

Agenda

Oxford-Ohoka Community Board

Wednesday 8 November 2023

7pm

Ohoka Community Hall
Mill Road
Ohoka

Members:

Thomas Robson (Chairperson)

Sarah Barkle (Deputy Chairperson)

Mark Brown

Tim Fulton

Ray Harpur

Niki Mealings

Pete Merrifield

Michelle Wilson

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AGENDA FOR THE MEETING OF THE OXFORD-OHOKA COMMUNITY BOARD TO BE HELD AT THE OHOKA COMMUNITY HALL, MILL ROAD, OHOKA ON WEDNESDAY 8 NOVEMBER 2023 AT 7PM.

RECOMMENDATIONS IN REPORTS ARE NOT TO BE CONSTRUED AS
COUNCIL POLICY UNTIL ADOPTED BY THE COUNCIL

BUSINESS

PAGES

1. **APOLOGIES**
2. **PUBLIC FORUM**
3. **CONFLICTS OF INTEREST**
4. **CONFIRMATION OF MINUTES**
 - 4.1. **Minutes of the Oxford-Ohoka Community Board meeting – 4 October 2023** 7-15

RECOMMENDATION

THAT the Oxford-Ohoka Community Board:

 - (a) **Confirms** the circulated Minutes of the Oxford-Ohoka Community Board meeting, held on 4 October 2023, as a true and accurate record.
 - 4.2. **Matters Arising**

Update on West Eyreton Friends of the School Funding Application.
 - 4.3. **Notes of the Oxford-Ohoka Community Board Workshop – 4 October 2023** 16-17

RECOMMENDATION

THAT the Oxford-Ohoka Community Board:

 - (a) **Receives** the circulated Notes of the Oxford-Ohoka Community Board workshop, held on 4 October 2023.
5. **DEPUTATIONS AND PRESENTATIONS**
 - 5.1. **Councillor Claire McKay**

Councillor C McKay will be in attendance regarding “Lets Pick a Path” the follow up to “What’s our Future Canterbury”.
6. **ADJOURNED BUSINESS**

Nil.

7. REPORTS

7.1. Oxford Stormwater Upgrade – Church Street Reserve – Mark Henwood (Project Engineer) and Jason Recker (Stormwater and Waterways Manager)

18-54

RECOMMENDATION

THAT the Oxford-Ohoka Community Board:

- (a) **Receives** report No. 231006159247.

AND

THAT the Oxford-Ohoka Community Board recommends:

THAT the Utilities and Roading Committee:

- (b) **Approves** the proposed solution to formalise the secondary flow path in 58 Burnett Street away from residential properties and onto Church Street from Church Street Reserve.
- (c) **Notes** that the secondary flow path will be altered to convey stormflows into the Church Street Reserve where it will drain to ground in moderate storm events. In large storm events the stormflow will spillover into Church Street which outlets into the road reserve.
- (d) **Notes** that there is a separate project at the A&P Showgrounds, with construction programmed in the 2024/25 financial year. This project will mitigate the flooding issues experience at 189 High Street
- (e) **Notes** that this work is funded by budget PJ 101964.000.5123, which has a total budget of \$200,000 for 2023/24. Total expected project expenditure including construction and design fees is \$157,000.
- (f) **Notes** that a portion of the above costs are allocated to design of the A&P Showground improvements (\$35,000).

8. CORRESPONDENCE

8.1. Correspondence Draft Annual Plan Response

Trim Ref: 230220022903.

55-60

RECOMMENDATION

THAT the Woodend-Sefton Community Board:

- (a) Receives the Annual Plan Response Letter (Trim: 230220022903).

9. CHAIRPERSON'S REPORT

9.1. Chairperson's Report for October 2023

61-62

RECOMMENDATION

THAT the Oxford-Ohoka Community Board:

- (a) **Receives** the report from the Oxford-Ohoka Community Board Chairperson (Trim: 231030172396).

10. MATTERS FOR INFORMATION

10.1. Kaiapoi-Tuahivi Community Board Meeting Minutes 18 September 2023.

10.2. Rangiora-Ashley Community Board Meeting Minutes 11 October 2023.

- 10.3. Woodend-Sefton Community Board Meeting Minutes 9 October 2023.
- 10.4. July 2023 Flood Event Response and Recovery – Forecast Costs and Funding Sources – Report to Council Meeting 3 October 2023 – Circulates to all Boards.
- 10.5. Submission Emergency Management Bill – – Report to Council Meeting 3 October 2023 – Circulates to all Boards.
- 10.6. Significance and Engagement Policy for Adoption – Report to Council Meeting 3 October 2023 – Circulates to all Boards.
- 10.7. Submission: Government Policy Statement on Land Transport – Report to Council Meeting 3 October 2023 – Circulates to all Boards.
- 10.8. Council Meeting Schedule January 2024 to December 2024 – Report to Council Meeting 3 October 2023 – Circulates to all Boards.
- 10.9. Health, Safety and Wellbeing Report September 2023 – Report to Council Meeting 3 October 2023 – Circulates to all Boards.
- 10.10. Consultation on the Draft Speed Management Plan – Report to Council Meeting 17 October 2023 – Circulates to all Boards.
- 10.11. Eastern Districts Sewer Scheme and Oxford Wastewater Treatment Plan Annual Compliance Monitoring Report 2022-23 – Report to Utilities and Roding Committee Meeting 17 October 2023 – Circulates to all Boards.
- 10.12. July 2023 Flood Recover Progress Update – – Report to Utilities and Roding Committee Meeting 17 October 2023 – Circulates to all Boards.
- 10.13. Cam River / Ruataniwha Report – Report to Utilities and Roding Committee Meeting 17 October 2023 – Circulates to all Boards.
- 10.14. Adoption of Road Safety Action Plan 2023/24 – Report to Utilities and Roding Committee Meeting 17 October 2023 – Circulates to all Boards.
- 10.15. Aquatics October Update – Report to Community and Recreation Committee Meeting 17 October 2023 – Circulates to all Boards.

RECOMMENDATION

THAT the Oxford-Ohoka Community Board:

- (a) **Receives** the information in Items.10.1 to 10.15.

Note:

1. *The links for Matters for Information were previously circulated to members as part of the relevant meeting agendas.*

11. MEMBERS' INFORMATION EXCHANGE

63-65

- 11.1. Michelle Wilson (Trim Ref: 231030172393)
- 11.2. Pete Merrifield (Trim Ref: 231030172478)
- 11.3. Tim Fulton (Trim 231030172650)

The purpose of this exchange is to provide a short update to other members in relation to activities/meetings that have been attended or to provide general Board related information.

Any written information submitted by members will be circulated via email prior to the meeting.

12. CONSULTATION PROJECTS

12.1. Speed Management Plan 2023/27

<https://letstalk.waimakariri.govt.nz/speed-management-plan-2023-27>

Consultation closes Monday 27 November 2023.

Drop In Session – 5.30pm-7.30pm, Oxford Town Hall, A&P Room.

12.2. Relocating the Pines Beach Playground

<https://letstalk.waimakariri.govt.nz/relocating-the-pines-beach-playground>

Consultation closes Friday 17 November 2023.

12.3. Libraries Survey

<https://letstalk.waimakariri.govt.nz/libraries-survey>

12.4. Environment Canterbury Let's Pick a Path

<https://haveyoursay.ecan.govt.nz/hub-page/pick-a-path-ourfuture>

Consultation closes Sunday 3 December 2023.

13. BOARD FUNDING UPDATE

13.1. Board Discretionary Grant

Balance as at 31 October 2023: \$2,745.

13.2. General Landscaping Fund

Balance as at 31 October 2023: \$13,680.

14. MEDIA ITEMS

15. QUESTIONS UNDER STANDING ORDERS

16. URGENT GENERAL BUSINESS UNDER STANDING ORDERS

NEXT MEETING

The next meeting of the Oxford-Ohoka Community Board is scheduled for 7pm, Wednesday 6 December 2023 at the Ohoka Community Hall.

Workshop

- *Community Board Plan – K Rabe (Governance Advisor) – 30mins*
- *Members Forum*

MINUTES FOR THE MEETING OF THE OXFORD-OHOKA COMMUNITY BOARD HELD AT THE OXFORD TOWN HALL, 34 MAIN STREET, OXFORD ON WEDNESDAY 4 OCTOBER 2023 AT 7PM.

PRESENT

T Robson (Chairperson), S Barkle (Deputy Chairperson), M Brown, T Fulton, N Mealings, P Merrifield and M Wilson.

IN ATTENDANCE

G Cleary (General Manager Utilities and Roading), G Stephens (Design and Planning Team Leader), K Rabe (Governance Advisor) and C Fowler-Jenkins (Governance Support Officer).

1. APOLOGIES

Moved: N Mealings Seconded: P Merrifield

THAT an apology for absence be received and sustained from R Harpur.

CARRIED

2. PUBLIC FORUM

There were no members of the public present for the public forum.

