.3 Report from New Zealand Council**

## 15. OPERATIONAL REPORTS

### 15.1 MANAGEMENT REPORT

2 February 2017

#### SPECIES MANAGEMENT

##### 1111 River Fisheries Investigations

###### Regional River Fisheries Monitoring Programme

Staff have the Motu and Takaputahi Rivers scheduled for drift dive monitoring during the period 14 to 16 February with the 21 to 23 February as back up. In addition to this, Fish & Game has been contracted by Genesis Energy to conduct a repeat dive within the Waikaretaheke (the outflow of Waikaremoana) below the Kaitawa and Tuai power stations to investigate whether changes to the flow regime have affected trout numbers.

Hawkes Bay Fish & Game and Taranaki Fish & Game have also requested Eastern's assistance with their monitoring programmes.

###### Rangitaiki River Water Quality Monitoring

Fish & Game will undertake drift dives during late February or early March to assess the number of trout present at historically surveyed river stretches and collect water quality parameters from the upper Rangitaiki River within the Kaingaroa Forest. The data collected will add to Fish & Games knowledge of the area and be used to inform the Regional Council if there are ongoing effects on water quality that may be related to land use activities in the upper catchment. Rangitaiki monitoring requires a full day for a team of four staff.

##### 1112 Datawatch

During the four and a half months following the season opening, a total of 175 datawatch tags have been returned and entered into the database. The distribution is as follows:

Lake Okareka	6
Lake Okataina	49
Lake Rerewhakaaitu	9
Lake Rotoehu	11
Lake Rotoiti	39
Lake Rotoma	3
Lake Rotorua	3
Lake Tarawera	54
Lake Tutira	0
Lake Waikaremoana	1

*\*Datawatch returns (entered to 16/01/2017)*

The total is 45 tags behind that of the same approximate period in 2016. Lakes Okareka, Okataina, Rotoma and Waikaremoana returns are just ahead for this period.



## 1113 Lake Waikaremoana

### Lake Waikaremoana Monitoring Buoy Update

Abyss Diving has been contracted to undertake the recovery of the Waikaremoana monitoring buoy sensor chains that remain fouled by an obstruction. In mid December 2016 it looked like we had a window of opportunity in which to do this while the contractor was undertaking weed cordon work at Waikaremoana, but unfortunately winds well in excess of the working maximum of 10km/hr prevailed and the work had to be postponed. Staff are in the process of rescheduling the task which requires not the right conditions to present themselves, but the availability of the contractor and ROV operator also.

### Lake Waikaremoana Fishery Investigation/Summer Creel

Staff have undertaken creel surveys/compliance work at Waikaremoana during December and January and this will continue into February. Though low numbers of anglers have been encountered, fishing reports have been encouraging. Angling during early morning and evening has produced results while middle of the day has proved hard with bright conditions and warmer surface waters.

## 1115 Other Lake Fisheries Investigations

### Ngongotaha Stream Trap

The Ngongotaha Fish trap was operated for nine nights during November. The November trapping period was dominated by brown trout with eight fish exceeding the 10 pound mark. The largest fish was a 710mm, 5kg brown female. The largest rainbow was a 645mm, 5.3kg female. The average size of rainbow trout running the stream was down compared to November 2015 (30mm and 350g smaller), as was the average brown trout size (24mm and 260g smaller).

#### *Ngongotaha Stream trap run (November 2016)*

	<i>Av. Length</i>	<i>Av. Weight</i>	<i>Trap Run</i>	<i>Fish/night</i>	<i>10 pound+</i>	<i>% Brown</i>
<i>Rainbow</i>	505	1.75	18	2	1	
<i>Brown</i>	591	3.00	92	10	8	84%

The trap was operated for 10 nights during December. A large run of brown trout was recorded moving upstream as Lake Rotorua water temperatures increased above 19 degrees Celsius. The largest movement recorded occurred on 23 December when 81 brown trout were trapped. However, just 1 brown trout measured exceeded the 10 pound mark. The largest fish was a 650mm, 4.7kg brown female. Several fish were recorded just below the 10 pound mark (4.4 and 4.45kg).

#### *Ngongotaha Stream trap run (December 2016)*

	<i>Av. Length</i>	<i>Av. Weight</i>	<i>Trap Run</i>	<i>Fish/night</i>	<i>10 pound+</i>	<i>% Brown</i>
<i>Rainbow</i>	483	1.43	4	<1	0	
<i>Brown</i>	615	3.26	196	20	1	98%

#### *Ngongotaha Stream trap run (January 2017)*

No results to report as the trapping is still in progress at time of reporting.

## Lakes Research

Fish heads are being collected from Lakes Rotorua, Rotoiti and the Ohau Channel to add to the data collected to date in association with the Ohau Channel wall monitoring programme. The otoliths will be taken from the heads and used to determine the natal stream of origin of the trout sampled and identify dispersal between Rotorua and Rotoiti.

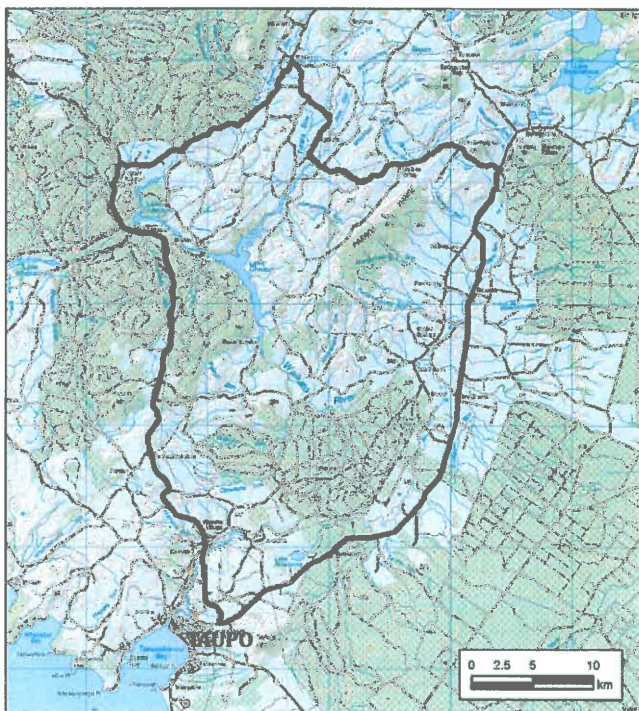
Members of the Tarawera Trout Fishers Club have been sending through reports of trout caught over the summer including descriptions of gut contents and size of smelt that the trout are feeding upon. Some positive reports have come in on how the fishery is currently performing.

## 1116 Waterfowl Monitoring

### Greylard

Mallard trap results to date agree with model estimates of good number of ducks. At this stage we are on par with the best seasons' trap results in part due to Murray Ferris's sterling effort on the East Coast. In the Broadlands area we are still in the feeding out stage so likely to exceed our best season's total ever. The birds were in OK condition (i.e. we have seen them better and a whole lot worse), so provided the dry summer we've been experiencing and are likely to continue to doesn't lead to a dramatic decline in body condition and survival we can expect a reasonable opening weekend in most areas.

The mallard and grey duck regulations we have recommended to the Minister are the same as those in 2016 (6 week season and daily bag limit of 8 mallard and grey duck), the only exception being that the area shown in the figure below will be subject to more restrictive harvest regulations in accordance with Council's decision at its last meeting [16/12/10.13] that a season of 4 weeks/5 weekends with a 4 bird daily bag limit will apply for greylards within that area bounded by Waikite Valley Road (Waiotapu) to SH 5 to Settlers Road which becomes Broadlands Road to SH 1 (Taupo Bypass) to SH 30 to Whirinaki Valley Road (Ngakuru) to Waikite Valley Road.



## Paradise Shelduck

Long term (15 years) trend counts indicate populations of paradise shelduck are stable in all management units. Regulation criteria and recommended regulations are given in Tables 1 to 4. Season regulations will be the same as those for the 2016 season.

**Table 1. Paradise shelduck level of regulation constraint for an assessed population trend**

Paradise Long term trend	CONSTRAINT
Negative i.e. population declining	Restricted
Zero i.e. population stable	Intermediate
Positive i.e. population growing.	Relaxed

**Table 2. Paradise shelduck regulations for a given level of constraint**

Constraint	Area	Season Length (weeks)	Bag Limit
Restricted	A1 & A2	4	4
	B2 & B1 South of true right bank Uawa River Mouth	4	4
Intermediate	A1, A2	8	6
	B2 & B1 South of the true right bank Uawa River Mouth	8	10
Relaxed	A1, A2, B2 & B1 South of the true right bank Uawa River Mouth	10	10
	B1 North of the true right bank Uawa River Mouth	10	20
Fixed Season condition			

**Table 3. Paradise shelduck monitoring results showing percentage change (trends) over the last 15 years**

<b>Mean</b>	-2.96%	-5.20%	-5.90%	-0.96%
<b>SE</b>	4.19%	2.38%	2.88%	6.09%
<b>Area</b>	<b>A1</b>	<b>A2</b>	<b>B1</b>	<b>B2</b>
<b>SD</b>	19.22%	6.72%	12.53%	16.10%
<b>n</b>	21	8	19	7
<b><i>t</i>(0.05) (2) n-1</b>	2.0860	2.3646	2.1009	2.4469
<b>95% CI</b>	-	-	-	-
	11.09%	10.38%	11.41%	14.66%
<b>95% CI</b>	5.91%	0.28%	-0.04%	14.95%

CV	-1.4478	-0.4624	-0.4946	-6.5625
Total 2015	4510	2032	3360	1421
Total 2016	5399	2326	3445	1658

**Table 4. Recommended paradise shelduck regulations for the 2017 game season**

	A1	A2	B1	B2	B1 North of the true right bank Uawa River Mouth
Population Trend	Stable	Stable	Stable	Stable	Fixed
Season Length	8	8	8	8	10
Bag Limit	6	6	10	10	20

### Black swan

Monitoring of black swan indicate the population is fundamentally the same as last year resulting in the same regulations. Management Area B1 has had a relatively large increase in numbers but is still well below the threshold for holding a season. Criteria and results are given in Table 5 to Table 7.

