



COMMUNICATIONS COMMITTEE AGENDA

WEDNESDAY 31 JANUARY 2018

10:30am, Cargill Room, Scenic Hotel
Southern Cross, Princes Street, Dunedin

Membership

Cr Michael Deaker
Cr Carmen Hope
Cr Graeme Bell
Cr Doug Brown
Cr Trevor Kempton
Cr Michael Laws
Cr Ella Lawton
Cr Sam Neill
Cr Andrew Noone
Cr Gretchen Robertson
Cr Bryan Scott
Cr Stephen Woodhead

(Chairperson)
(Deputy Chairperson)

Disclaimer

Please note that there is an embargo on agenda items until 8:30 am on Monday 29 January 2018. Reports and recommendations contained in this agenda are not to be considered as Council policy until adopted.

For our future

TABLE OF CONTENTS

1. Apologies.....	3
2. Leave of Absence	3
3. Attendance	3
4. Confirmation of Agenda	3
5. Conflict of Interest.....	3
6. Public Forum	3
7. Presentations.....	3
8. Confirmation of Minutes	3
9. Actions.....	3
10. Matters for Noting	4
10.1. Communications Committee - 31 January 2018	4
11. Notices of Motion	19
12. Closure	19

1. APOLOGIES

2. LEAVE OF ABSENCE

3. ATTENDANCE

4. CONFIRMATION OF AGENDA

Note: Any additions must be approved by resolution with an explanation as to why they cannot be delayed until a future meeting.

5. CONFLICT OF INTEREST

Members are reminded of the need to stand aside from decision-making when a conflict arises between their role as an elected representative and any private or other external interest they might have.

6. PUBLIC FORUM

7. PRESENTATIONS

8. CONFIRMATION OF MINUTES

8.1. Minutes

Recommendation

That the minutes of the meeting held on 29 November 2017 be received and confirmed as a true and accurate record.

Attachments

1. Minutes of the Communication Committee - 29 November 2017 **[8.1.1]**

9. ACTIONS

(Status report on the resolutions of the Communications Committee).

No current actions.

Attachments

Nil

10. MATTERS FOR NOTING

10.1. Communications Committee - 31 January 2018

Prepared for: Communications Committee
Activity: Governance Report
Prepared by: Sian Sutton, Director Stakeholder Engagement
Date: 12 January 2018

1. Précis

This report records stakeholder engagement activity between 13 November 2017 and 12 January 2018.

2. Collaborative Partnerships

2.1 Lab in a Box

Stakeholder Engagement team members are in discussions with the staff from the Otago Museum and the International Science Festival with a view to several collaborative projects, including future use of Lab in a Box as part of a regional roadshow.

2.2 Waterwise

ORC staff hosted 25 secondary/tertiary students on 15 December 2017 to show them ORC's role in water management. Waterwise is a youth leadership programme that involves secondary and tertiary students spending a week getting experienced-based learning around education for sustainable development. ORC and the organisers are exploring a formal and more enduring partnership.



ORC staff member, Jono Young, at the Mt Barker flow recording site showing the group the equipment and its use for informing the community of river flow



levels.

Cardrona / ORC staff member, Richard Lord, discussing waste management aspects of the Cardrona ski field

2.3 Environmental Enhancement Fund

The administration of the Environmental Enhancement Fund is now undertaken within the Stakeholder Engagement Directorate. The fund will be proposed to be renamed, its criteria reviewed, with the possibility of regular funding rounds throughout the year. Once this has progressed, options for the fund will be presented to, and workshopped with, Councillors before a re-launch. The aim of this process is to make it clear to our community the purpose and intent of the fund, and place some structure around funding rounds to assist with workload planning and reporting requirements. Applications received before 12 January 2018 will continue to be processed.

2.4 Yellow-eyed Penguin Trust

It has been a busy time for the Yellow-eyed Penguin Trust, with penguin breeding season in full swing, evidence of avian diphtheria in many chicks on the Otago Peninsula and North Otago, as well as considerable media coverage with the visit from the Minister of Conservation. Attached is their progress report for November.