3. CONFLICTS OF INTEREST

There were no conflicts declared.

4. CONFIRMATION OF MINUTES

4.1. Minutes of the Oxford-Ohoka Community Board – 6 September 2023

Moved: M Wilson Seconded: P Merrifield

THAT the Oxford-Ohoka Community Board:

- (a) **Confirms** the circulated Minutes of the Oxford-Ohoka Community Board meeting, held on 6 September 2023, as a true and accurate record.

CARRIED

4.2. Matters Arising

There were no matters arising.

5. DEPUTATIONS AND PRESENTATIONS

Nil.

6. ADJOURNED BUSINESS

Nil.

7. REPORTS

7.1. Approval to Install No-stopping Restrictions Along the Frontage of no. 20 Main Street, Oxford – A Mace-Cochrane (Transportation Engineer) and S Binder (Senior Transportation Engineer)

G Cleary spoke to the report providing the Board with an overview on the history of the project.

P Merrifield asked if the property owner would receive a bill for the works. G Cleary replied that they would not. The Council installed road markings via a contract and was unsure whether the Council would be specifically charged for this work.

S Barkle noted that when the Council issued a consent for a vehicle crossing they were supposed to inspect the crossing before the asphalt was laid. She asked why the incorrect location was not picked up at the time of the inspection. G Cleary did not believe that it had been inspected prior to the asphalt being laid however a final inspection was done and it was signed off at that time.

S Barkle enquired, as the Council had signed the vehicle crossing off as being compliant at its final inspection, then should non-compliance be an issue for any future property owner. G Cleary explained that ultimately the responsibility for complying with a resource consent lay with the property owner and did not resolve the property owner of non-compliance.

Moved: S Barkle Seconded: M Wilson

THAT the Oxford-Ohoka Community Board:

(a) **Receives** Report No. 230905137573.

AND

THAT the Oxford-Ohoka Community Board recommends:

THAT the Utilities and Roading Committee:

(b) **Approves** the installation of no-stopping restrictions at the following location:

- i. On the north side of Main Street between the two vehicle crossings of no. 20 Main Street (approximately 4.0 m long).

CARRIED

7.2. 2024 Oxford-Ohoka Community Board's Meeting Schedule – K Rabe (Governance Advisor)

K Rabe spoke to the report noting it was an annual report which allowed the Board to set its meeting dates for the following year. She noted that West Eyreton Hall had been included twice and as they had a booking on Wednesdays the meetings had been moved to a Thursday. She noted that Mandeville had been left off the schedule as the only day available at Mandeville was a Tuesday which would cause a clash with the Council meeting. She noted in 2022 T Fulton had requested that consideration be given to including Swannanoa Hall. Council staff had investigated, however the hall did not have suitable furniture to host a meeting. Council staff had suggested that they apply to the Board for funding to buy furniture which they had not done.

S Barkle acknowledged that there was a desire for a meeting to be held in Mandeville however understood the issue. She queried if there was not another building on site that could be used. M Brown noted the only other room was the bowling club and the rooms were too small to host a board meeting. She suggested that Council staff revisit the Swannanoa Hall to see if they were willing to apply for a grant.

N Mealings noted that Mandeville Sports Club was currently looking at a high likelihood of replacing chairs in the club house which could mean that some chairs would need a new home. If that eventuated, she would suggest to the Mandeville Sports Board to donate the chairs to Swannanoa Hall.

Moved: M Brown Seconded: T Fulton

THAT the Oxford-Ohoka Community Board:

- (a) **Receives** report No. 230915144079.
- (b) **Resolves** to hold Community Board meetings on the following dates and locations, commencing at 7pm:

8 February 2024 (<i>Thursday</i>)	West Eyreton Hall
6 March 2024	Ohoka Community Hall
3 April 2024	Ohoka Community Hall
8 May 2024	Oxford Town Hall
5 June 2024	Oxford Town Hall
3 July 2024	Oxford Town Hall
7 August 2024	Ohoka Community Hall
4 September 2024	Ohoka Community Hall
2 October 2024	Oxford Town Hall
7 November 2024 (<i>Thursday</i>)	West Eyreton Hall
4 December 2024	Oxford Town Hall

CARRIED

8. CORRESPONDENCE

Nil.

9. CHAIRPERSON'S REPORT

9.1. Chairperson's Report for September 2023

- Meeting with the Mayor and Community Board Chairs and Deputy Chairs – Provided the other Board Chairs an update on what had been happening in the Boards area. They also discussed issues around the District.
- All Boards Briefing – Briefing on Mayors Taskforce for Jobs and the Waimakariri Arts Strategy. Missed the final part of the workshop due to work commitments.
- Mandeville Resurgence drop-in meeting – the significant turnout was pleasing. Thanked the other Board members for turning out to support Council staff.
- Oxford Promotions Action Committee Meeting – Had an update on the dark sky project, as well as other events and activities.
- Ashely Gorge Advisory Group Extraordinary Meeting – unable to attend due to work commitments but finances were discussed and the recent working bee with army cadets.
- Oxford Community Trust Meeting – another productive meeting where they discussed a number of different initiatives that the Trust was working on. They were holding their Annual General Meeting on 24 October at 7pm in the Oxford Town Hall.
- Update from Taumata Arowai.
- Pre Agenda Meeting.
- Ashley Gorge Advisory Group Meeting – spent time cleaning up after the winds. They discussed the BBQ opening day that was proposed on 19 November 2023.

They were going to have a catch up mid-October to try and sort the details of what they were going to do for the BBQ. They were also going to look at the walking track and how it would be constructed which would be done in consultation with the Board.

Moved: N Mealings

Seconded: M Wilson

THAT the Oxford-Ohoka Community Board:

(a) **Receives** verbal report from the Oxford-Ohoka Community Board Chairperson.

CARRIED

10. **MATTERS FOR INFORMATION**

- 10.1. Kaiapoi-Tuahiwi Community Board Meeting Minutes 21 August 2023.
- 10.2. Rangiora-Ashley Community Board Meeting Minutes 13 September 2023.
- 10.3. Woodend-Sefton Community Board Meeting Minutes 11 September 2023.
- 10.4. Christchurch ReadyMix Limited Request for Sealing of Browns Road under the Private Funding of Seal Extension Policy – Report to Council Meeting 5 September 2023 – Circulates to Oxford-Ohoka Community Board.
- 10.5. July 2023 Flood Response - Emergency and Immediate Works Expenditure – Report to Council Meeting 5 September 2023 – Circulates to all Boards.
- 10.6. Moving Forward: Waimakariri Integrated Transport Strategy 2035+ Draft for Consult – Report to Council Meeting 5 September 2023 – Circulates to all Boards.
- 10.7. District Regeneration - Annual Progress Report to June 2023 – Report to Council Meeting 5 September 2023 – Circulates to all Boards.
- 10.8. Re-establishment of Solid and Hazardous Waste Working Party – Report to Council Meeting 5 September 2023 – Circulates to all Boards.
- 10.9. Revocation Housing for the Elderly Policy – Report to Council Meeting 5 September 2023 – Circulates to all Boards.
- 10.10. Submission: Strengthening the resilience of Aotearoa NZs critical Infrastructure system – Report to Council Meeting 5 September 2023 – Circulates to all Boards.
- 10.11. Health, Safety and Wellbeing Report August 2023 – Report to Council Meeting 5 September 2023 – Circulates to all Boards.
- 10.12. Summary of Discretionary Grant Accountability 1 July 2022 to 30 June 2023 – Report to Woodend-Sefton Community Board Meeting 11 September 2023 – Circulates to Rangiora-Ashley, Oxford-Ohoka and Kaiapoi-Tuahiwi Community Boards.
- 10.13. Summary of Discretionary Grant Accountability 1 July 2022 to 30 June 2023 – Report to Rangiora-Ashley Community Board Meeting 13 September 2023 – Circulates to Woodend-Sefton, Oxford-Ohoka and Kaiapoi-Tuahiwi Community Boards.
- 10.14. Summary of Discretionary Grant Accountability 1 July 2022 to 30 June 2023 – Report to Kaiapoi-Tuahiwi Community Board Meeting 18 September 2023 – Circulates to Woodend-Sefton, Oxford-Ohoka and Rangiora-Ashley Community Boards.
- 10.15. July 2023 Flood Recovery Progress Update – Report to Utilities and Roding Committee Meeting 19 September 2023 – Circulates to all Boards.
- 10.16. Transport Choices – New Footpath Programme for Approval – Report to Utilities and Roding Committee Meeting 19 September 2023 – Circulates to all Boards.

- 10.17. Amendment to Kerb & Channel Renewal Programme 2023/24 – Report to Utilities and Roading Committee Meeting 19 September 2023 – Circulates to all Boards.
- 10.18. Annual Report on Dog Control 2022/2023 – Report to District Planning and Regulation Committee Meeting 19 September 2023 – Circulates to all Boards.
- 10.19. Annual Report to the Alcohol Regulatory and Licensing Authority 2022/2023 – Report to District Planning and Regulation Committee Meeting 19 September 2023 – Circulates to all Boards.