**Table 5. Black swan level of regulation constraint for the population size and trend**

Black swan Population Size	Trend	Season Conditions
Low (below 1000)	Negative	Restricted
Low (below 1000)	Zero	Restricted
Low (below 1000)	Positive	Restricted
Moderate (between 1000 and 3000)	Negative	Intermediate
Moderate (between 1000 and 3000)	Zero	Intermediate
Moderate (between 1000 and 3000)	Positive	Relaxed
Greater than 3000	Negative	Relaxed
Greater than 3000	Zero	Relaxed
Greater than 3000	Positive	Relaxed

**Table 6. Black swan regulations for a given level of constraint**

Constraint	Area	Season Length (weeks)	Bag Limit
Restricted	All Areas	Nil	Nil
Intermediate	A1, A2 & B1	8	2
	B2	6	4
Relaxed	All Areas	16	No Limit

**Table 7. Black swan monitoring results showing percentage change (trends) over the last 15 years**

Area	A1	A2	B1	B2
Mean	-0.73%	-0.72%	27.60%	-1.78%
SE	1.77%	1.53%	24.49%	4.18%
SD	8.29%	5.07%	77.43%	13.22%
<i>n</i>	22	11	10	10
<i>t</i> (0.05) (2) <i>n</i> -1	2.0796	2.2281	2.2622	2.2622
95% CI	-4.31%	-4.05%	-26.67%	-10.65%
95% CI	2.99%	2.72%	122.03%	7.96%
CV	-2.4364	-2.1443	1.0052	-2.3924
Total 2016	7152	1852	64	380
Total 2017	8872	2404	282	733

**Table 8. Recommended black swan regulations for the 2017 game season**

Area	A1	A2	B1	B2
Season Condition	Relaxed	Intermediate	Restricted	Restricted
Season Length	16	8	Nil	Nil
Bag Limit	No Limit	2	Nil	Nil

## 1121 Lake Fisheries Creel Surveys

### Winter Creel Survey 2015-16

Analyses of the 2016 winter shoreline anglers survey data for the Rotorua lakes was completed and results are now available (see Agenda Item 13 and February 2017 PFI).

### Summer Creel Survey 2016-17

The Summer Angler Creel Surveys commenced in November 2016 and will continue through to April. To mid January 2017, 351 angler interviews were undertaken on 17 survey events across the four surveyed lakes. A total of 174 fish were presented for measuring. This number of contacts was slightly down compared to the same period during the 2015-2016 summer surveys (396 contacts from 20 surveys). Windy conditions have predominated over the early summer making it uncomfortable for anglers to venture into exposed areas of the lakes. Fishing has been harder through the early summer because of the wind and through fish being found at a range of water depths rather than forced into a tight thermocline band.

License holder contacts during the surveys have been highest on Lakes Tarawera and Rotoiti. Some solid fish in the 6-7 pound mark have been coming out of Rotoiti around the West Bank area (mid-western end), with rainbows reported up to 5.5kg. The summer stream mouth fly fishing around Lake Rotorua has been slow to start at the Hamurana and Awahou stream mouths. While some shoreline anglers have been talked to during compliance visits, numbers of anglers present are down markedly from mid January 2016. Windy conditions and a cooler than average start to summer have kept water temperatures from climbing above 20 degrees Celcius through to mid January. The rainbow trout in Lake Rotorua have not been forced to seek thermal refuge at or in the cooler inflows, and have continued to remain feeding in open water.

As such, trout caught from Lake Rotorua have been in good condition. Lake Tarawera fish have also exhibited improvements in condition factor for anglers following the opening period. There appears to have been a very good spring smelt spawning in Tarawera.

### 1122 Opening Day Angler Survey

The 2016-17 Opening Day Survey information has been analysed and report writing is underway.

### 1141 Hatchery Operations (11 November 2016 - 27 January 2017)

Most of the rainbow trout fry from the 2016 brood have been counted and moved into the outside rearing ponds in preparation for release.

The last spring liberations were completed and are shown in the table below, and fish were transported and liberated to the Hawke's Bay and Taranaki Fish & Game regions.

*Fish locations at January 27, 2017:*

Location	Type	Qty (approx)	Comment
Tank A	1+Brook	20	Brood
Tank B	0+Brown	2,000	Eastern liberations 2017
Tank C	0+Tiger	200	Eastern liberations 2017
Tanks 1-9	0+Rt	30,000	Eastern, 2017 liberations, orders & rising 2's
Pond 3	0+Rt	20,000	Spring liberations 2017
Pond 4	0+Rt	9,000	Autumn liberations 2017
Pond 5	0+Rt	9,000	Autumn liberations 2017
Pond 6	0+Rt	10,000	Autumn liberations 2017
Pond 7	0+Rt	10,000	Eastern and HB liberations 2016
Pond 9	1+Rt	4,000	Various for 2+ in 2017

### 1161 Sports Fish Liberations

*Liberations, Eastern Region 11 November 2016 - 27 January 2017*

Water	Date Liberated	Mark	Tag	Species	Age	Number
Ngapouri	20/12/2016	Rp		RT	1+	500
Ngaheua	16/12/2016	Rp		RT	1+	200
Okaro	16/12/2016	Rp		RT	1+	500
Tuai	14/12/2016	Rp		BT	1+	200
Tuai	14/12/2016	Rp		RT	1+	500
McLaren	7/12/2016	Rp		RT	1+	500
McLaren	7/12/2016			RT	2+	300
McLaren	7/12/2016	Rp		BT	1+	200
Ngongotaha Stream*	5/12/2016			RT	0+	83
Okataina	9/11/2016	Rp		RT	1+	500
Tarawera	9/11/2016	Rp		RT	1+	1000
Rotoiti	19/10/2016	Rp		RT	1+	6500
Okataina	13/10/2016	Rp		RT	1+	500
Rotoma	13/10/2016	Rp		Tiger	1+	391

*\*Raised by Ngongotaha school*

### **1171 Sports Fish Regulations**

The 2015-16 season provided a comprehensive review of the Anglers Notice (Eastern Region angling regulations). The 2016-17 season provides a gap year between the biennial reviews unless extraordinary or 'emergency' issues arise. This means the next review of the angling regulations will be undertaken during the 2017-18 season for the 2018-19 season.

Letters will be sent to clubs advising of the gap year and this will be advertised on the Eastern Region Fish & Game website. Council's intention to simplify the process will also be notified.

### **1172 Game Bird Regulations**

Game season recommendations were forwarded to National Office in late January.

## **HABITAT PROTECTION AND MAINTENANCE**

### **1211 RMA Planning**

#### **Gisborne District Council – Freshwater Advisory Group and Freshwater Plan**

Following the work of the Freshwater Advisory Group the Gisborne District Council notified its proposed freshwater plan in October 2015. Overall the notified plan is pretty good from a Fish & Game perspective, although a submission on a number of topics was lodged in December 2015 and further submissions lodged in February 2016. Hearings into these were concluded in December 2016, and we are now awaiting the release of decisions.

#### **Bay of Plenty Regional Council**

Bay of Plenty Regional Council has established a Regional Water Advisory Panel. This is a collaborative group with representatives from a wide range of sectors which has been set up to provide context and direction for how freshwater resources are managed in the Bay of Plenty. Community groups to consider catchment specific regulations have been established in three catchments. Fish & Game representatives have been accepted on each of them.

In late October 2016 Bay of Plenty Regional Council notified Proposed Plan Change 9 which addresses water quantity issues throughout the region. Submissions were lodged in mid December 2016. Submissions are now being summarised by the Regional Council, and are expected to be released for further submissions in April 2017.

### **1212 Consent Applications**

Date In	Authority	Applicant	Type	Resource Involved	Action
17-Nov-16	BOPRC	Gusto Ent Ltd	LUC- jetty replacement	Gisborne Point, Lake Rotoiti	S95E3A
21-Nov-16	BOPRC	Newson Family Trust	WP- micro hydro pump project	Waipapa Stream, Whakamarama	S95E3A
19-Dec-16	BOPRC	Peka Trust	LUC- new bridge install	Waitokomanga Stream, Rotorua	S95E3A

### **Consent of Note**

At the November Council meeting, Cr Alan Baird on behalf of the Wildfowlers, raised concerns about Mercury Energy's upper Waikato River ramping regime and whether resource consent conditions had been breached in late 2016. We have been researching this and are aware that a member of the public has also requested this information from the Waikato Regional Council. At the time of preparing this report we have yet to receive a definitive response to our enquiry but hope to have that information available at Council's upcoming meeting.

### **Lagarosiphon Meeting**

The last Steering Committee meeting was held at Aniwhaniwa Field Centre on 29 September 2016. The next meeting date has not yet been notified.

### **Koaro Monitoring**

A date for the next koaro restoration group meeting and further koaro monitoring sessions has yet to be set.

### **Ohau Channel Water Quality Diversion Wall Consent**

The water quality diversion wall at placed in Lake Rotoiti at the outlet of the Ohau Channel is up for re-consenting in 2017. The diversion wall was constructed to divert nutrient rich Lake Rotorua water away from Rotoiti and out to sea via the Kaituna River. Construction was completed in 2008. A number of other initiatives to improve Rotorua's water quality have also been implemented including alum dosing to bind phosphorus (P) and reduce nutrients available for algal growth. Both Rotoiti and Rotorua have improved in terms of water quality over this time. Alum dosing is not seen as a long term fix for Rotorua as it involves the addition of large amounts of chemical to the water. There have been changes in the Rotorua, Rotoiti and Ohau Channel fisheries over this time. They cannot be directly attributed to the wall as a causative factor due to the interplay of other factors. It is important that the wall remain in place for a further period to ensure Rotoiti's water quality doesn't suffer should Rotorua deteriorate once more. This could occur quickly if interventions such as the alum dosing be stopped before other interventions such as land use change and nutrient limitation be adopted and take effect. Final engineering reports are being undertaken prior to the installation of fish passes to go into the wall at the site of the old delta area. This is seen as a positive outcome by anglers who have advocated for the inclusion of fish passes since the wall was constructed.