2.5 Tomahawk Lagoon Community Vision

Staff are preparing advertising and booking a venue for the first-round community workshops for late February. The workshops are designed to establish a vision, goals and actions to achieve what the community agrees is important for the Tomahawk Lagoon.

The project will enable ORC to determine which projects it will undertake and those that the community and interest groups will need to undertake to achieve the vision for the Lagoon.

2.6 Wild Dunedin

Initial conversations have begun with Wild Dunedin Festival to discuss sponsorship arrangements. Sponsorship will include ORC brand exposure in Dunedin, opportunity to open events, hosting of the Leith public consultation at the event and staff education opportunities.

3. Implementation of Rural Water Quality

3.1 Environmental Risk Assessment Progress Update

Tenders/quotes are currently out with consultants to undertake the survey and pilot programme for the on-site assessments. It is anticipated that these will be awarded and commence in February. Desktop assessments are also scheduled to commence in February.

3.2 Field Days, Workshops and Presentations

3.2.1 Waihola School - Water Quality Session – 25 November 2017

Liaison Specialists spent a morning with 32 Waihola District School students, teachers and parent helpers at an urban stream, talking about water quality issues, how to monitor water quality and some means of improving or mitigating water quality through riparian planting. Students had been working on a riparian planting topic this term and were enthusiastic to share their knowledge. Trying out the clarity tube proved to be a highlight for both the junior and senior students.



Waihola School - Water Quality Session

3.2.2 Waiwera Science report back – 28 November 2017

Otago Regional Council South Otago Liaison Specialist, Resource Science staff, and Craig Simpson (Landcare Trust) presented the findings of the Waiwera Science Study back to the community. Seven landowners from the catchment were in attendance. This session included guest speaker Al Body, from the Pomahaka Catchment Group, who outlined his experience with managing sediment on his property. There is some interest from those attending this session to use this study and launch a catchment

group. This is currently being pursued with administrative and facilitative support and leadership currently being a barrier.

3.2.3 Industry-led activities

South Otago Dairy Working Group – 12 December 2017

The last meeting for the SODWG for 2017 was attended by liaison and environmental monitoring staff. Inspections for the dairy season are now underway, and it was refreshing to communicate to the group that no compliance issues had been observed in the course of the dairy inspections to date. Environmental monitoring staff were able to demonstrate the use of their mobility technology (tablet instead of triplicate paper) that is used to complete inspections in the field. There was some interest from the group regarding the Clutha minimum flow process and the first round of consultation. The next meeting for the group will be held in March 2018.

3.2.4 Catchment Groups

- **Pomahaka Catchment**

South Otago Liaison Staff currently work with the Pomahaka Catchment Group offering water plan rule clarification and support. This Group is facilitated by the New Zealand Landcare Trust (Co-ordinator Craig Simpson). In 2017, Liaison staff have attended field days run by the group, sponsored good management practice newspaper advertising, and ORC has provided financial support to assist with the groups wetland filter trials.

- **Clutha District**

South Otago Liaison Staff also work alongside the Clutha Development Trust, particularly their Rural Water project. The focus of this project is now on water sampling and on facilitating consents for landholders to undertake work in waterways. This project acts as an intermediary between Council and landholders and therefore communications between ORC and the community are limited through this group.

- **North Otago**

The North Otago Sustainable Land Management Society (NOSLaM) have released their meeting schedule for 2018, which includes 4 Committee meetings, 3 stakeholder meetings, and a number of landowner/water quality meetings, as well as space for any special projects that arise. ORC Liaison Specialists will continue to provide in-kind support and education advice relating to water quality matters.

- **Shag/Waihemo Catchment**

A group of landowners in the Shag/Waihemo Catchment have started a formal catchment group. To start the process and gauge interest, they have sent out a flyer catchment-wide and asked for expressions of interest as well as setting up a Facebook page (search: Shag River Catchment Group). A meeting will be held in February 2018. ORC will be seeking support from this group to pilot the Environmental Risk Assessment on-site visits in the Shag Catchment (initial discussions have been very positive).