Public Excluded

- 10.20. Proposed Sale of 136 Fishers Road, Okuku – Report to Council Meeting 5 September 2023 – Circulates to all Boards.

Moved: T Fulton Seconded: S barkle

THAT the Oxford-Ohoka Community Board:

- (a) **Receives** the information in Items.10.1 to 10.19.
- (b) **Receives** the separately circulated public excluded information in item 10.20.

CARRIED

11. MEMBERS' INFORMATION EXCHANGE

S Barkle

- Oxford-Ohoka Community Board Meeting.
- Plan Change 31 Hearing – Attended each day of the hearing. Submitted along with T Robson on behalf of the Board and the community against the proposal.
- Workshop – update on flooding matters.
- Speed Management Plan discussion.
- Woodstock Landfill Teams Meeting – Catch up before hearing began. Final preparation of submission for hearing.
- Speed Management – review report on speed management.
- Woodstock Quarry Hearing – Attended each day of the hearing.
- Woodstock Submission – Submitted evidence on behalf of the Board and community along with T Robson, against the proposed landfill.
- Meet and Greet with Youth Council – A great chance to meet the Youth Council. A great bunch of young adults. Loved their involvement and enthusiasm for their roles. They had some brilliant ideas and look forward to seeing them come to fruition. A great asset to the community.
- Woodstock Quarries Hearing –Was great to hear the community submit and express their very relevant concerns.
- Washington Way Community Meeting – well done M Brown for getting these residents together to discuss options with Council staff. Very beneficial for all involved.
- Mandeville Community Meeting – Attended community meeting regarding the Mandeville Resurgence consultation. A great turnout from the community. They had some excellent feedback and gave some very good alternative stage two suggestions. Hope that now Council staff would investigate these and see if they may in fact be a better approach. There was a definitive dislike for the old Eyre bed to be used for diverting any water.
- Recommencement of Woodstock Hearing – attended via zoom link.
- Water Regulator Meeting – met with other Board Chairs and Councillors with the Taumata Arowai. Asked questions about private well owners and how they were informed and looked after.

G Cleary noted that subsequent to that meeting Council staff had circulated their private well brochure to Taumata Arowai to see if they had any comment. They had been working on their own information as well. It was a good topic to raise, and Council staff had had some conversation with the regulator with the view to get better information for the private well owners.

- Ohoka Mandeville Rural Drainage Advisory Group Meeting – Discussion around the maintenance of the Ohoka Stream.

T Fulton

- North Canterbury Neighborhood Support – had a couple of good workshops including some visioning exercises, a sort of test of our mental capacity and creative use of language. They wanted to be more precise about what they were doing for the community and why they did it and who they worked with which extended to working with Civil Defence, community hubs and community associations.
- Mandeville Upgrade Project – information session for Councillors.
- All Boards Briefing.
- Mandeville Resurgence Channel Upgrade – Strong community opposition to old Eyre River option. Ideas put forward from residents for Eyre diversion channel and related works.
- Audit and Risk Committee Meeting.
- Council Workshop.
- Community Network Forum, Oxford.
- Mandeville Channel Upgrade Kaiapoi Meeting - Strong community opposition to old Eyre River option. Ideas put forward from residents for Eyre diversion channel and related works.
- Wai Connection Meeting Dunsandel – An interesting workshop discussing options for more sustainable water management across Canterbury.
- Oxford Promotions Action Committee Meeting.
- Utilities and Rooding Committee Meeting.
- Council Workshop – Emergency Management Bill.
- Ministerial Visit for Belgrove – Megan Woods. Infrastructure Acceleration Fund – funded infrastructure projects – a brief tour of site including swales and roading.
- District Planning and Regulation Committee Meeting.
- Meeting with Taumata Arowai (Water Services Regulator) – an explanation of the options and issues for water treatment in the district.
- Water Zone Committee monthly catchup with Council staff.
- Finance and Revenue Policy Workshop.
- Water Zone Committee Meeting.
- Council Meeting.
- Attended a food and farming workshop for rural professionals in Dunsandel.
- Confirmation of new Trustees for the Oxford Health and Fitness Centre Trust, including himself as Chair. The Oxford Health and Fitness Centre was fundraised with volunteers and the Trust would very much like to add on a new wing for mums and bubs classes and active silvers classes. There had been some work that the current Committee were doing to set up new Trustees and go through the hoops of charity services and IRD. They were reaching a point where they could apply for Resource Consent and funding applications.
- Talked to various Swannanoa landowners about their flooding issue. Not all had submitted to the Mandeville Resurgence Channel Consultation but had encouraged them to do so.

M Brown

- Oxford Promotions Action Committee Monthly Meeting.
 - Oxford Dark Sky Group presented.
 - Oxford Town map to be updated.
 - Mission statement change – ongoing work.
 - Review of Santa parade for December 2023.
- Oxford Rural Drainage Advisory Group Meeting – they were looking at future capital works to some of the drains. One of the farmers thought that some of the flooding in West Eyreton had been caused by changes to work further up the road towards Oxford.
- Had an approach from a Board member at the Advisory Group meeting there was a shingle road, Mounseys Road, there was a local resident doing 100km/h and a lot of the residents were concerned about the danger and wanted to reduce the speed limit.

M Wilson

- All Boards Briefing.
- Public Meeting Mandeville Resurgence – useful local knowledge shared.
- Attended Just Action Conference: Voices for Change – Excellent day looking at Alcohol Harm and Community Action. Alcohol harm was significant, and drinking had become normalized. Helpful information about actions points for change.
- Alcohol and Drug Harm Prevention Steering Group Meeting – Presentation by Emma Woods on her qualitative findings about the impact of drug and alcohol harm in North Canterbury. We could use this information to inform our action moving forward.
- Waimakariri Health Advisory Group Meeting – there were some positive things coming out of the rural health gathering momentum across strategies and that the voice was being heard about rural health after 20 years. There was the challenge regarding after hours and its closure. The impact to the workforce challenges at the moment. There was loss of nurses in rural areas because the pay rate was different to that of Te Whatu Ora, so they were moving to Te Whatu Ora which was having a significant impact. The impact for teens in the 15-17 age group that were not pediatric and were not adults and they were used to being stretched apart at either end but that was not currently happening the same and. They were collecting noticeable gaps around the community which they would take to Te Whatu Ora.

P Merrifield

- Oxford-Ohoka Community Board submission regarding Landfill – support T Robson and S Barkle.
- West Eyreton public meeting regarding flooding.
- Oxford-Ohoka Community Board meeting.
- All Boards Briefing.
- Mandeville Resurgence Public meeting.
- Oxford Museum monthly meeting.
- Pleased with the numbers they had been getting for the Woodstock Hearings, Plan Change 31, the Mandeville Resurgence.

N Mealings

- Property Portfolio Working Group Meeting.
- Mandeville Resurgence Channel Upgrade Councillor information briefing.
- All Boards Briefing.
- Plan Change 31 Hearing – last day of hearing – right of reply for applicants and wrap-up.
- Mandeville Resurgence Channel Upgrade drop in session at Mandeville Sports Centre – Excellent local turnup gave good food-for-thought to Council staff regarding options under consideration and possible changes.
- Council Workshop.
- Woodstock Hearing – Attended via teams – reporting officers replies.
- Met with Waimakariri Biodiversity Trust Coordinator – regarding recent Waimakariri Biodiversity Trust projects and opportunities for collaboration.