## **1221 Reserves Management**

Summer 2016/17 reserve maintenance works continue with mowing access tracks occurring in all wetland reserves, and water reticulation works scheduled to be undertaken in the Awaiti WMR in early February. Access road maintenance will be undertaken within Awaiti at the same time.

Illegal access issues have arisen in the Kapenga WMR, with gate locks being smashed and illegal hunting (pig?) occurring. We have been working with the Kapenga Trust farm manager to allow hunters access via a Fish & Game padlock system which he is happy with, but will limit some ease of access to this wetland. Ongoing vandalism has occurred since this padlock system has been installed and ongoing monitoring will be necessary.

Restoration of Lakes Ngapouri and Tutaeinanga has commenced with approaches to adjoining landowners to discuss proposed works and financial contributions. Farm neighbours have



been supportive with two approving new fencing this financial year, the other preferring to defer fencing until the next financial year. One life styler with property adjoining Lake Tutaeinanga has expressed disfavour and at this stage is not prepared to contribute financially. We will continue to work with this landowner over the period of the project to encourage financial contributions. Boundary surveying is to occur February with fencing commencing in April this year. We will keep the Council updated on progress with this multi party restoration project.

DOC has been provided with a Fish & Game draft version of a Management Agreement and we await their feedback on this. A meeting is scheduled for late February to discuss the draft and other issues relating to the jointly managed/gazetted Crown owned wetlands within the Eastern Region. Agreement has been reached in principle but working out the final written agreement detail is taking a little longer than anticipated.

### **Awakaponga WMR**

The Awakaponga WMR solar water pump system has had all its components re-connected following the theft of some of this equipment last year. Teething problems have been experienced but electricians are currently re-programming the system to enable pumping of water into the wetland to recommence (early Feb 2017). We will install time lapse cameras to monitor water inputs into the wetland. Security has been substantially improved to reduce the risks of further break ins.

### **Kaituna WMR**

No additional news to report on the Bay of Plenty Regional Council Lower Kaituna wetland enhancement or expansion project. Monitoring of water levels, flows and salinity is ongoing but the hydrological modelling draft remains in the hands of consultants and no designs or specifications have been sighted as yet.

## **1231 Maintain and Enhance Game Bird Habitat**

### **Landowner Information**

Two new landowner requests have been received since the last Council meeting. One is based in Wairoa and Hawke's Bay staff have agreed to visit the landowner owner in early February to provide advice and report back to us. The second landowner is located close to Te Puke and a site visit is planned for mid February.

As a result of large rainfall events in late 2016, significant slips occurred in the upper Ngongotaha Stream catchment resulting in large volumes of sediment being deposited into the stream bed. Adjoining stream owners were not gaining traction with BOPRC land management staff but a landowners working group has since been established. Fish & Game was invited to contribute and subsequently has provided advice and made our boardroom available for meetings. Two meetings have taken place and a third is scheduled in mid February. BOPRC and Rotorua Lakes Council are providing specialised staff to assist to with both short and long term solutions to land owners directly affected, and are now working with others with similar issues. Fish & Game will continue to host meetings and participate in the process to ensure the welfare of this significant fishery is maintained.

## **ANGLER AND HUNTER PARTICIPATION**

### **1311 Maintain & Enhance Access**

Annual access track and access point maintenance has been carried out on the Waioeka and Waikaretaheke Rivers, and is continuing in the Rangitaiki River system within Kaingaroa Forest.

Work in other areas is pending.

The new brochure covering the Waiau, Waikaretaheke, Hangaroa and Wairoa River systems has been printed and distributed, and available from this office.

An access issue at one of the Putere Lakes which we have referred to DOC Gisborne is being followed up. The issue involves a DOC marginal strip and an adjacent landowner attempting to control access to the lake. We are waiting for advice from DOC as to the outcome.s.

### **1313 Hunter Ballots**

Letters were sent to ballot holders in late December and a briefing meeting will be held at our Paradise Valley office on 11 January for those who have not previously attended one of these meetings.

### **1331 Electronic Newsletters**

Reel Life was produced for November, December and January covering prospects and fishing news, liberations, boat fishing tuition, 1 December opening and regulations.

### **1333 Fish & Game Website**

Updates or changes to the Eastern Web site included Council agendas and minutes, compliance news, lakes health warnings (2), Waikaremoana news, liberations, brown trout runs, Tarawera camping, forest access update, boat fishing tuition, and Lake Rotorua fish condition. Our Twitter account has 422 followers and received 16,800 impressions for the reported period.

Fishing prospects were added to the web for the period and numerous reports featured on Twitter.

### **1341 Information Pamphlets**

The new Gisborne/Wairoa fisheries brochure was received back from the printers and a re print of the Rotorua Lakes fishery has been run.

### **1351 Children's Fishing Programme**

One children's fishing event was held for the period.

### **1352 Angler Hunter Training**

A public boat fishing tuition was held at Tarawera in January. Approximately 60 people attended and favourable comments were received from attendees.

The 2017 duck hunters training day has been set for 23 April at the Lower Kaituna WMR. The theme is to be similar to the 2012 event and will focus on how to be more successful at attracting and hunting ducks. A junior's competition will again be run with the winner receiving a shotgun sponsored by Kilwell. Other sponsors for the day include Cupped Wings Calls, Broncos Outdoors, Hamills, Hunting & Fishing, Stoney Creek, and Cookes Ropes Group.

### **1354 Fishing Competitions**

Seven fishing competition permits were processed for the period.

### **1361 Fish & Game Club Communications**

No club meetings were attended for the period.

### **1371 Fish & Game Huts**

Waikaremoana Hut – routine maintenance was carried out and further work is scheduled.  
Wairua Hut – routine maintenance scheduled.

## **PUBLIC INTERFACE**

### **1411 Statutory Liaison**

The Regional Manager and Council Chair Murray Ferris attended an opening ceremony for the recently constructed Te Wharehou facility at Waikaremoana on 23 December. The hui was hosted by the Waikaremoana Tribal Authority and attended by Te Urewera Board members, Te Uru Taumatua staff and tangata whenua, senior managers and governors of Hawke's Bay Regional Council and Gisborne District Council, and various others.

### **1421 Public Communications**

#### **Ballance Farm Environment Awards**

The Bay of Plenty Ballance Farm Environment awards were set up to celebrate the achievements of entrants from the Bay of Plenty farming community who are working towards sustainability within their lifestyle and farming operations. Eastern Region Fish & Game has had an involvement with the farm environment awards for many years with Matt McDougall being a judge for the current round. The awards ceremony for 2016 will take place on Friday 24 February 2017 at the ASB Arena, Bay Park, Tauranga.

#### **Media Releases**

Seven media releases were sent out to mainstream media over this period and in addition, some feature articles successfully achieved some wide coverage via fishing magazines.

Grant Dyson, responding to a request from the Tauranga-based NZME Communities Editor, wrote a feature on fishing in the Western Bay of Plenty for use in the company's smaller papers. These included Te Puke Times, Katikati Adviser, Waihi leader and Coastal News.

This feature was also provided to the outdoor newspaper The Adventurer (circulation 10,000).

A second feature written in conjunction with and quoting Mark Sherburn, was titled *What a trout's tag or 'fin clip' tells us*. It was sent to The Adventurer and The Fishing Paper, whose editor has reported its publication was well received.

A media release on the latest poaching case distributed in November was widely used by Tauranga and Rotorua media. It covered the seizure by Eastern staff of a gaff and home-made spears.

A release was also written with John Meikle's assistance to mark the visit by NZ's top duck calling champions to U.S. to compete in the world Waterfowl Calling Champs.

Other releases focused on topics such as the December 1 opening of Lake Rotorua tributaries, which achieved a 'cover story' in the Rotorua Review newspaper, and the opening of East Coast rivers with Council Chairman Murray Ferris quoted on the prospects for rivers such as the Waioeka.

In January, in a bid to inject some positive notes into all the media stories about windy and cooler summer weather, a release was sent out on "solid fish" being caught in Lake Rotorua in spite of the tricky conditions. This emphasised the outstanding quality and condition of the fish being caught.

Grant Dyson also worked with Anthony van Dorp to edit the Compliance Corner newsletter that covers the work of Fish & Game rangers around the country, and Jenn Sheppard on an update of the mallard research work for the next game bird edition of Fish & Game's magazine.

## **1451 Education**

One hatchery tour was undertaken by a Rotorua Lakes High School group in December.

## **COMPLIANCE**

### **1511 Compliance**

Late spawning activity in the Rotorua catchment was generally concluded by about mid December, along with associated poaching incidents. Covert camera operations had recorded a number of persons in and around smaller spawning streams. These persons were mostly youths who were largely unable to be unidentified, and they appeared to have had limited success. Of note most were in possession of knives or other implements, and most were in groups.

The upper Ngongotaha, Waiteti, and Utuhina Streams opened on 1 December. A ranging operation was conducted on these streams on opening day, with no issues found with the anglers who were located and checked. Most were also enjoying a reasonable amount of success.

Compliance activities in December through to date have focused on the Rotorua Lakes with surveys and compliance checks, as well as at Lake Waikaremoana (where one unlicensed angler was found in early January) as well as ranging in the outlying river systems and more remote areas of the region.

Regular checks have been made at the Lake Rotorua stream mouths and monitoring is ongoing. The Awahou Stream and mouth was regularly visited in particular now that the closed water status within the Awahou Stream is now in place.