There is interest from landholders in forming catchment style groups in the following areas:

- **Waiwera Catchment**

A 2017 science report has outlined the decline in fish species diversity and abundance. At a recent community meeting reporting the findings of the science study there was interest from the community in being part of a catchment group, however, no landowner in attendance was prepared to lead the process of setting up a catchment group. Support from ORC or another facilitation group (e.g. NZ Landcare Trust) may be appropriate and will be reassessed in early 2018.

- **Taieri Catchment**

A number of people on the Taieri Plains have registered their interest in setting up a catchment group. Other catchment groups around Otago have focussed on testing water quality (testing both Schedule 15 and 16 water). This is slightly different on the Taieri than in other areas, because the waterways on the Taieri Plains are predominately drains, which means they don't have the same consistent water flow as rivers.

This year, liaison staff will coordinate the various groups in the Taieri area that have an interest in water quality, including those who are keen to be part of a catchment group, so they can work together.

3.3 Media and promotion for rural water programmes

3.3.1 Irrigation NZ Magazine

The summer issue was distributed in early December. Articles included consultation on the Clutha River in terms of water management, the flowchart outlining ORC's RMA enforcement options, and an article on the success of the broom gall mite/update on the pest plan. The autumn issue will be the last insert ORC will have in this publication; we will not renew our contract, so we can focus on ORC-driven content and channels.

3.3.2 Waterlines

The summer issue was distributed in mid-December. Articles included consultation on the Clutha River in terms of water management, a case study on the 2017 Ballance Farm Environment ORC award winners, a case study on the winner of the ORC award at the Southern Wood Council Forestry Awards, reports on science studies on the Waiwera and Shag rivers, a wrap-up on lake snow, a day in the life of an ORC staff member doing wetland inspections, and a promotion of the Pollution Hotline. Planning for the 2018 issues will take place in January.

3.3.3 Good Water in Otago – ORC's Facebook page

We will close this Facebook page in the new year and continue to post updates on the main ORC page, now that bus alerts will no longer be posted (previously, Dunedin bus alerts were shared to the main page; these are now shared directly to the Otago Regional Council Bus Services Dunedin page). Prior to closing the page, we will promote people to 'like' the ORC page and explain why the transition is happening. Bus users will also be advised that updates on the ORC Facebook page will cease.

3.3.4 On-Stream

The November issue of On-Stream was sent to 394 subscribers. It included information about public consultation on the pest plan, biodiversity strategy, and the flows in the Clutha River. Updates from the Liaison Specialists are a regular feature, and we also showed some photos from our staff photo competition.

4. Water Management Groups

4.1 Water and deemed permit renewal project

4.1.1 Water user group meetings

Meetings with priority groups are scheduled below with venues and dates still being determined:

Meetings held - Round 1
Manuherikia (Omakau and Becks) – 21 November 2017
Scheduled meetings:
February – March 2018 - Round 1
Gibbston (Camp Creek)
Albert Burn
Dunstan Creek
Lower Manuherikia – 4 minor tributaries
John Bull Creek
Teviot Valley
February to March 2018 - Round 2 or 3
Amisfield/Parkburn
Crown Terrace
Gibbston Valley
Keogh Creek (immediately south of Lowburn)
Lowburn
Manorburn
South Ranfurly
Strath Taieri
Styx
Teviot – Coal Creek
April to June 2018 - Round 2 or 3
Arrow Irrigation Company
Cardrona
Conroys & Omeo

Round 1 meetings

These introduce the matter of the expiring deemed permits and why they are expiring. They tell people about the information they will need to gather to support their application. The meeting is also a good way to learn about why working as a group can be beneficial and how to get started. It also sets out the timeframes they'll need to work to, supporting them to replace their permit with a new Water Permit.

Round 2 meetings

Round 2 meetings comprise ORC staff facilitating water users groups connecting with affected parties such as iwi, DoC, and the Otago Fish and Game Council. The meetings allow water users groups to gain a good understanding of the fish and river flow information for the catchment and the associated values, prior to formal

discussions with the affected parties. These meetings help assist water user groups to seek written approval, as part of the application to replace their deemed permits.