- Alcohol and Drug Harm Prevention Steering Group Meeting – E Woods presented her research paper on Drug and Alcohol harm in the district. This would make a valuable contribution to our future direction with the steering group, and they were indebted to her for her efforts.
- Utilities and Roading Committee Chairperson Briefing.
- Utilities and Roading Committee Meeting.
- Council Workshop on Emergency Management Bill Submission.
- Taumata Arowai visit with Council – Meeting with the water services regulator.
- Ohoka Rural Drainage Advisory Group Meeting - Group felt Mandeville Resurgence drop-in produced good feedback. Still a preference for direct to Eyre River for stage two.
- Mandeville Sports Club Board Meeting – prep for Annual General Meeting.
- Attended Making Good Decisions recertification course – Regional Management Act commissioners must renew their qualifications three years after first qualifying, and then five yearly thereafter.
- Attended Contractors Briefing – Waimakariri District Council holds an annual briefing for current and perspective contractors to inform them of upcoming works and the process for tendering. Good turnout a wide variety of contractors.
- Community Wellbeing North Canterbury Trust Meeting – Discussed potential fundraising event and social media campaign. Annual General Meeting to be held 25 October 2023.
- Civil Precinct and Library Steering Group Meeting – First meeting. Chairperson appointed. Terms of Reference agreed on.
- Council Workshop – regarding long Term Plan finance and revenue policy. Rates form 54% of Council revenue, the rest was from fees and charges such as development contributions and user pays charges.
- Mandeville Sports Club Annual General Meeting – two new members elected to the Board. D Sutherland (previously co-opted now elected) and J Hamilton. Discussed plans for clubrooms and possible formation of subcommittees to facilitate club / community involvement in projects on site.
- Portfolio catch-up.
- Mandeville Sports Club monthly catch up – Discussed perspective clubs interested in possibly locating at the Mandeville Sports Centre. Long Term Plan submission discussion.
- Attended inaugural North Canterbury Inclusive Sports Festival – helped with / took part in the first inclusive Sports Day held at Mandeville Sports Day held at MainPower Stadium for young people with disabilities to try a range of modified sports like wheelchair basketball, boccia, adaptive football and various gym classes. Brainchild of young para-athlete and Waimakariri Youth Council co-chair Zack. Was a brilliant day with a great turnout, and a good time was had by all.
- Council Workshop / Briefing.
- Council Meeting – Speed Management Plans to go out for consultation. Ohoka Domain Advisory Group planting grant approved to re-allocate to Gatekeepers Lodge.
- Unable to attend the Northern Biosecurity Advisory Group meeting due to a scheduling clash, but of interest are the following Environment Canterbury items that people may wish to subscribe to or check out:
 - You could sign up to the Biosecurity Bulletin, the quarterly online iteration of ECan's newsletter which was once the publication 'BioBites'. (<https://www.ecan.govt.nz/yourregion/yourenvironment/our-natural-environment/pest-management/sign-up-to-the-biosecurity-bulletin/>).
 - And many of you will be interested in topics within Rural Matters, a monthly newsletter covering the latest in rural news. (<https://us11.campaignarchive.com/home/?u=5e10fe869a2e9e83ca78a1606&iid=8fc3bc5426>).
 - Also, a brand new Pest Search function has been launched on the ECan website which contains a library to help people identify over 100 invasive pest plants and animals found in Canterbury land or water. (<https://www.ecan.govt.nz/pest-search/>).

12. CONSULTATION PROJECTS

Nil.

13. BOARD FUNDING UPDATE

13.1. Board Discretionary Grant

Balance as at 30 September 2023: \$2,745.

13.2. General Landscaping Fund

Balance as at 30 September 2023: \$13,680.

The Board noted the funding update.

14. MEDIA ITEMS

15. QUESTIONS UNDER STANDING ORDERS

16. URGENT GENERAL BUSINESS UNDER STANDING ORDERS

NEXT MEETING

The next meeting of the Oxford-Ohoka Community Board is scheduled for 7pm, Wednesday 8 November 2023 at the Ohoka Community Hall.

THERE BEING NO FURTHER BUSINESS THE MEETING CLOSED AT 8:27pm.

CONFIRMED

Chairperson

Date

- | |
|--|
| <p>Workshop (7:54pm to 8:27pm)</p> <ul style="list-style-type: none"> • <i>West Eyreton Pit – Grant Stephens (Design and Planning Team Leader)</i> • <i>Members Forum</i> <ul style="list-style-type: none"> ○ <i>Queries Spreadsheet</i> |
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NOTES OF A WORKSHOP OF THE OXFORD-OHOKA COMMUNITY BOARD HELD IN THE COUNCIL CHAMBER, 215 HIGH STREET, RANGIORA ON WEDNESDAY, 4 OCTOBER 2023 AT 7:54PM.

PRESENT

T Robson (Chairperson), S Barkle (Deputy Chairperson), M Brown, T Fulton, N Mealings, P Merrifield and M Wilson.

IN ATTENDANCE

G Cleary (General Manager Utilities and Roading), G Stephens (Design and Planning Team Leader), K Rabe (Governance Advisor) and C Fowler-Jenkins (Governance Support Officer).

APOLOGIES

R Harpur.

1. West Eyreton Pit

Presenter: G Stephens (Design and Planning Team Leader)

- There was talk at the Washington Place public meeting about the pit being utilised as drainage storage. But would that then become a Three Waters asset?

With Three Waters it all depended on what happened with the General Election. The legislation as it was written the water entity could take whatever they wanted. Council may not get a say the entity could just tell us they were taking everything. That was the case for all the sites where Council had water assets. The entity Chief Executive had enormous powers. As far as the stormwater function, it was not 100% certain but the way it was, urban stormwater would go to the entity and rural stormwater and land drainage stayed with Councils. If that was the case the issue with Washington Place would remain with the Council in the future. If the election went the other way and the current Government was not there anymore, the opposition party had said that they would repeal all that and Council's would be given a period of time to demonstrate that they could manage their water services.

- Understand that some of these sites that had a mixed use. Arguably the West Eyreton pit was drainage and three waters and did not have a mixed use. Where Council had significant natural areas acting as a reserve as a multiple use site. Where there was more than one use that Council could enter into an agreement with the entity to retain those things for those function. Was that something that Councils had to earmark ahead of time?

Council had already done that. But Council was ultimately quite powerless in that negotiation but that was the intention that they would listen to all of Councils preferences.

- There were oak trees on the boundary which were of historical value to the community. There were oak trees in the Oak Reserve and there were three on the far boundary that would need to be protected. There was a vision café done ten years ago in West Eyreton and the pit was on the agenda but did not get enough points from the community, but the general idea was to have it filled in, but they did not know about the flooding issue back then. The idea was to have it planted out and turned into a wetland. There had been a lot more birds returning to it recently. It was generally an untidy hole.
- In its current state that because of the high groundwater levels there was a lot of rushes coming through. Along the undercurrent channel there was lots of rushes popping up at the moment. The levels had been so high for the last two to three years you could see what the ground wanted to do and what rushes would do was early stage ephemeral wetland. Some of our wetland rules, our national policy statement supported this sort of thing. It would be an interesting exercise to do.

- Sitting on a working group for the Councils Natural Environment Strategy and one of those things that they had looked at were looking at parcels of land that Council currently held, and it all depended on whether we wound up with an entity taking those parcels. But things like this could be developed as a wetland and planted in natives and made to look nice. Council could tidy it up and bring some birds back, have some carbon sinkage. Do something good with this for the next generations to come.
- From a Waimakariri Water Zone Committee point of view the ecologists had investigated what parcels of land Waimakariri had which may be suitable for reserve plantings, green spaces, three waters land that may be out of the way serving no purpose.
- People wanted to see it tidied up and used for something. The idea of planting the bottom of it out as a wetland style concept and the top that was sympathetic to the history and something that tied in with the Oaks.
- From a safety point of view the fencing of swimming pools act requires fencing of all pools but anything that had been constructed for the purpose of swimming or recreational purposes which did not capture this. Council had a lot of this sort of thing, irrigation races, Stockwater races and stormwater ponds. It was something that you had to be conscious of there was a safety issue there, but it was something that you could not control the water just came it was a naturally occurring phenomenon. There might be a decade where the water table was significantly lower than the pit and it would be a challenge to find the right species that would survive when it was dry and when it was flooded.
- The Council had some ecologists that was their passion and they looked at what plants you could use in the pit, what plants would have been there but now that it was a changed landscape what plants would be best located there to build biodiversity and to be used as a stormwater function.

THERE BEING NO FURTHER BUSINESS, THE WORKSHOP CONCLUDED AT 8:27PM.

WAIMAKARIRI DISTRICT COUNCIL**REPORT FOR INFORMATION**

FILE NO and TRIM NO: DRA-20-42-08 / TRIM 231006159247


REPORT TO: OXFORD-OHOKA COMMUNITY BOARD

DATE OF MEETING: 8 November 2023

FROM: Mark Henwood – Project Engineer
Jason Recker – Stormwater and Waterways Manager

SUBJECT: Oxford Stormwater Upgrade – Church Street Reserve

SIGNED BY:
(for Reports to Council,
Committees or Boards)


General Manager


Chief Executive

1. SUMMARY

- 1.1 This report is to update the Utilities and Roading Committee on progress of the investigation work for the Church Street Reserve (also referred to as Dominic's Reserve) in Oxford and seek approval of the proposed solution to alter the existing secondary flow path away from residential properties and into the Church Street Reserve which outlets to the road reserve.
- 1.2 The 189 High Street Report Concept Options Report (Attachment i) looks at various options to take flow away from near 189 High Street. These were options such as piping to Weld Street and providing drainage along Weld Street or piping to farmland by the Oxford Working Men's Club. Due to the cost of these options and the extent of the works required for a viable solution this was put on hold in favour of upstream works around the Church Street Reserve.
- 1.3 The Church Street Reserve works will involve upgrading the existing inlet into the swale, swale alterations in MainPower land to prevent secondary flow through private properties and formalisation of the spill point on to Church Street.
- 1.4 There is a separate project to conduct improvements at the A&P Showgrounds, with construction programmed for the 2024/25 financial year. This will provide an ultimate solution to the flooding experienced at 189 High Street due to re-directing the catchment into Pearsons Drain. The works at Church Street Reserve covered by this report address a minor improvement in the short term, and formalisation of flow pathways for the long term.
- 1.5 This is the first stage of stormwater improvement works in the Burnett Street and High Street area. It is compatible with the proposed Oxford Agricultural and Pastoral (A&P) Showgrounds upgrades and an essential part of the total stormwater improvement works.