Signage is in place at the Awahou to reinforce the regulation change, and as of mid January there have been no issues at that location (although few if any trout had moved into the Awahou Stream at that time due to a slow start to the summer conditions in Lake Rotorua with the lake remaining at cooler temperatures).

Regular visits are also being made to other areas including the Hamurana and Waiteti Streams. To date fishing at these stream mouths has been very slow due to the cooler and windy weather, and few if any trout have moved into the streams themselves which has meant we have had no compliance problems at these locations to date either (late January).

Planning processes have commenced for the next game bird hunting season ranging operations.

Liaison and cooperation with Police continues.

Overall compliance rate is in excess of 98 %.

#### **Contacts Year to Date**

Contacts year to date are at 1285 angler contacts.

#### **Contacts: Year 2016-2017 to 31/12/2016.**

<b>Month</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>Last 5 yr average</b>
September	82	66	50	59	29	57
October	997	984	960	1223	901	1013
November	129	175	112	20	62	100
December	598	387	392	293	291	392
January	497	355	381	335		392
February	234	151	395	418		300
March	300	279	275	253		277
April	195	299	264	53		203
May	516	446	498	272		433
June	209	325	203	277		254
July	120	79	120	107		107
August	131	77	76	42		82
<b>Total</b>	<b>4008</b>	<b>3623</b>	<b>3726</b>	<b>3352</b>	<b>1285</b>	<b>3818</b>

## 1521 Ranger Training

Our Eastern Region rangers continue to make a valuable contribution across the region, both in ranging effort and in assistance to staff.

### North Island/National CLE role

This role continues with Anthony Van Dorp providing ongoing input into CLE/training/prosecutions and legal matters.

## 1531 Prosecution of Offenders

### Prosecutions

Currently nine offenders have offences pending resolution, details as per the table below.

Five of these offenders have warrants to arrest either in lieu of summons or for failing to appear in court. The other four matters are pending court prosecution processes.

### Offences Year to Date 2016-2017 Year

For the year 2016- 2017 year to date we have dealt with 18 persons for 39 offences as tabled below.

#### *Offence Table 2016-2017 year (to 23 January 2017)*

<b>Offence name</b>	<b>Number of offences</b>
Fish without licence	8
Fish without licence – aid and abet	2
Fish closed waters	11
False details	1
Disturb spawning gravels	6
Take sports fish with net, spear, gaff or device.	7
Fish with more than 1 rod	1
Hunt without licence	1
Hunt during closed season	1
Trap/snare game bird	1
<b>Total</b>	<b>39</b>

### Pending Resolution

To date (23/01/2017) 23 separate offences are pending resolution, by nine offenders.

#### *The table below shows offences currently pending resolution (as at 23/01/2017):*

<b>Offence name</b>	<b>Numbers</b>
Fish without licence	9
Illegal tackle	2
Possess spear-gaff	4
Fish closed waters	6
False details	2
<b>Total</b>	<b>23</b>

## **LICENSING**

### **1613 National Licence Management**

Kate Thompson has continued to supply national sales reports for regions and the New Zealand Council. Minimal input has been provided over the holiday break.

### **1621 Licence Agent Support**

Staff continue to provide support to agents as required and through store visits delivering brochures.

## **ADMINISTRATION**

### **1920 Annual Leave**

Staff annual leave accruals are reported each month. Due to employment anniversary dates, the leave accruals for individuals vary depending on the time of the year. We have established leave for individual staff as at 22 January 2017. We currently have four staff members two weeks behind where we would like them to be, and two staff members one week behind. The remainder are in a neutral leave position.

## 15.2 HEALTH AND SAFETY REPORT

Ref: 9.01.07

3 February 2017

### 1. Background

As part of its commitment to Health and Safety and providing a safe workplace, the Eastern Fish and Game Council is provided with a report at each meeting describing:

1. Implementation and adherence to the Health and Safety policy/manual – including Health and Safety as an agenda item for staff & 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. Health and Safety incidents – near misses or injuries sustained, plus updates on past events;
6. Recommendations.

### 2. December 2016/January 2017 Update

#### **1. Implementation and Adherence to the Health and Safety Plan**

Staff are still working through the latest version of the new Health and Safety Plan and several have made some good suggestions for amendments. Once the Plan has been read by all staff we will discuss these suggestions at a staff meeting and incorporate where appropriate.

Weekly staff meetings have Health and Safety on the agenda as a standard item. Staff are given an opportunity to raise any issues, and as a team we develop procedures to minimise the risks of such. Any new risks are included in the weekly email so that all staff are aware of the risk should they be absent from the weekly meeting.

Staff are communicating with the Office to let the office know that they are safe and/or on the way back to the Office. In addition staff are utilising the "staff whereabouts" board to help monitor where staff are on a daily basis.

Staff had further discussions with the Regional Manager via one on one meetings to discuss variations to their contracts to include reference to General Health and Safety obligations and Drug and Alcohol testing. Discussions included Use of Vehicle considerations and Health and Safety matters such as driver fatigue.

Staff are for the most part becoming more accustomed to giving thought to the need to prepare Health & Safety plans for field trips prior to embarking on such, and most recently a tailgate form was developed for duck banding operations.

All new casual staff undertaking field work have been given a Health & Safety induction.



## 2. Monitoring and Reporting

### Work Place Accident Register

*As at 3 February 2017*

Number of workplace injuries in 2016-2017 year	0
Number of workplace injuries in 2015-2016 year	1
Number of workplace injuries in 2014-2015 year	1
Number of workplace injuries in 2013-2014 year	3
Total number of workplace injuries since 1 Sept 1995	29
Total number of days lost work injuries since 1 Sept 1995	1
Total number of days since last lost work injury (7/12/13)	1,154
Total number of days prior to last lost work injury since 1 Sept 1995	6,672

## 3. Risk Management (identification and treatment)

Tailgate forms were prepared for Ranging on Stream Opening 1 Dec, Maimai Removal, and Duck Banding.

New PPE purchased (steel capped boots x 1, gloves, ear muffs, safety glasses, sunscreen)

## 4. Training Programme

Three staff members undertook a chainsaw training course in December.

## 5. H&S Incidents

No notifiable (serious harm) incidents to report.

## 6. Recommendation

That Council acknowledges it has received this report.

## 15.3 Finance Report

Ref: 8.03.01

2 February 2017

### 1. Purpose

To inform the Council of the current financial position, and approve payments for the months of November and December 2016.

### 2. YTD Profit and Loss

The Profit & Loss statement for the two months ending 31 December 2016 is attached. This report documents the income and direct expenditure for the period.

#### *Income*

With almost all licence sales now being made electronically it is easier to compare licence sales YTD in dollar terms. When compared to the same time last year licence income is \$5,673 down which is in line with the current licence sales reports. Licence sales by category and LEQ are reported in detail within the licence sales report and will provide a more accurate picture of licence sales YTD.

Revenue from other sources over the period was made up of the following: sale of fish to other regions (\$17,088), fishing competitions (\$743), children's fishing (\$427), reparation for children's fishing (\$609), rentals (\$2,822), tours (\$30), donations (\$45) and fines (\$676). Funds were also received from the New Zealand Council for Carmel Veitch's work on health & safety and financial reporting (\$705), and Hawkes Bay Fish & Game for management and field services (\$16,852). Interest income totalled \$1,189 for the period.

#### *Species Management*

Within the Population Monitoring budgets expenses are reported in December relating to the purchase of maize, bands, and cable ties for the banding project. Minor staff expenses are also reported relating to Waikaremoana survey work. Within budget YTD.

The most significant expense reported within the Hatchery output was for fish food (\$3,213). Other expenses are reported relating to liberation tank repairs, safety boots, a water test kit, an oxygen flow meter, and vehicle maintenance and registration. The standard electricity, oxygen, and fuel expenses are also reported. Within budget YTD.

#### *Habitat*

Reserves spending for the period was significant and related to:

- Track maintenance and pumice - Kaituna \$1,500
- Awakaponga solar power reinstatement \$6,667 (funded by insurance claim)
- BOPRC project digger works - Kaituna scrapes \$10,000 (funded by BOPRC)
- Pest plant control - Awakaponga and Orini \$1,200
- Maintenance materials \$203

Assisted habitat spending related to willow poisoning and excavator works at the Simpson Ruatawiri wetland which has been funded by the Waikato Catchment Ecological Enhancement Trust (\$3,400).

### ***Participation***

Access budget expenditure is reported relating to postage for the hunter ballots, Awahou signs and materials, food, accommodation and wages for Waioeka access track maintenance, and contract track maintenance on the Whaeo. Within budget YTD.

### ***Public Interface***

Expenses are reported under the Visitor Facilities budget relating to cleaning and a new security chain for the roadside fence. Within budget YTD.

### ***Compliance***

The Compliance expenses for the period related the 0800 Poaching service, and legal fees associated with prosecutions. Within budget YTD.

### ***Licensing***

The fees associated with the 0800 and Internet sales are included within the commission expenditure and are within budget YTD.

### ***Council***

Travel expenses are reported in December relating to the December meeting of Council. Within budget YTD.

### ***Planning***

The AGM advertising and catering, and audit fees are reported within the period. Within budget YTD.