4.1.2 Preparation for Round 3 presentations

Topics to be covered at round 3 catchment meetings will include

- Outline of additional fish survey requirements per tributary
- Protocol for undertaking fish sampling surveys
- Why Council has elected to contribute to the fish sampling
- What Council will not be funding
- Flows (MALF) per tributary availability and method and why needed
- Availability of annual mean flow data
- Options for group sharing protocols during periods of lower flows
- The place and importance of catchment groups
- Guidance on applying for section 417 easements

4.1.3 Meeting with Statutory bodies and Treaty Partners

A meeting was held with Statutory bodies, Treaty Partners and Federated Farmers on 11 December 2017, to update each other on the progress for Deemed Permit Replacements including with reference to priority and non-priority catchments.

Key matters arising

- **Fish data and fish sampling protocol**

Marian Weaver informed attendees that ORC has agreed to fund fish surveys for those waterways where deemed permits are to be replaced and there are gaps in fish data. ORC has elected to provide this funding as a means of advancing and supporting the deemed permit replacement process.

Pete Ravenscroft, ORC Environmental Resource Scientist – Freshwater, provided an overview of the fish survey work required with reference to a summary of sites per catchment. The survey will be carried out in accordance with a protocol that has been prepared in conjunction with the statutory bodies and reflects contemporary professional fish survey quality standards.

It is recognised that some key additional information would also be documented at the time of the survey where either non-migratory galaxias are captured, or the stream site is assessed as acting as a nursery for a downstream trout fishery.

For non-migratory galaxias that are captured during the survey or has been recorded previously, the additional information would include:

- Mechanism/s and characteristics protecting galaxias from trout incursion
- Water take structure or any other man-made structure
- Low flows, drying reaches

For trout captured during the survey there is a need to determine if the stream is acting as a nursery for a downstream trout fishery.

It was agreed that there may be situations where an affected party may wish to undertake further fish survey work at a later date to finalise the setting of the residual flow. The affected party would need to outline and explain the purpose for this subsequent information to the applicant. This further work would not be part of the funding ORC is contributing to undertake the fish surveys.

- **Flow data**

ORC will continue to assist with providing flow information to assist with preparing deemed permit replacement or renewal of RMA resource consents applications. A 'request for flow data' facility has now been included on the fish and flow portal to streamline request received.

This data would provide mean annual low flow (MALF) and where requested the annual mean flow. Where there are no longer term flow sites, modelled data can be provided based on nearby actual recorded flow data.

Completeness of the fish and flow data outlined above will ensure full consideration to instream values, natural character and surface flows of waterways has been undertaken leading to the determination of a suitable residual flow and so maintain existing instream values and the natural character.

- **Updating the NZ Freshwater database**

While the majority of fish data does routinely get loaded to the database there is a need to check for data that has been inadvertently overlooked and to have the data uploaded within a prescribed timeframe. A procedure has been arranged amongst members of the group to ensure this is completed.

- **Catchment group update**

An update on progress of catchments groups undertaking deemed permit replacements was outlined to the group. The list of priority groups that Council will meet with in the period January to 2018 to June was tabled, along with a list groups that ORC will not proactively meeting with, but will meet with on request. This is in recognition that this latter group is well advanced in their preparation for deemed permit replacement.

5. Policy

5.1 Clutha River/Mata-au minimum flow and water allocation consultation

The first phase of public consultation sessions on what people value about the Clutha River/Mata-au setting wrapped up in December, with the Roxburgh session having to be rescheduled due to timing with the recent flood. Overall there was a low turnout to these sessions. Some further thought is warranted around how we engage at this early stage of consultation and staff are currently exploring other methods of engagement. Feedback to this phase of consultation closes on 19 January 2018.