Attachments:

- i. 189 High Street Report Concept Options Report – TRIM 220922165131
- ii. Oxford Stormwater Investigations Memo – TRIM 221107193489
- iii. Church Street Reserve Overview – TRIM 231030173160

2. **RECOMMENDATION**

THAT the Oxford-Ohoka Community Board:

- (a) **Receives** report No. 231006159247.

AND

THAT the Oxford-Ohoka Community Board recommends:

THAT the Utilities and Roading Committee:

- (b) **Approves** the proposed solution to formalise the secondary flow path in 58 Burnett Street away from residential properties and onto Church Street from Church Street Reserve.
- (c) **Notes** that the secondary flow path will be altered to convey stormflows into the Church Street Reserve where it will drain to ground in moderate storm events. In large storm events the stormflow will spillover into Church Street which outlets into the road reserve.
- (d) **Notes** that there is a separate project at the A&P Showgrounds, with construction programmed in the 2024/25 financial year. This project will mitigate the flooding issues experience at 189 High Street
- (e) **Notes** that this work is funded by budget PJ 101964.000.5123, which has a total budget of \$200,000 for 2023/24. Total expected project expenditure including construction and design fees is \$157,000.
- (f) **Notes** that a portion of the above costs are allocated to design of the A&P Showground improvements (\$35,000).

3. **BACKGROUND**

- 3.1 The need for an upgrade at Church Street Reserve was identified following flooding and ponding outside the property at 189 High Street in multiple storm events. Between 183 and 193 High Street between 14/08/2017 and 12/07/2022 at least 30 service requests have been made in relation to flooding and drainage maintenance.
- 3.2 There has previously been work done, including refurbishing of existing soak pits as well as additional soak pits installed near 189 High Street. Anecdotal evidence suggests that this has improved the situation in short duration storm events, but issues still occur in long duration storm events.
- 3.3 There is an existing swale in 58 Burnett Street (owned by MainPower) taking stormwater from Burnett Street via sumps and pipes. This swale runs along the southern side and east side of the property into Church Street Reserve which was an old gravel pit.
- 3.4 During heavy rainfall events it appears stormwater breaches the swale at the southeastern corner of 58 Burnett Street and flows east through residential properties towards High Street where it ponds outside 189 High Street. This is also indicated from the topographical survey of the land.
- 3.5 Consultation with MainPower has confirmed they approve works to the site if they are outside the fenced substation site.
- 3.6 These works are to be done in conjunction with stormwater upgrades to be made in the Oxford Agricultural and Pastoral (A&P) Showgrounds in 2024 / 2025 to prevent overland flow through residential properties. The A&P Showgrounds work is expected to provide much greater mitigation of the issue than the current work at Church Street Reserve.

- 3.7 The Oxford Stormwater Investigations Memo provides a high-level assessment of the stormwater drainage in Oxford between Bay Road in the west and High Street in the east, Main Street in the south and Church Street in the north (Attachment ii).
- 3.8 The proposed works (Attachment iii) will involve:
- Increasing the swale dimensions through 58 Burnett Street to Church Street Reserve to provide a swale capacity for the 1 in 50-year, 1 hour storm duration event. The swale will be formed entirely within 58 Burnett Street as it is currently partially in 54A Burnett Street and very close to the boundary of 23 Church Street.
 - Bunding on the southern and eastern side of the swale will be constructed to mitigate overland flow through residential properties.
 - An easement is to be placed over the swale in 58 Burnett Street.
 - The existing inlet will be upgraded with new pipe and outlet into the swale with a riprap apron.
 - A lowered driveway outlet on Church Street next to the 23 Church Street Boundary will be constructed as the spill point for the Stormwater Basin into Church Street southside kerb and channel. This will formalise the spill point and prevent overland flow from the swale through residential properties.
 - Excess cut material from the swale is to be used to reduce the slope next to 23 Church Street Boundary.
- 3.9 This option will provide drainage improvements by conveying secondary flows away from private properties during storm events and into the Church Street Reserve which outlets to the road reserve.
- 3.10 There is additional works at the A&P Showgrounds programmed for construction in the 24/25 financial year. This work will mitigate the flooding issues at 189 High Street.
- 3.11 The key milestone dates for this project are shown in Table 1.

Table 1: Key Milestones and Dates

Key Milestone	Start	Complete
Tender	28/11/2023	18/12/2023
Construction	15/01/2024	26/04/2024
Project Complete		30/06/2024

4. **ISSUES AND OPTIONS**

- 4.1. Option 1 – Proceed with Oxford Stormwater Upgrade - Church Street Reserve. This option conveys secondary flow downstream of 58 Burnett Street away from residential properties and into the Church Street Reserve where it will drain to ground in moderate storm events. In large storm events the stormflow will spillover into Church Street which outlets into the road reserve. This is the recommended option as it mitigates secondary flow from 58 Burnett Street and Church Street Reserve through residential properties. It is proposed to tender this contract this year and construct in the 2023/2024 financial year.

Option 2 – Do not proceed with Oxford Stormwater Upgrade - Church Street Reserve and consider putting additional budget towards Oxford A&P Stormwater Upgrades. This is not the recommended option as secondary flow in large storm events will continue through residential properties at this location. There is budget available in the current financial year for this work.

Implications for Community Wellbeing

There are implications on community wellbeing by the issues and options that are the subject matter of this report.

Social – Alterations to secondary flow path provides benefits to the residents downstream of 58 Burnett Street and Church Street Reserve.

- 4.2. The Management Team have reviewed this report and support the recommendations.

5. **COMMUNITY VIEWS**

5.1. **Mana whenua**

Te Ngāi Tūāhuriri hapū are not likely to be affected by, or have an interest in the subject matter of this report.

5.2. **Groups and Organisations**

- The community has not been informed of the timeframes for this project.
- No community groups or organisations have yet been consulted on this proposal.

5.3. **Wider Community**

- There has been no consultation as yet with the wider community on this proposal. The wider community may be affected by this proposal by directing secondary flow from residential properties into southern side of Church Street.

6. **OTHER IMPLICATIONS AND RISK MANAGEMENT**

6.1. **Financial Implications**

There are financial implications of the decisions sought by this report.

- The current budgets have the following allocations:
 - High Street Drainage – SW LOS (P.J. 101964.000.5123) - \$200,000 (construction 2023/2024)
- The Engineers Estimate including professional fees is \$97,000 outlined in Table 2.

Table 2: Engineer's Estimate

Item	Amount
Spent to Date	\$25,000
Church Street Reserve Construction	\$60,000
Professional Fees	\$25,000
Contingency (20%)	\$12,000
Total Church Street Reserve	\$97,000
Oxford A&P Design Fees against this budget	\$35,000
Total	\$157,000

- No budget changes are proposed as part of this report or staff submission to the Draft Long Term Plan. Any overspend will be reported to Council as part of the drainage staff submission report on the 2023/24 Annual Plan.

6.2. Sustainability and Climate Change Impacts

The recommendations in this report do have sustainability and/or climate change impacts. The recommendation is to divert secondary flow away from residential properties. With heavy rainfall events predicted to occur more often in the future this will help mitigate secondary flow through private properties.

6.3. Community Implication

- The recommended approach would benefit the community by reducing the impact of storm events in the catchment and the risk of secondary flow through residential properties.

6.4. Risk Management

- There is a risk in the interim period before an upgrade is implemented that secondary flow through residential properties could occur during significant rainfall events.
- The normal risks associated with construction apply and are partially addressed by provision of a 20% overall project contingency within the cost estimates.
- There remains a residual risk following the works of the water spilling into 23 Church Street and through other residential properties due to similar spill levels on to Church Street and the boundary and limited freeboard provided for the basin.

6.5. Health and Safety

There are health and safety risks arising from the adoption/implementation of the recommendations in this report.

- There will be a Safety in Design process undertaken as part of the detailed design process, to identify and mitigate construction, maintenance and end user risks.
- Contractors Health and Safety methodology and track record will be assessed in the tender evaluations and a site-specific safety plan will be required.

7. **CONTEXT**

7.1. **Consistency with Policy**

- This matter is not a matter of significance in terms of the Council's Significance and Engagement Policy.

7.2. **Authorising Legislation**

- The Local Government Act is relevant in this matter.

7.3. **Consistency with Community Outcomes**

- There is a safe environment for all
 - Harm to people from natural and man-made hazards is minimised.
 - Our district has the capacity and resilience to quickly recover from natural disasters and adapt to the effects of climate change.
- Core utility services are provided in a timely and sustainable manner
 - Harm to the environment from sewage and stormwater discharges is minimised.
 - Council sewerage and water supply schemes, and drainage and waste collection services are provided to a high standard.