### ***Administration***

Notes on individual areas:

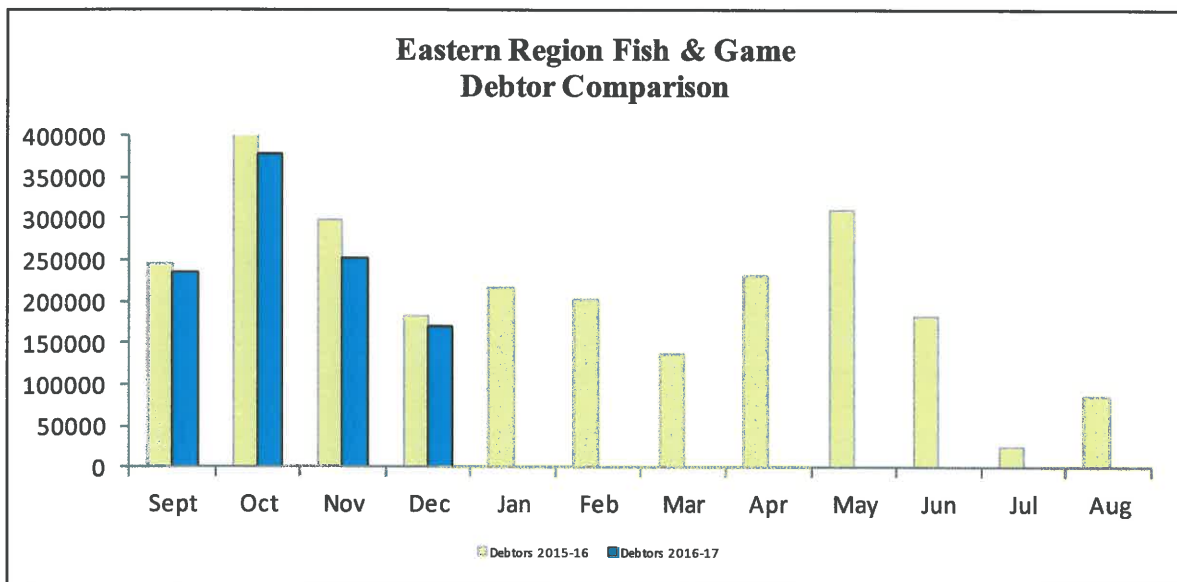
Salaries	Within budget YTD
Staff Expenses	A negative is shown within the staff expenses budget for November and this relates to reimbursement of funds resulting from the cancellation of a chainsaw course (\$720). Other staff expenses related to safety equipment (\$174), staff clothing (\$292), meals (\$93), and end of year staff activity and BBQ (\$363). Within budget YTD.
Staff Houses	Smoke alarms were purchased for the staff quarters. Within budget YTD.
Office Premises	The standard expenses relating to rubbish removal, electricity, cleaning, and security are reported. Materials were also purchased for installation of carport spouting. Within budget YTD.
Office Equipment	The cost of replacement cabinet keys and the monthly expense relating to the phone and eftpos leases are reported. Within budget YTD.
Communications/ Consumables	Communications expenses for the period included phones, broadband, stationery, and photocopying. Computer expenses are reported relating to IT services for email and antivirus. Within budget YTD.
General	Expenses are reported for staff morning teas and bank charges. Within budget YTD.
General Equipment	Equipment maintenance expenses for the period included, painting of, sign writing, and trailer repairs for Parera (\$2,138), repairs and a winch rope for Whio (\$212), tyres and brake fluid

	for the transport trailer (\$328), a puncture repair, and minor equipment purchases. The standard fuel expenses were also incurred. Within budget YTD.
Vehicles	Vehicle expenses for the period included servicing of two vehicles (\$792), magnetic door signs (\$150), a puncture repair, insurance for a new vehicle (\$356), registration for three vehicles (\$698), and the standard fuel expense. Within budget YTD.

**Cash Position:** \$1,122,736 (includes \$103,683 for asset replacement reserve and \$451,248 for Waikaremoana Fund) as at 31 December 2016.

**Debtors:** Outstanding Debtors \$170,487 as at 31 December 2016 (\$182,395 as at 31 December 2015).

Eastern Region Fish and Game - Debtors Comparison 2015/16 – 2016/17



The Region's debtors as at 31 December consisted primarily of licence sales. There are no concerns identified within the debtors ledger at this time.

**3. Variance Report**

The variance report is shown on the following two pages. YTD actual including staff hours are entered for each project area to provide Council with an overview of the staff time component of the Operational Work Plan.

**2016/2017 REPORT OF VARIANCES BETWEEN TOTAL BUDGET AND YEAR TO DATE ACTUAL EXPENDITURE AND INCOME**

**As at 31 December 2016**

Schedule & Code	Project	EXTERNAL COSTS		HOURS		INTERNAL COST		NETABLE INCOME		NET COST		NET COST %
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	
1110	Species Monitoring	\$ 35,100	\$ 2,877	2,494	458	\$ 141,520	\$ 26,155	\$ 17,000	\$ -	\$ 159,620	\$ 29,032	18.2
1120	Harvest Assessment	\$ 2,150	\$ 614	886	385	\$ 48,573	\$ 21,972	\$ -	\$ -	\$ 50,723	\$ 22,586	44.5
1140	Hatchery Operations	\$ 66,150	\$ 39,464	2,809	982	\$ 159,394	\$ 56,051	\$ 78,500	\$ 31,027	\$ 147,044	\$ 64,488	43.9
1150	Game Farm	\$ -	\$ -	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0
1160	Releases	\$ 500	\$ -	200	88	\$ 11,349	\$ 5,040	\$ -	\$ -	\$ 11,849	\$ 5,040	42.5
1170	Regulations	\$ -	\$ -	96	27	\$ 5,447	\$ 1,528	\$ -	\$ -	\$ 5,447	\$ 1,528	28.0
1180	Control	\$ 200	\$ -	64	3	\$ 3,632	\$ 171	\$ -	\$ -	\$ 3,832	\$ 171	4.5
	<b>TOTAL - SPECIES MANAGEMENT</b>	<b>\$ 104,100</b>	<b>\$ 42,955</b>	<b>6,519</b>	<b>1,942</b>	<b>\$ 369,915</b>	<b>\$ 110,918</b>	<b>\$ 95,500</b>	<b>\$ 31,027</b>	<b>\$ 378,515</b>	<b>\$ 122,845</b>	<b>32.5</b>
1210	Resource Management Act	\$ 200	\$ -	1,215	461	\$ 68,944	\$ 26,312	\$ -	\$ -	\$ 69,144	\$ 26,312	38.1
1220	Works & Management	\$ 49,748	\$ 23,868	1,038	443	\$ 58,900	\$ 25,313	\$ 41,248	\$ 36,685	\$ 67,400	\$ 12,486	18.5
1230	Assisted Habitat	\$ 9,400	\$ 3,400	970	197	\$ 55,042	\$ 11,250	\$ -	\$ 3,400	\$ 64,442	\$ 11,250	17.5
1240	Assess & Monitor	\$ -	\$ -	120	7	\$ 6,809	\$ 414	\$ -	\$ -	\$ 6,809	\$ 414	6.1
	<b>TOTAL - HABITAT PROTECTION &amp; MAN</b>	<b>\$ 59,348</b>	<b>\$ 27,268</b>	<b>3,343</b>	<b>1,108</b>	<b>\$ 189,696</b>	<b>\$ 63,290</b>	<b>\$ 41,248</b>	<b>\$ 40,095</b>	<b>\$ 207,796</b>	<b>\$ 50,462</b>	<b>24.3</b>
1310	Access	\$ 7,000	\$ 3,246	714	315	\$ 40,515	\$ 17,989	\$ -	\$ -	\$ 47,515	\$ 21,235	44.7
1330	Newsletters	\$ 13,000	\$ 8,080	409	35	\$ 23,208	\$ 1,970	\$ -	\$ -	\$ 36,208	\$ 10,050	27.8
1340	Other Publications	\$ 2,000	\$ -	102	23	\$ 5,788	\$ 1,285	\$ -	\$ -	\$ 7,788	\$ 1,285	6.503
1350	Training	\$ 1,350	\$ -	1,012	282	\$ 57,425	\$ 16,076	\$ 13,500	\$ 2,940	\$ 45,275	\$ 13,136	29.0
1360	Club Relations	\$ -	\$ -	120	29	\$ 6,809	\$ 1,656	\$ -	\$ -	\$ 6,809	\$ 1,656	24.3
1370	Huts	\$ 1,450	\$ 296	36	0	\$ 2,043	\$ -	\$ 400	\$ 91	\$ 3,083	\$ 204	6.6
	<b>TOTAL - ANGLER &amp; HUNTER PARTICIP</b>	<b>\$ 24,800</b>	<b>\$ 11,622</b>	<b>2,393</b>	<b>683</b>	<b>\$ 135,789</b>	<b>\$ 38,976</b>	<b>\$ 13,900</b>	<b>\$ 3,031</b>	<b>\$ 146,689</b>	<b>\$ 47,566</b>	<b>32.4</b>
1410	Liaison	\$ -	\$ -	216	69	\$ 12,257	\$ 3,940	\$ -	\$ -	\$ 12,257	\$ 3,940	32.1
1420	Communication	\$ 500	\$ -	289	35	\$ 16,399	\$ 1,970	\$ -	\$ -	\$ 16,899	\$ 1,970	11.7
1440	Public Promotions	\$ 3,500	\$ 715	172	126	\$ 9,760	\$ 7,181	\$ -	\$ -	\$ 13,260	\$ 7,896	59.5
1450	Visitor Facilities/Education	\$ 1,000	\$ 548	634	316	\$ 35,976	\$ 18,017	\$ -	\$ -	\$ 36,976	\$ 18,566	50.2
	<b>TOTAL - PUBLIC INTERFACE</b>	<b>\$ 5,000</b>	<b>\$ 1,263</b>	<b>1,311</b>	<b>545</b>	<b>\$ 74,392</b>	<b>\$ 31,109</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 79,392</b>	<b>\$ 32,372</b>	<b>40.8</b>
1510	Ranging	\$ 2,100	\$ 140	981	259	\$ 55,866	\$ 14,791	\$ -	\$ -	\$ 57,766	\$ 14,931	25.8
1520	Ranger Training	\$ 1,000	\$ 73	108	18	\$ 6,128	\$ 1,028	\$ -	\$ -	\$ 7,128	\$ 1,101	15.4
1530	Compliance Prosecutions	\$ 5,500	\$ 817	348	75	\$ 19,747	\$ 4,283	\$ 6,000	\$ 1,267	\$ 19,247	\$ 3,833	19.9
	<b>TOTAL - COMPLIANCE</b>	<b>\$ 8,600</b>	<b>\$ 1,029</b>	<b>1,437</b>	<b>352</b>	<b>\$ 81,541</b>	<b>\$ 20,102</b>	<b>\$ 6,000</b>	<b>\$ 1,267</b>	<b>\$ 84,141</b>	<b>\$ 19,865</b>	<b>23.6</b>
1610	Licensing	\$ 800	\$ -	378	203	\$ 21,449	\$ 11,564	\$ -	\$ -	\$ 22,249	\$ 11,564	52.0
1620	Agent Servicing	\$ -	\$ -	204	44	\$ 11,576	\$ 2,484	\$ -	\$ -	\$ 11,576	\$ 2,484	21.5
	<b>TOTAL - LICENSING</b>	<b>\$ 800</b>	<b>\$ -</b>	<b>582</b>	<b>246</b>	<b>\$ 33,025</b>	<b>\$ 14,049</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 33,825</b>	<b>\$ 14,049</b>	<b>41.5</b>
1710	Council Elections	\$ -	\$ -	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0
1720	Council Meetings	\$ 10,000	\$ 2,923	772	213	\$ 43,806	\$ 12,135	\$ -	\$ -	\$ 53,806	\$ 15,058	28.0
	<b>TOTAL - COUNCILS</b>	<b>\$ 10,000</b>	<b>\$ 2,923</b>	<b>772</b>	<b>213</b>	<b>\$ 43,806</b>	<b>\$ 12,135</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 53,806</b>	<b>\$ 15,058</b>	<b>28.0</b>
1810	Management Planning	\$ -	\$ -	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0
1820	Annual Planning	\$ -	\$ -	180	13	\$ 10,214	\$ 714	\$ -	\$ -	\$ 10,214	\$ 714	7.0
1830	Reporting/Audit	\$ 9,400	\$ 7,410	514	224	\$ 29,166	\$ 12,792	\$ -	\$ -	\$ 38,566	\$ 20,202	18.364
1840	National Liaison	\$ 250	\$ 9	284	76	\$ 16,115	\$ 4,340	\$ -	\$ -	\$ 16,365	\$ 4,349	26.6
	<b>TOTAL - PLANNING/REPORTING</b>	<b>\$ 9,650</b>	<b>\$ 7,419</b>	<b>978</b>	<b>313</b>	<b>\$ 55,496</b>	<b>\$ 17,846</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 65,146</b>	<b>\$ 25,265</b>	<b>38.8</b>
		\$ 222,298	\$ 94,478	17,335	5,401	\$ 983,660	\$ 308,425	\$ 156,648	\$ 75,421	\$ 1,049,310	\$ 327,482	31.2