5.2 Arrow catchment and Wakatipu Basin aquifers minimum flow and water allocation consultation

The second phase of public sessions also wrapped up in December. Overall these sessions were well attended, with attendees seeking to genuinely understand the options presented to them and the implications for each option. Many feedback forms were handed out at these sessions. Attendees were able to submit their feedback at the time, but most people did not, preferring to take the form home with them, think further about the options presented and submit their preferences later. Feedback to this phase of consultation closes on 26 January 2018.

6. Enviroschools

As set out in the Annual Plan 2017-18, ORC provides the regional coordination of the Enviroschools Programme in Otago.

6.1 A Dam Good Day Out – Central Otago and Queenstown Lakes primary energy hui

63 students from ten primary schools from Central Otago and the Queenstown Lakes District attended a one-day energy hui at Clyde on 29 November 2017. Students identified the different forms of energy they use every day. We built solar ovens and baked SMORES and we explored how electricity is generated. The highlight for most students was the visit to the Clyde Dam in the afternoon. We were shown the control room where decisions are made about how much water to put through the turbines, the turbine room and the gallery through the middle of the dam. Many of the teachers said they would use some of the ideas and activities from the day back in their classrooms.

We have already started planning the teacher workshops and hui for next year.



Students checking their SMORES in the solar oven.

6.2 The Enviroschools Census

The Enviroschools Census has been a big focus in term 4. This repeats a 2014 research project gathering data on the sustainability activities schools are involved in. The questionnaire is very comprehensive and took many teachers over an hour to complete. 85% of Otago Enviroschools returned their questionnaires, which indicates that schools are committed to the programme. Findings from this study will start to become available early next year. The last census has been invaluable for helping us develop the programme.

6.3 Holistic reflection

Two Dunedin schools became Green-Gold schools recently. To do this they have to provide evidence that sustainability drives their thinking and actions at all levels, including their policies and that students are well supported to take action and make change. The schools use this opportunity to identify the next steps in their sustainability journey. Someone from Toimata Foundation or another Regional Coordinator joins us for Green-Gold reflections. This ensures consistency and integrity of the process and strengthens relationships across the Enviroschools network

6.4 Staff changes

The two most experienced Otago Enviroschools facilitators are leaving at the end of the year. Their replacements have already been appointed. We will shortly be recruiting for a facilitator in Waitaki. Supporting the new facilitators and building a strong team across Otago will be a significant focus for 2018.

7. Transport

7.1 Queenstown public transport

Following the launch in November we have been establishing and consolidating our Orbus Queenstown Facebook community. Print advertising for the service is ongoing. As previously reported, the launch campaign strategy saw us focusing on building the local audience in the first instance. Keeping up clear communications with local bus users and stakeholders remains important as the new service gets established and front-end issues are resolved. This year we will also extend communications that target visitors to Queenstown.

7.2 Dunedin public transport

With the bus hub and changes to ticketing coming in 2018, we also intend to change our approach to print communications for the Dunedin service. Following initial feedback sought on our current approach, and our experience to date with the fold-out map based communications for the Queenstown service, we are investigating a new approach that would see the printed Dunedin timetables based on detailed maps rather than schematics. Online information is now a major component of public transport communications; we made progress on our website information about the service in 2017, which we're building on with some further refinements. A real-time bus location tracking app, now in place for the Queenstown service, is still on its way for Dunedin.

7.3 Regional Road Safety Campaign

We officially announced our involvement in the *Any number is too many* road safety programme with a media release on Monday 14 December 2017. The story generated articles in The Southland Times and the Otago Daily Times. Cr Kempton was also interviewed by RadioLIVE for First@Five. We created a collaborative slideshow video with input from Queenstown Lakes District Council, Clutha District Council and Gore District Council, it was released on Facebook and Jostle. Over the summer break, two stories and images will be shared on the *Any number is too many* Facebook page. Our support for this programme will continue in 2018.

7.4 Regional Land Transport Plan Consultation

Consultation is currently underway on proposed changes arising from the mid-term review of the Otago Southland Regional Land Transport Plan 2015–2021. Communications have been targeted to key stakeholders, as well as advertised to the public. Submissions on the plan close on 29 January 2018.