7.4. **Authorising Delegations**

- The Utilities and Roading Committee is responsible for activities related to Stormwater drainage.

WAIMAKARIRI DISTRICT COUNCIL**MEMO**

FILE NO AND TRIM NO: PD001901 / 220922165131
DATE: 30 September 2022
MEMO TO: Kalley Simpson, 3 Waters Manager
FROM: Mark Henwood, Project Engineer
SUBJECT: 189 High Street Options Memo

1. **Purpose**

To provide a high level options report with cost estimates to assist with the decision of the preferred option for improvement.

2. **Background**

The following section provides a background to the history of flooding issues in the area near 189 High Street, Oxford.

2.1. Service Requests

There has been flooding outside 189 High Street in several rainfall events. A search of services requests in Tech One regarding flooding outside this property showed that 14 service requests were made between 18/09/2017 – 12/07/2022.

Requests included the following information:

- Drainage was not function properly
- Flooding happens every time it rains
- Vehicles driving through flood waters pushes water under her house.
- Vehicles have pushed water into one of her rooms
- Work done to fix the problem has failed.
- Mayor has been notified of ongoing issues
- Damage to property and carpet replaced.

189 High Street is an old property and has no setback from the road boundary. Therefore wave action from vehicles driving through ponded water can more easily push the water into the building. Records indicate this house was built in the 1910 decade.

There have also been requests regarding flooding and drainage made by 183, 184, 185, 186 and 187A High Street on eight dates between 14/08/217 and 12/04/2022. A list of flooding service requests from 104 - 193 High Street, Oxford can be found in Appendix B.

The Tech One service requests appear to go back to September 2014.

2.2. Oxford Stormwater Management Plan Review

In 2002 an Oxford area wide stormwater management plan was completed (see Trim Number 180510051099). This noted that the soak holes on High Street have a history of flooding during large storm events and that there is risk to the properties due to flooding. It mentioned that the overland flow path is currently lacking in the area. The report provides options for a 5 year upgrade and a fifty year upgrade for the stormwater network (with the main difference for the fifty year being larger pipes). The five year upgrade was recommended at the time with no high risk flooding problems on site.

This showed a stormwater system flowing into a proposed swale at the High Street / Weld Street intersection (see Appendix A).

The development of property in the surrounding area of 189 High Street, Oxford since this stormwater management plan is likely to have increased the flooding problems around the low point outside 189 High Street. There are new developments along Church Street with the properties stormwater runoff going to kerb outlets on Church Street. There is also a new development at 187 High Street that drains to a bubble up sump (now connected to a soak pit) in High Street. These developments have significantly increased the stormwater runoff in the area.

The report recommended that if stormwater was diverted to Pearson Drain that the Pearson Drain is upgraded along Oxford Road as well due to the increased flow in Pearson Drain.

3. Existing Stormwater Network

The existing stormwater drainage near 189 High Street, Oxford is shown in the Figures 1 to 4 below. A layout from the 2002 Stormwater Management Plan is also attached in Appendix A (there are new sumps, pipes and soak pits in the area since this management plan).



Figure 1: Existing High Street Drainage Overview



Figure 2: Existing Drainage - 189 High Street



Figure 3: Existing Drainage - Oxford Working Mens Club, High Street



Figure 4: Existing Drainage – Pearson Drain, High Street

3.1. Sumps

It has been noted that in Oxford, including this area, that there are a lack of sumps for stormwater collection. There are long stretches of road without a sump.

For example:

- Church Street between Bay Road and Burnett Street along the southern kerb and channel there is only one sump at the corner of Burnett Street / Church Street. This is over a 470m stretch of kerb and channel without a sump.
- Church Street between Burnett Street and High Street there is also only one sump on the southern side kerb and channel near the corner of High Street. Along here roof water also flows to the kerb and channel. This is over a 300m stretch of road without a sump.

Sumps spaced at more than 90m intervals (WDC ECoP) are not desirable. This is because as the flow across the road increases it means downstream sumps will only capture a portion of the road flow or if in a sag it creates a larger pond to be captured in the low point of the catchment.

Piping from the southern side of Church Street to the Church Street Drain on the northern side is not advised due to potential backflow when this drain is flowing full.

3.2. Existing Capacity

The current network upstream relies on drainage channels and soakage which is overwhelmed during heavy rainfall events meaning secondary flow occurs through properties in an eastwards direction.

Soakage rates will vary depending on saturation of the ground and the condition of the soak pit. For the purposes of design it has been assumed in heavy rainfall events that the soak pits have negligible capacity.

The existing capacity of the network is not sufficient as buildings are flooding. 189 High Street floods in less than a 1 in 50 year storm event from wave action generated by moving vehicles in ponded water on High Street. Therefore it is not meeting the required level of service).

4. **Catchment Analysis**

The catchment at 189 High Street was divided into multiple catchments. These catchments assume no spill over from other catchments. However, there is potentially spill over from the pond on the Burnett Street / Church Street Corner. This may then flow through the 187 High Street Right of Way and then when the soak pits in High Street are overwhelmed it ponds outside 189 High Street.

Proposed catchment improvements involving bunding upstream around the Oxford A&P showgrounds and bunding around the pond at Dominic's Reserve, may help to alleviate some of the overflow downstream into this catchment.

A catchment plan is shown in Figure 5.

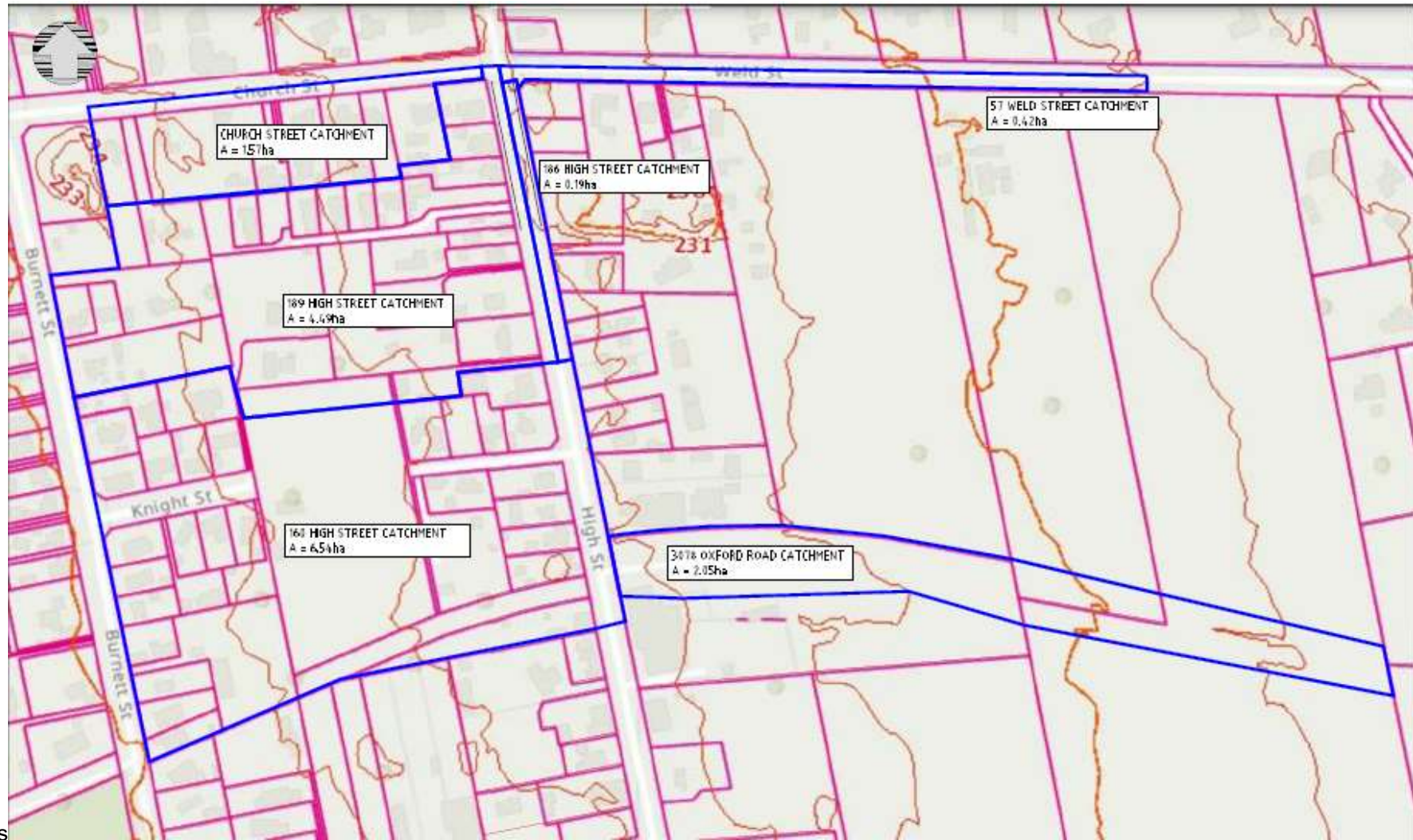


Figure 5: 189 High Street Stormwater Upgrade Catchments

5. **Concept Design Options**

Having an adequate piped stormwater network or naturalised drains with sufficient capacity to prevent flooding of buildings in a 1 in 50 year storm event and flooding of streets in a 1 in 5 year storm event is required to meet the appropriate level of service. The following options look at provide this level of service to the 189 High Street catchment.