**Profit & Loss**  
**Eastern Fish and Game Council**  
**For the period ended 31 December 2016**

	Nov-16	Dec-16	YTD Actual	Total Budget	Variance	Var %
<b>Income</b>						
Licence Income	144136	131582	844303	1401057	-556754	-39.7%
Other Income	38437	6674	104121	240560	-136439	-56.7%
<b>Total Income</b>	<b>182572</b>	<b>138256</b>	<b>948423</b>	<b>1641617</b>	<b>-693194</b>	<b>-42.2%</b>
<b>Less Operating Expenses</b>						
Depreciation	5498	5781	22445	70202	-47757	-68.0%
Loss on Disposal	0	0	0	2812	-2812	-100.0%
<b>1100 SPECIES MANAGEMENT</b>						
1110 Population Monitoring	173	2703	2877	35100	-32223	-91.8%
1120 Harvest Assessment	0	0	614	2150	-1536	-71.5%
1140 Hatchery Operations	4660	1943	39464	66150	-26686	-40.3%
1160 Releases	0	0	0	500	-500	-100.0%
1180 Control	0	0	0	200	-200	-100.0%
<b>Total 1100 SPECIES MANAGEMENT</b>	<b>4833</b>	<b>4647</b>	<b>42955</b>	<b>104100</b>	<b>-61145</b>	<b>-58.7%</b>
<b>1200 HABITAT PROTECTION/MANAGEMENT</b>						
1210 Resource Management	0	0	0	200	-200	-100.0%
1220 Works & Management	18187	1383	23868	49748	-25880	-52.0%
1230 Assisted Habitat	3400	0	3400	85400	-82000	-96.0%
<b>Total 1200 HABITAT PROTECTION</b>	<b>21587</b>	<b>1383</b>	<b>27268</b>	<b>135348</b>	<b>-108080</b>	<b>-79.9%</b>
<b>1300 PARTICIPATION</b>						
1310 Access	419	1689	3246	7000	-3754	-53.6%
1330 Newsletters	0	0	8080	13000	-4920	-37.8%
1340 Other Publications	0	0	0	2000	-2000	-100.0%
1350 Training	0	0	0	1350	-1350	-100.0%
1370 Huts	84	76	296	1450	-1154	-79.6%
<b>Total 1300 PARTICIPATION</b>	<b>503</b>	<b>1765</b>	<b>11622</b>	<b>24800</b>	<b>-13178</b>	<b>-53.1%</b>
<b>1400 PUBLIC INTERFACE</b>						
1420 Communication	0	0	0	500	-500	-100.0%
1440 Public Promotions	0	0	715	3500	-2785	-79.6%
1450 Visitor Facilities/Education	27	325	548	1000	-452	-45.2%
<b>Total 1400 PUBLIC INTERFACE</b>	<b>27</b>	<b>325</b>	<b>1263</b>	<b>5000</b>	<b>-3737</b>	<b>-74.7%</b>
<b>1500 COMPLIANCE</b>						
1510 Ranging	35	35	140	2100	-1960	-93.3%
1520 Ranger Training	0	0	73	1000	-927	-92.7%
1530 Compliance	0	178	817	5500	-4683	-85.2%
<b>Total 1500 COMPLIANCE</b>	<b>35</b>	<b>213</b>	<b>1029</b>	<b>8600</b>	<b>-7571</b>	<b>-88.0%</b>
<b>1600 LICENSING</b>						
1610 Licence Production	0	0	0	800	-800	-100.0%
1630 Commission	5322	5630	31094	70053	-38959	-55.6%
<b>Total 1600 LICENSING</b>	<b>5322</b>	<b>5630</b>	<b>31094</b>	<b>70853</b>	<b>-39759</b>	<b>-56.1%</b>
<b>1700 COUNCILS</b>						
1720 Council Meetings	0	767	2923	10000	-7077	-70.8%
<b>Total 1700 COUNCILS</b>	<b>0</b>	<b>767</b>	<b>2923</b>	<b>10000</b>	<b>-7077</b>	<b>-70.8%</b>

**Profit & Loss cont...**  
**Eastern Fish and Game Council**  
**For the period ended 31 December 2016**

	Nov-16	Dec-16	YTD Actual	Total Budget	Variance	Var %
<b>1800 PLANNING/REPORTING</b>						
1830 Reporting/Audit	727	8543	7410	9400	-1990	-21.2%
1840 National Liaison	0	0	55823	223507	-167684	-75.0%
<b>Total 1800 PLANNING/REPORTING</b>	<b>727</b>	<b>8543</b>	<b>63233</b>	<b>232907</b>	<b>-169674</b>	<b>-72.9%</b>
<b>1900 ADMINISTRATION</b>						
1910 Salaries	69065	72650	286458	895330	-608872	-68.0%
1920 Staff Expenses	-520	723	1837	26400	-24563	-93.0%
1930 Staff Houses	1	60	2414	6220	-3807	-61.2%
1940 Office Premises	1243	973	7771	20100	-12329	-61.3%
1950 Office Equipment	207	194	1078	3900	-2822	-72.4%
1960 Communications	1270	1363	6309	21000	-14691	-70.0%
1970 General	126	166	6513	8620	-2107	-24.4%
1980 General Equipment	2567	675	7668	17000	-9332	-54.9%
1990 Vehicles	2867	4616	15486	50700	-35214	-69.5%
<b>Total 1900 ADMINISTRATION</b>	<b>76826</b>	<b>81420</b>	<b>335533</b>	<b>1049270</b>	<b>-713737</b>	<b>-68.0%</b>
<b>Total Operating Expenses</b>	<b>115359</b>	<b>110475</b>	<b>539365</b>	<b>1713892</b>	<b>-1174527</b>	<b>-68.5%</b>
<b>Net Profit</b>	<b>67214</b>	<b>27780</b>	<b>409059</b>	<b>-72275</b>	<b>481334</b>	<b>666.0%</b>



## 15.5 Licence Sales Report

Ref: 6.01.05

3 February 2017

### 1. Introduction

This report provides an overview of licence sales for the 2016-2017 season year to date. The following tables and charts show a comparison of sales between the 2016-2017 season and the 2015-2016 season as at 31 January. A complete summary of sales performance for the 2015-16 Season is provided within the February Papers for Information.

### 2. 2016-2017 Fish Licence Sales (Table One)

- 2.1 Fish licence sales for the 2016-2017 season YTD are summarised in Table One and are currently reporting to be down on the 2015-16 season YTD results by 0.6%.
- 2.2 A total of 79.9% of the annual sales target has been achieved.
- 2.3 The number of licences purchased in the 2016-17 "Adult Season" categories has fallen by some 60 licences when compared with the 2015-16 season. Fortunately, due to a substantial shift from the local area category back to whole season this has had a minimal impact on the LEQ comparisons between the two seasons. Whole season purchases are 206 licences higher than last season while local area purchases have fallen by 265 licences.
- 2.4 The Region's slight down turn in sales of 0.6% appears to be a result of a reduction in the short term categories of Long Break, Short Break and Day licences over the holiday period. This is not dissimilar to what is occurring nationally and may have been contributed to by poor weather in some parts of the country. The Rotorua lakes particularly experienced high winds over the holiday break which may have influenced the lesser uptake of short term licences by holiday makers.
- 2.5 Nationally, Fish licence sales to the 31 January are reporting to be 3.0% down on the previous season.