8. Environmental Operations

8.1 Dairy inspections

A field exercise was organised by the South Otago Liaison Specialist and held with staff new to the Otago Regional Council dairy monitoring programme. Staff from environmental monitoring who identified as being less familiar with rural activities, environmental risks and health and safety awareness while on a dairy farm were also invited. This builds on similar field sessions held over the past two dairy seasons. On

22 November 2017, Donna Corbin (Consultant, Rural Environmental Solutions) facilitated the session with support from Brian Goodger (Fonterra), on a property in Heriot. The feedback from those in attendance was largely positive, with staff commenting it provided them with confidence for being on a dairy property, knowing what to look out for regarding dairy effluent compliance and assisting with consistency amongst the environmental officers in the field.

8.2 Pest plan and biodiversity strategy

Here is a summary of the public consultation for the pest plan and biodiversity strategy:

- **Workshop on 31 October for key stakeholders**
42 people attended this and gave valuable input
- **Online consultation**
55 people completed online feedback for the pest plan
55 people completed online feedback for the biodiversity strategy
This was promoted via online advertising between 14-30 November 2017. Results show there were 118 clicks to the ORC website, which is 0.22% (the industry average is 0.08%).
- **Pop-in sessions for the pest plan**
Four were held around Otago (Cromwell, Dunedin, Balclutha, Oamaru), with around 55 people attending.

9. Science, Hazards, Engineering

9.1 Leith Amenity Project

The first workshop with the Leith Project Working Group was held late December, where members were presented with a workbook of guidelines to design, and given examples of what has been achieved previously. The second workshop is scheduled for late January 2018. In early January, we will be testing the public engagement tool using this project. EngagementHQ will be opened to begin gathering public feedback about what Dunedin people want and value about the Water of Leith. This feedback is intended to help the working group develop feasible concepts.

10. Biosecurity

10.1 Wallabies

We are planning to extend the Identify, Report & Destroy programme in early 2018 by printing confluence signs that will be erected in North Otago to heighten awareness of this pest and ask people to report sightings to ORC. We will also set up an app on our website so people can pinpoint the location and notify us online.

10.2 Rabbits

Materials will be developed in early 2018 to help the public understand their responsibilities for rabbit management and advise them on different methods to do this.

10.3 Wetland brochure

This has been completed and is now in use.

10.4 Pollution guidebook

The first draft has been given to the other councils in Otago for their input. We will make further contact with them in mid-January to check on progress.

10.5 Old Man's Beard

Early 2018 we will launch a public campaign to help people to identify Old Man's Beard and understand how they can control it. This will include a 'How-to' video and advertising.

11. General public awareness activity

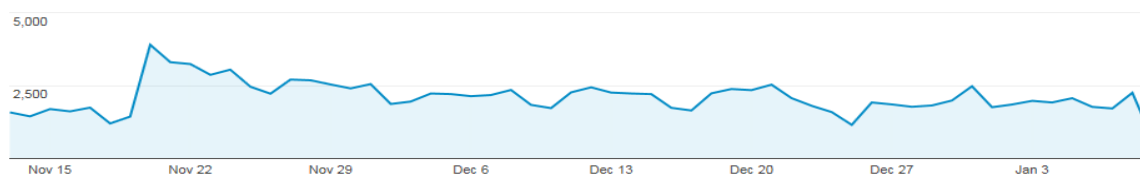
11.1 General media

As a result of holding a staff photo competition, we have over 360 new photos of Otago that we can use in our materials and promotion/publicity.

11.2 Websites

11.2.1 www.orc.govt.nz

There have been 121,563 visits to the new ORC website this reporting period and 351,080 page views.



The peak in the graph from 20 November is due to the Queenstown buses launching.

• Location

90% of sessions are from within New Zealand, and within those 28% of visitors are from Dunedin and 18% from Queenstown.