As 189 High Street is in the low point in the catchment we also need to capture the secondary flow to prevent flooding of property and buildings.

5.1. Option 1 – High Capacity Sumps to Bubble up in Weld Street Swale

This option involves piping the secondary flow from outside 187 High Street to bubble-up manhole in Weld Street. The Option 1 concept drawing can be found in Appendix D.

Weld Street is the closest Council owned area that naturally grades away from 187 High Street.

The advantages of this option are:

- Secondary flow diverted away from 187/189 High Street
- Shortest distance to pipe flow to an outlet
- Secondary flow can hydraulically bubble up

The disadvantages of this option are:

- Power poles located in proposed swale – deeper foundations maybe required or relocation.
- Water main located in berm may need to be deepened.
- A long length of swale required to be constructed and regraded.
- Driveways crossing swale require piping.
- Sewer laterals crossing Weld Street in location of swale (depth unknown)
- Pipes and sumps could block resulting in ponding outside 187/189 High Street.

The swale has been allowed to be regraded for 180m downstream of the outlet. In reality a swale would need to be formed to a suitable discharge point for the secondary flow this is likely to be a significant distance (see Section 7 Discussion). However, the flooding with the proposed upgrades in Option 1 would be alleviated from High Street but may result in flooding at where the swale formation finishes downstream.

If the design allowed for some storage / ponding in the road reserve it may mean pipe sizes downstream could be reduced but not significantly. (This is estimated to be a maximum of one pipe size). No pipe blockage allowance has been made in the calculations for Option 1.

5.2. Option 2 – Pipe down to old railway reserve / Oxford Working Mens Club (160 High Street) and discharge into farm swale

This option involves piping the secondary flow southwards down High Street towards the old drainage reserve at 160 High Street Oxford Working Mens Club. The Option 2 concept drawing can be found in Appendix D.

There is a DN300 pipe from the road to the outlet on the east side of the bowling club serving two sumps near 167 High Street and carpark drainage from the Oxford Working Mens Club. In Option 2 this pipe would be replaced with a DN1050 pipe.

Visual inspections at the outlet indicate the ground level rises from the DN300 pipe wingwall outlet. It is recommended to regrade the swale downstream of the outlet to allow adequate flow from the outlet.

The swale has been allowed to be regraded for 420m downstream of the outlet to the boundary of 3050 and 3078 Oxford Road. In reality a swale would need to be formed to a suitable discharge point for the secondary flow. This is likely to be a significant distance (see Section 7 Discussion). However, the flooding with the proposed upgrades in Option 2 would be alleviated from High Street but may result in flooding in the farmland area where the swale formation finishes downstream

The advantages of this option are:

- Swale easy to construct in farmland
- Flooding or overland flow will be through farmland rather than down the road and across driveways.
- Allows for some flooding alleviation to the south of 189 High Street as well.

The disadvantages of this option are:

- Sewer lateral crossings with piping down High Street may conflict with large diameter stormwater pipe
- Greater piped distance than Option 1 meaning higher cost
- Easements or purchase of land required through farm land for drainage. (There is a drainage channel marked on Waimap. However, there does not appear to be a formalised drainage path through the farmland at this location.)

If the design allowed for some storage / ponding in the road reserve it may mean pipe sizes downstream could be reduced but not significantly. (This is estimated to be a maximum of one pipe size). No pipe blockage allowance has been made in the calculations for Option 2.

5.3. Option 3 – Pipe to Pearson Drain

This option involves piping the secondary flow southwards down High Street to Pearson Drain.

Piping to Pearson Drain is not possible due to the invert of Pearson Drain being higher than the invert of the outlet pipe outside 189 High Street.

- | | |
|---|---------|
| • Kerb invert level 189 High Street | 231.46m |
| • Sump outlet pipe invert level 189 High Street | 230.92m |
| • Pearson Drain invert | 231.09m |

A sufficient rise in Pearson Drain water levels would result in backflow to 189 High Street which is not advisable.

Pearson Drain could potentially be flattened off between Oxford Road and High Street based on Lidar levels from a gradient of 1 in 150 to 1 in 1000. This would result in an invert at High Street of 229.45m (based on Lidar information from Waimap). However, piping the stormwater this far is still a challenge and would require a bubble up system and is not preferred to the other options presented.

Therefore, no further design into piping into Pearson Drain has been done.

5.4. Additional Options not investigated

- Road alterations – Lower crown of road outside 189 High Street to spill to the other side and regrade towards Weld Street
- Buy sections at 188 and 190 High Street (currently grassed sections) and build a detention / soakage basin before spilling into a proposed Weld Street swale.
- Upstream earthworks to re-direct secondary flow. This option is being investigated in another project which may reduce some of the overland flow to this catchment.

6. Budget Estimates

Table 1 shows the cost of each of the options. A breakdown of the costs can be found in Appendix E.

Table 1: Cost of Options

Option 1: Weld Street	\$1,400,000
Option 2: 160 High Street	\$2,500,000

Note: Neither of these costs are complete options / solutions as they do not address the spill over stormwater runoff coming from upstream catchments and the required capacity of the downstream stormwater infrastructure it discharges into. This is discussed in Section 7.

7. Discussion

Below is a discussion regarding the upstream catchment area of 189 High Street, Downstream Catchment Area of 189 High Street and Piping to Campbell Lane.

7.1. Upstream Catchment Area of 189 High Street

There is a stormwater investigation happening of the wider area of Oxford. This includes the catchment area bordered by Bay Road, High Street, Main Street and Church Street.

The upgrade works at 189 High Street should not be consider as an isolated piece of work. A patch repair is not recommended to solve the problem of flooding at 189 High Street. The whole area should be considered and how that relates to this catchment and what presents the best overall solution to the flooding issues experienced across these catchments rather than what is the solution to the issue at this site.

Soakage has been used in Oxford to discharge runoff. However, during significant rainfall events the soakage has been overwhelmed and stormwater flows overland. Therefore soakage is not a recommended discharge option for the stormwater in Oxford. Installation of new soak pits in High Street near number 189 may have had some minor impact in certain rainfall events but they do not solve the issues with ponding in larger events. Soak pits also become clogged up over time reducing there soakage ability.

In the design the catchment calculations have not allowed for any spill over from upstream catchments. It is likely in high rainfall events that the upstream catchments are overflowing downstream and have a knock on effect before reaching a low point outside 189 High Street.

7.2. Downstream Catchment Area of 189 High Street

The presented options have only shown upgrades of swale for a maximum of 180m for Option 1 and 420m for Option 2 downstream of the proposed overflow manhole.

7.2.1. Option 1 – Weld Street

With Weld Street the Option will require significant upgrades downstream of what has been allowed for in the concept option design. The swale will need to be continued from 57 Weld Street all the way along Barracks Road. The Oxford Road drain will most likely need to be upgraded along Oxford Road and then down Oxford Road to where it crosses outside 2 Starvation Hill Road and drains into an irrigation pond.

Along this alignment there are driveway crossings and services in the road reserve.

The estimated works to continue swale further down Weld Street are:

- Swale formation from 57 Weld Street to Barrack Road / Oxford Road Intersection 1650m
- Potential services relocation of 63 PE Water Main – 600m (3078 Oxford Road to Powells Road)
- 6 power pole relocations 57 to 9 Weld Street.
- 13 driveway crossings (may involve a bubble up large diameter pipe system for each)
- Potential road realignment around 121 Weld Street Road bend to accommodate swale or purchase of land.
- Upgrade of culvert crossing Barracks Road at Gardiners Road
- Potential services relocation of 25 PE Water pipe 400m (Gardiners Road to Oxford Road)
- Other service providers may have services also located in the road reserve that need relocating.

7.2.2. Option 2 – 160 High Street / Old Railway Reserve

An appropriately sized swale is needed to be formed along the old railway reserve through farm land. Currently there is no easement over the drain through this land. Should a swale be formed it is recommended to place an easement or purchase the land through which it passes for land drainage. It is also likely that the drain along Oxford Road will need upgrading to take the required flows so that it can pass the flow without flooding the road. This will need to be upgraded.

The estimated works to continue swale further from Option 2 (west boundary 3050 Weld Street):

- Swale formation from west side 3050 Oxford Road to Barracks Road / Oxford Road approximately 1170m.
- Form easement over drain or purchase of land for drainage through properties 160 high Street, 3024 Oxford Road, 3050 Oxford Road, 3064 Oxford Road, 3078 Oxford Road. Allow for a 10m drainage easement 1320m, 1.32ha of easement / land purchase.
- 4 power pole relocations (Oxford Road adjacent to 1 and 19 Weld Street)
- Upgrade of culvert at Barracks Road / Weld Street intersection.