**Table One**

**Comparison of Fish Licence LEQs to 31 January 2017**

SALES CHANNEL	Family Season		Adult Season		Adult NonRes		Adult Loyol Senior		Adult Local Area		Adult Season		Adult Winter		Adult Long Break		Adult Short Break		Adult Day		Junior Day		Whole Season Equiv.	% Increase/Decrease on 2014-15
	Season	1634	1127	12	903	131	210	204	1131	260	3	41	409	1703	193	48	7	304	1379	125	3438	8513		
Agent Online Sales	1634	1127	12	903	131	210	204	1131	260	3	41	409	1703	193	48	7	304	1379	125	3438	8513	-4.8%		
Agent Book Sales	1192	903	1192	903	131	210	204	1131	260	3	41	409	1703	193	48	7	304	1379	125	3438	8513	-82.2%		
Direct Sales*	1192	903	1192	903	131	210	204	1131	260	3	41	409	1703	193	48	7	304	1379	125	3438	8513	9.6%		
<b>Total Fish 2016-2017</b>	<b>2826</b>	<b>2042</b>	<b>341</b>	<b>351</b>	<b>1563</b>	<b>381</b>	<b>0</b>	<b>71</b>	<b>713</b>	<b>3130</b>	<b>325</b>	<b>304</b>	<b>8513</b>	<b>-0.6%</b>										
Agent Online Sales	1685	1040	227	211	1406	294	0	56	489	1677	176	176	5310											
Agent Book Sales	39	18	0	0	0	10	0	0	0	268	38	38	115											
Direct Sales*	1116	776	106	141	422	105	0	45	274	1208	90	90	3138											
<b>Total Fish 2015-2016</b>	<b>2840</b>	<b>1834</b>	<b>333</b>	<b>352</b>	<b>1828</b>	<b>409</b>	<b>0</b>	<b>101</b>	<b>763</b>	<b>3153</b>	<b>304</b>	<b>8563</b>												

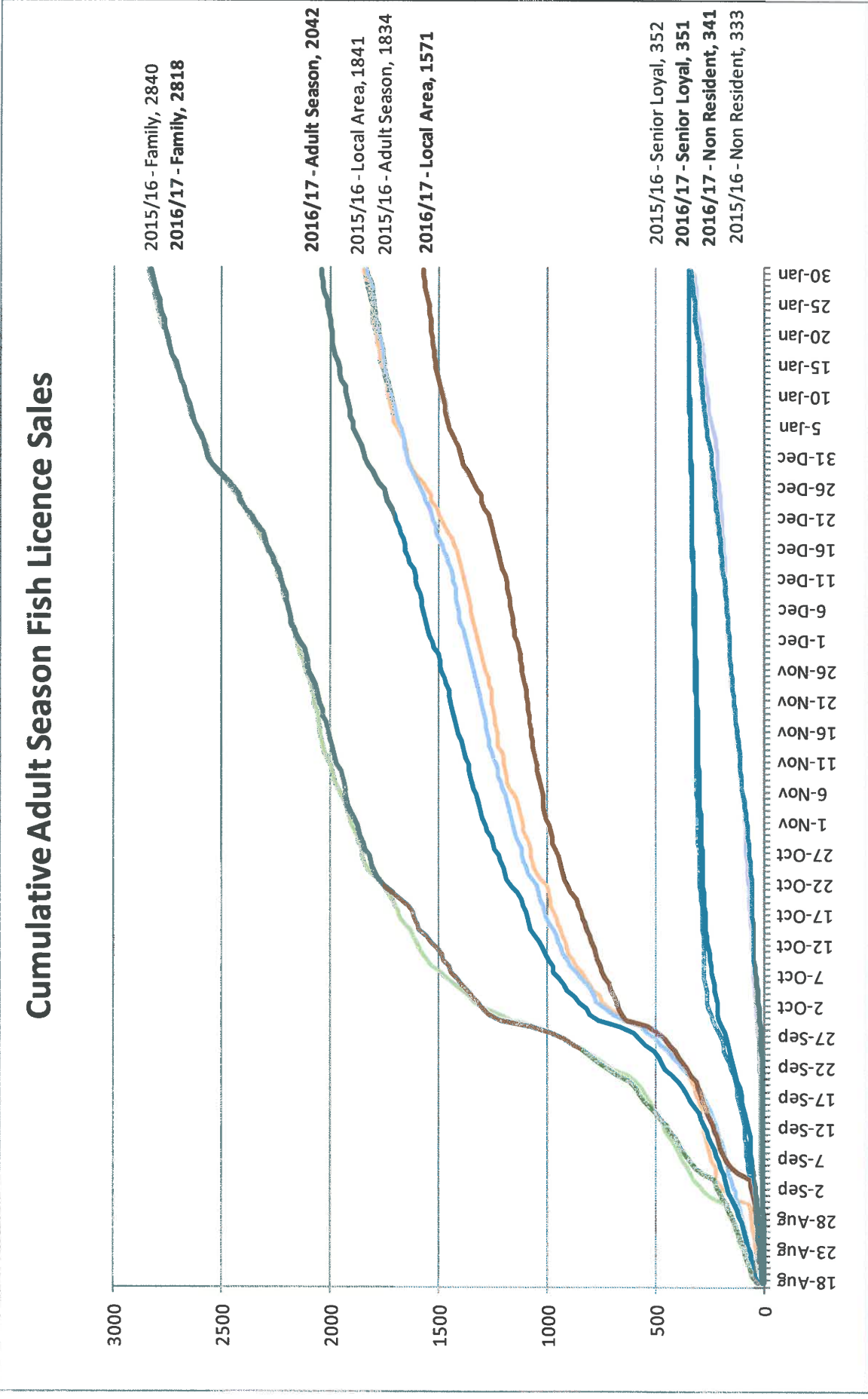
TARGETS	Family Season		Adult Season		Adult NonRes		Adult Loyol Senior		Adult Local Area		Adult Season		Adult Winter		Adult Long Break		Adult Short Break		Adult Day		Junior Day		Whole Season Equiv.	Actual to date % of Target
	Season	3050	2001	500	400	2000	500	750	150	1500	6400	500	500	500	635	142	1489	6928	526	10511	10450	79.9%		
2016-2017 Total	3050	2001	500	400	2000	500	750	150	1500	6400	500	500	500	635	142	1489	6928	526	10511	10450	79.9%			
Budget	3025	1947	499	356	1976	500	635	142	1489	6928	526	10511	10450	81.0%										
2015-2016 Total Sales	3025	1947	499	356	1976	500	635	142	1489	6928	526	10511	10450	81.0%										
2016-2017 Estimated year end																							98.1%	

\* Direct Sales - Internet, 0800 Licence

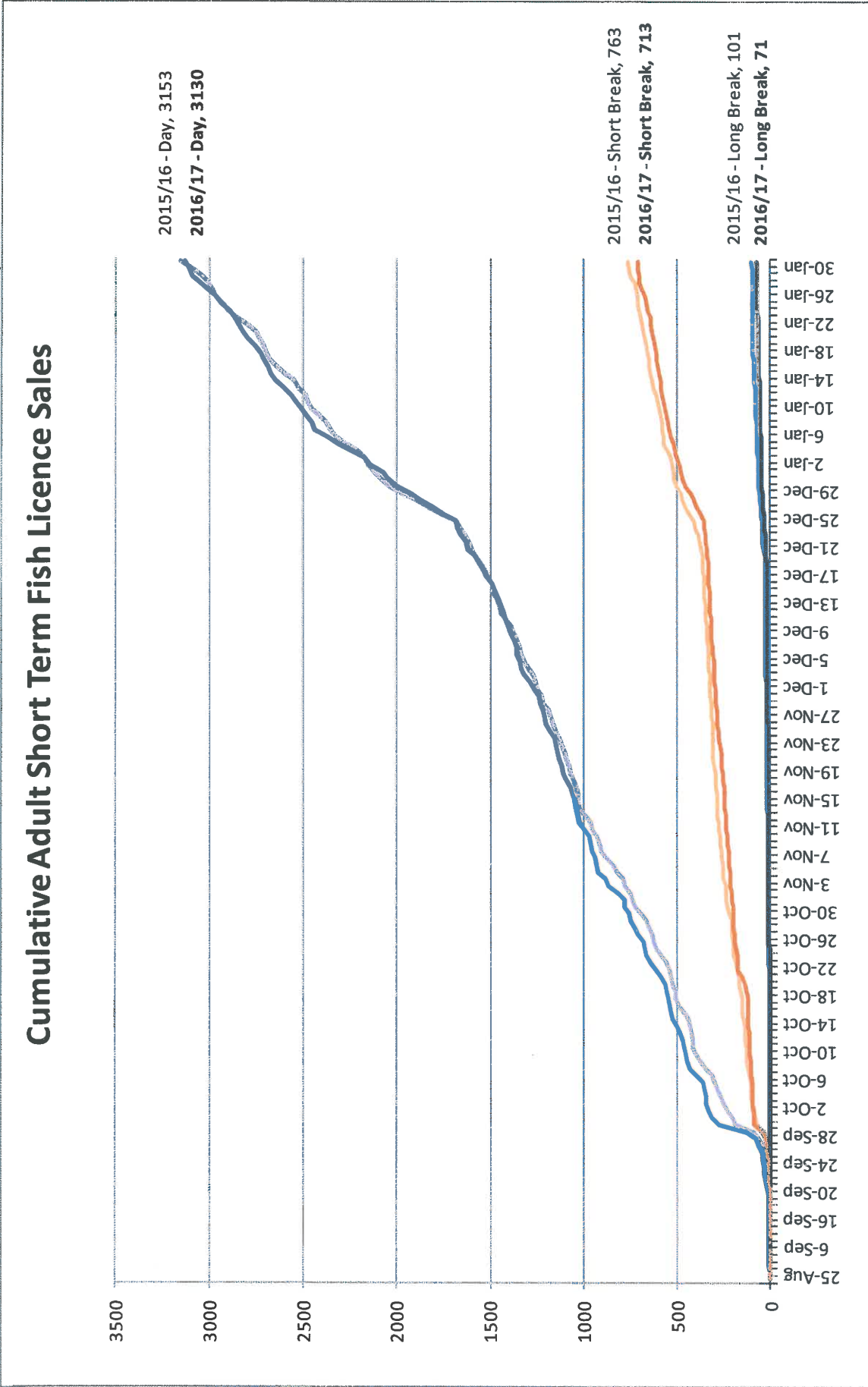
**3. 2016-17 Fish Licence Sales Visual (Charts 1-5)**

3.1 Charts 1 to 3 provide a visual comparison of daily sales by category, compared to the 2015-16 season YTD. Note for black & white viewers the lighter colours represent the previous season results while the darker colours represent the 2016-17 YTD results. Charts 4 and 5 show a comparison of the 2016-17 YTD sales in terms of total LEQ's compared with the previous four seasons. Note that Chart 4 is a zoomed in view of Chart 5 with the x-axis time scale terminating at 31 January 2017 rather than 31 July 2017 as in Chart 5.