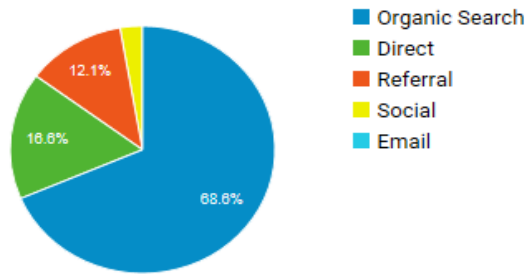
1. New Zealand	110,086 (90.56%)	1. Dunedin	31,167 (28.31%)
2. Australia	3,801 (3.13%)	2. Christchurch	25,327 (23.01%)
3. United States	1,825 (1.50%)	3. Queenstown	20,121 (18.28%)
4. United Kingdom	720 (0.59%)	4. Auckland	15,973 (14.51%)
5. Japan	709 (0.58%)	5. Wellington	6,252 (5.68%)
6. Hong Kong	604 (0.50%)	6. (not set)	2,534 (2.30%)
7. China	437 (0.36%)	7. Invercargill	2,214 (2.01%)
8. Singapore	398 (0.33%)	8. Tauranga	1,370 (1.24%)
9. South Korea	316 (0.26%)	9. Hamilton	759 (0.69%)
10. Canada	297 (0.24%)	10. Timaru	733 (0.67%)

• Top Channels

How are people getting to and finding our website – this split into five channels.

- Organic Search (people searching on google, bing and so on) – 68.6%
- Direct (typing in www.orc.govt.nz directly into their browsers) – 16.6%
- Social (clicking through to our site from posts on social media sites, e.g. Facebook) – 2.7%
- Referral (referrals from other websites, e.g. ODT online) – 12.1%
- Email (people clicking through to our website from a link in their email) – 0%

Top Channels













- **Devices**

Viewing on a mobile device is still proving to be the most popular way to view the new website. Mobile viewing has increased 58% from the previous reporting period, tablet viewing increasing by 40% and desktop only increasing 2.7%.

- **Top pages viewed**

The top pages viewed this reporting period are listed below.

1.  /public-transport/	247,440 (70.44%)
2.  /managing-our-environment/	25,209 (7.18%)
3.  /public-transport	15,163 (4.32%)
4.  /	14,697 (4.18%)
5.  /news-and-events/	11,770 (3.35%)
6.  /plans-policies-reports/	6,422 (1.83%)
7.  /our-council-our-region/	5,101 (1.45%)
8.  /rates/	3,737 (1.06%)
9.  /rates	3,077 (0.88%)
10.  /contact-us	2,823 (0.80%)

11.2.2 www.lawa.org.nz

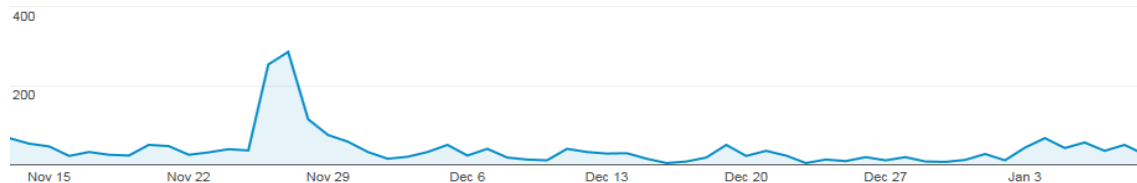
There have been 3467 visits to the Otago section of the LAWA website, up 273% from the previous period.



The large peak on the 20 December is due to an update of the 'Can I Swim Here?' Module with advertising directing people to our Otago swim sites.