**Chart 1: Cumulative Adult Season Fish Licence Sales comparison 2015-16 and 2016-17 YTD to 31 January**

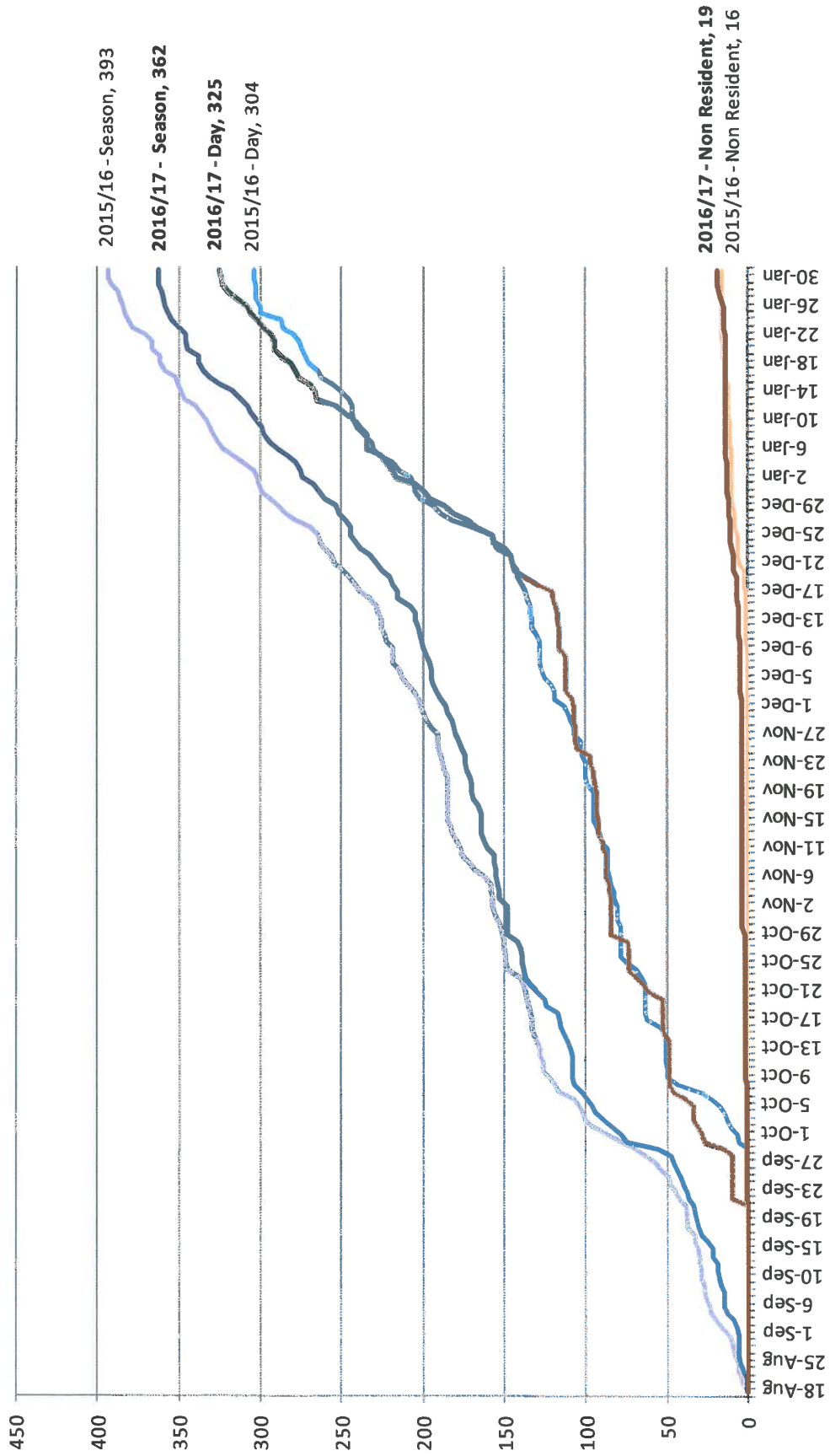


**Chart 2: Cumulative Adult Short Term Fish Licence Sales comparison 2015-16 and 2016-17 YTD to 31 January**



**Chart 3: Cumulative Adult Short Term Fish Licence Sales comparison 2015-16 and 2016-17 YTD to 31 January**

### Cumulative Junior Fish Licence Sales - All Categories



**Chart 4: Cumulative LEQ (Whole Season licence equivalent) comparison 5 seasons updated to 31 January**

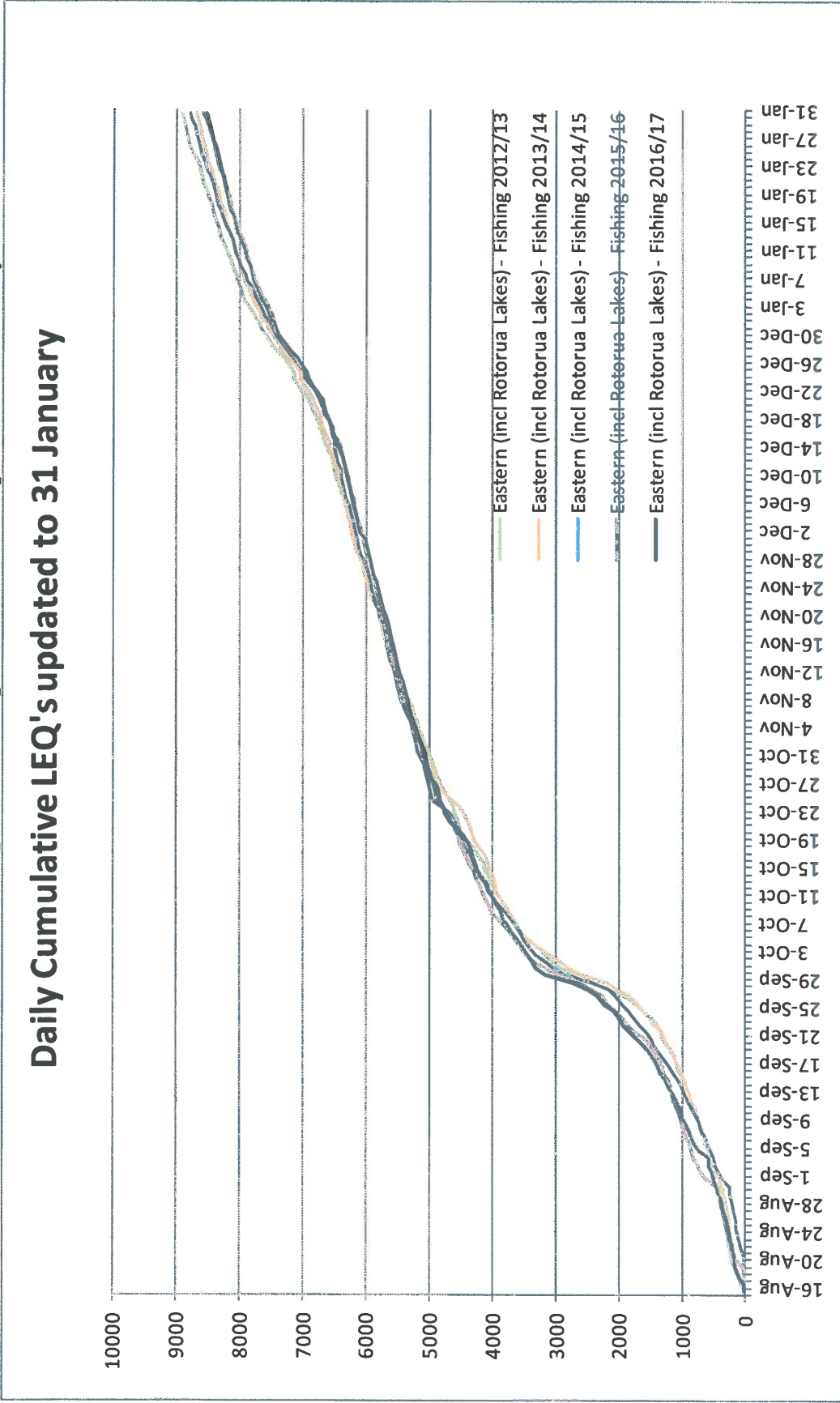


Chart 5: Cumulative LEQ (Whole Season licence equivalent) comparison 5 seasons updated to 31 January

## Daily Cumulative LEQ's updated to 31 January