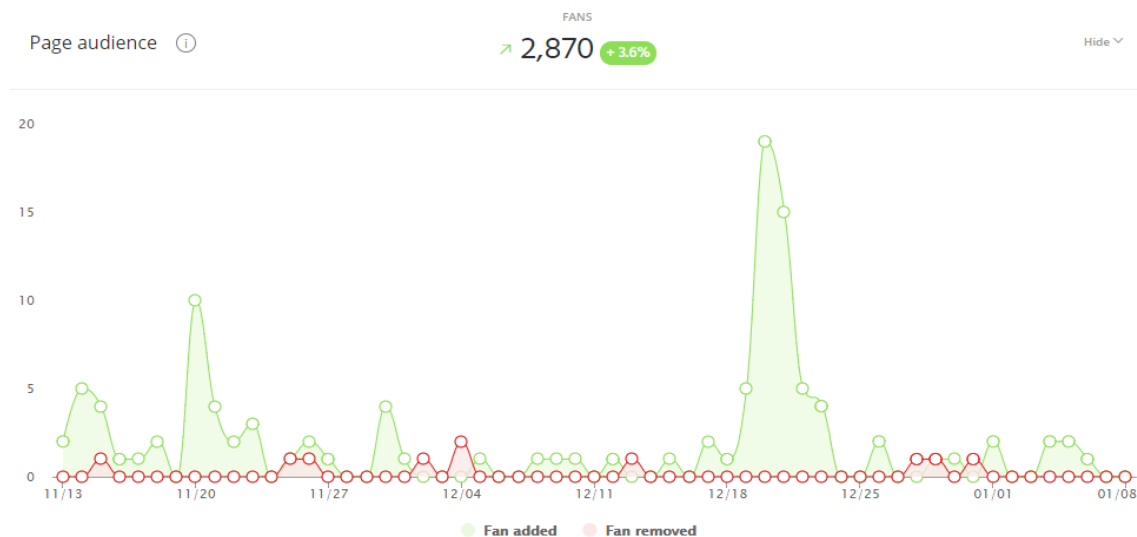
11.2.3 www.otagocdem.govt.nz

There have been 2299 visits to the Otago CDEM website, the peak below on 26 November is due to the flooding that hit Roxburgh.



11.3 Social media

We have 2882 followers on our ORC Facebook account at the end of this reporting period. The peak below is due to the update of the 'Can I Swim Here?' Module.



The statistics for our various other Facebook pages over the past month is shown on the graph below:

PAGES	FANS	TALKING ABOUT THIS	FAN POSTS	PAGE POSTS	INTERACTIONS	ENGAGEMENT
Otago Regional Council	2,882	106	7	87	1,195	41.6%
Otago Civil Defence and Emergency Management	3,136	1,122	1	57	2,650	85.0%
Orbus Queenstown	1,599	93	30	37	2,797	175.5%
Good Water in Otago - ORC	640	1	0	10	12	1.9%
Otago Regional Council Bus Services - Dunedin	559	56	12	46	415	74.8%
LAWA	316	66	0	8	423	137.8%

12. Hot topics/issues in the field

These are the most recent hot topics or issues in the ORC Liaison Specialist areas:

North Otago

- Low river flows
- Water rationing
- *Micoplasma bovis*

Upper Clutha/ Central Otago/Maniototo

- Low river flows, including flows running below minimum flow
- Reduced surface takes, due to low river flows, impacting on productive capacity of farms, and in particular supplementary feed provisions for 2018 winter
- Roxburgh flooding
- Algal blooms
- Hawea groundwater levels
- Clutha minimum flow setting
- High visitor numbers and congestion
- Arrow minimum flow and Wakatipu aquifer allocation setting
- Rabbit numbers
- Wilding pine spread and present systematic removal via the joint programme (Hot topic in a positive light!)
- Manuherikia minimum flow setting process and impact on the feasibility study for Falls Dam and additional command area.
- Manuherikia surface at 50% rationing

Strath Taieri and Central Coast

- Algal blooms
- Low river levels
- Water rationing
- Serious road crashes
- School Term topics and ORC involvement – Rural Water Quality

South Otago

- Low soil moisture
- Low river flows
- Clutha minimum flow setting
- *Mycoplasma bovis*

13. Recommendation

- a) *That this report is noted.*

Endorsed by: Sian Sutton
Director Stakeholder Engagement

Attachments

1. ORC Event Calendar (v A 1841865) [10.1.1]
2. YEPT Science Advisor report to ORC OM - for Comms Report 31 Jan 18 [10.1.2]

11. NOTICES OF MOTION

12. CLOSURE