7.2.3. Option 1 and 2 – Barracks Road to Eyre River

Upgrades may also be required to the swale along the side of the road from Barracks Road to the farm land where the swale crosses Oxford Road at 2 Starvation Hill Road and also through the farm land to the Eyre River as shown in Figure 6.

The estimated works to continue swale further from Barracks Road to Eyre River:

- Swale upgrade of approximately 1350m from Barracks Road to 2 Starvation Hill Road Oxford Road crossing.
- Potential service relocation of 63 PE water main (780m from Barracks Road to Starvation Hill Road)
- Two driveway crossings
- Upgrade of culvert at Starvation Hill Road
- Upgrade of culvert at Oxford Road

- Swale upgrade of approximately 2900m through farmland from Oxford Road to Eyre River. (See Figure 6). This land should be considered for an easement or drainage reserve purchase.



Figure 6: Swale from Oxford towards the irrigation pond / Eyre River (Photo courtesy of Google Street View)

7.3. Piping to Campbell Lane

The option of piping Oxford Road / Pearson Drain (from opposite Campbell Lane) to the Flannigan Drain at Campbell Lane could be explored to alleviate flow in the Oxford Road Drain.

8. **Recommendation**

The concept design solutions for the stormwater drainage upgrade at 189 High Street need to factor in the wider flooding problems in the Oxford area. Stormwater and overland flow is likely coming from upstream catchments. There also needs to be a suitable downstream discharge point for the secondary flow before constructing either of the proposed concept options.

Further discussion and a workshop is recommended before proceeding with an Option for improvement. This would involve discussing the stormwater in the Oxford area as a whole, budgeted amounts and if staged upgrades are an option.

WAIMAKARIRI DISTRICT COUNCIL**MEMO**

FILE NO AND TRIM NO: PD001866 / 221107193489

DATE: 7 November 2022

MEMO TO: Kalley Simpson, 3 Waters Manager

FROM: Mark Henwood, Project Engineer

SUBJECT: Oxford Stormwater Investigations

- Agriculture and Pasture Showgrounds
- Dominic's Reserve

1. Purpose

The purpose of this report is to provide a high-level assessment of the stormwater drainage in Oxford between Bay Road in the west and High Street in the east, Main Street in the south and Church Street in the north. The assessment includes preferred options for improvement of the stormwater infrastructure and estimated costs.

2. Background

In 2002 an Oxford area wide stormwater management plan was completed (see Trim Number 180510051099). This highlighted issues with the flooding in Oxford and proposed solutions. It also comments that historically the land to the north of Main Street was very swampy and soakage is often very restricted. For more information on the relevant sections to his work see Appendix A. There have been several complaints from the Oxford area in the past years relating to flooding in properties and some buildings during heavy rainfall events.

Note that the High Street flooding near 189 High Street has been investigated under the 189 High Street Stormwater Upgrade project.

2.1. Service Requests

From previous service request history a few of the residents have been contacted to help better understand the flooding issues in the Oxford area between Bay Road in the west and High Street in the east, Main Street in the South and Church Street in the North.

The key comments from these conversations are noted below.

- 187A High Street – advised that the pond at Dominic's Reserve had overflowed about three times in the past five years and has run through her property more from the northwest corner. In the storm event of 12th July 2022, it happened at night so was hard to see what was happening. She said water was running under her house (not along the back of the garage) and through 187B High Street onto the right of way down to High Street. Flooding in the right of way was about 2 – 2.5 inches deep flowing faster than walking, 2m into driveway.
- 189 High Street – advised that soak pits have made a huge difference in the short-term events but not in the bigger rainfall events. She was annoyed with

people driving down the road and creating a wake into her property. Otherwise indicated it would almost be tolerable. She indicated that water is overflowing from the stormwater pond at 29 Burnett Street down the back of 23, 21 Church Street into the right of way at 187 High Street.

- 21A Burnett Street – Water is overflowing from football field at Showgrounds into 21A Burnett Street. He has said the stormwater basin at 29 Church Street / Dominic's Reserve does overflow.
- 37 Church Street – The drain has been filled in around the A&P showgrounds and overflows through 37 Church Street on to Church Street. There has been water flowing through the garage and bedroom.

For a list of the service requests to the 12 July 2022 from Tech One enquiries please refer to Appendix B and for flooding photos see Appendix C.

2.2. Walkover and visit with residents

On 29 August 2022, the residents of the following properties were talked to on site:

- 19 Burnett Street
- 21A Burnett Street
- 71 Burnett Street
- 53A Burnett Street

The key points from the conversations were:

- The swale from the Oxford Agriculture and Pasture (A&P) Showgrounds has a small concrete block entrance with earth place over it (Figure 1). Going through the section of 55A Burnett Street diagonally to the drainage easement in 53A Burnett Street. There is a fort above 53A Burnett Street in the northwest corner of the section (Figure 2).



Figure 1: Swale Entrance into 55A Burnett Street



Figure 2: Fort in corner of 53A Burnett Street

- Because of the small drain entrance near 55A Burnett Street (Figure 1) stormwater likely backs up in the swale from here and then overflows through the low point near 37 Church Street (lower than the overflow point at 55A Burnett Street). (Exact levels not surveyed due to tree coverage).
- Floodwater from showgrounds overflows into properties at 37 Church Street towards Burnett Street (71 Church Street) (Figure 3).



Figure 3: Oxford A&P Swale looking towards 37 Church Street

- 71 Burnett Street was keen for the swale to be bunded in the A&P Showgrounds.
- A walkover with the resident of 21A Burnett Street was had around the Oxford A and P Showgrounds. He described the floodwater coming through from the showgrounds into his property (see Figure 4 and Figure 5) and believed the showground was legally required to control their stormwater runoff. He had concerns about the trees and dead wood underneath being a fire hazard.



Figure 4: Flooding in Oxford A & P Showgrounds adjacent to 21A Burnett Street



Figure 5: Flooding in 21A Burnett Street, Oxford

- The A and P showgrounds is largely undeveloped – mostly grassland. The fall of the land is towards the properties on the eastern boundary (Figure 6). There could be potential soakage overflow from sites such as Oxford Area School.



Figure 6: Oxford A&P Showgrounds

- 55A Burnett Street said the back of his property (Figure 7) flooded but never in the house and that he was used to this kind of surface water. The previous owner had put in a small custom block drain and blocked off the swale (Figure 1), so the water had nowhere to go when it reached the properties.



Figure 7: Looking at swale entrance from 55A Burnett Street into A&P Showgrounds

- The swale outlet in 53 Burnett Street is blocked by concrete blocks over the grill (Figure 8). There are two small pipes (~200mm diameter) for the inlet and no headwall to take the runoff water to the basin (Figure 9).



Figure 8: Concrete Blocks Blocking Swale Outlet



Figure 9: Piped Swale Outlet 53 Burnett Street

- At 160 High Street – from the DN300 outlet the swale appears to go uphill (Figure 10).



Figure 10: Swale at rear of 160 High Street

2.3. Old Aerial Photographs

The following points were noted from a review of the old aerial photographs accessed through Waimap.

- Aerials 1940 - : Shows more pronounced drainage channel entrance into 53A Burnett Street from A&P Showgrounds.
- Aerials 1955 – 1959: Drainage channel at back of 10 Knight Street / 179B High Street. Looks like a drainage channel through 50 / 54A Burnett Street?
- 189 High Street – Is an old house ~75 years at least, no setback from road frontage, and created an increase in impervious surfaces development.

The aerial photos indicate that there is a current lack of drainage reserves, easements or stormwater network in the area as old drainage channels have been removed through development.

3. **Existing Stormwater Infrastructure**

3.1. Swales

There is a swale through the Oxford A & P Showgrounds that stretches from the east side of 100 Bay Road along the northern boundary then down the eastern boundary to 55A Burnett Street. Here it enters a small concrete block drain under the corner of 55A Burnett Street. This swale goes through a DN300 culvert between 47 and 51 Church Street driveway entrance.

The existing swale capacity versus the design flows is summarised in Table 1.

Table 1: Existing Swale Capacity vs Design Flow Oxford A and P Showgrounds

Swale Location in Oxford A & P Showgrounds	Estimated Capacity (L/s)	Design Flow, 1 in 5 yr, 1 hr (L/s)	Design Flow, 1 in 50 yr, 1 hr (L/s)
100 Bay Road / 59 Church Street	145	60	110
51 / 53 Church Street	95	95	180
DN300 pipe			
37/39 Church Street	570	145	275
55A Burnett Street	330	172	330
Concrete Block pipe at 55A Burnett Street			
Swale in 53A Burnett Street U/S side	260	172	330
Swale in 53 Burnett Street U/S side	100	172	330

The capacity through the swale sections in the A&P showgrounds appears sufficient apart from at 51 / 53 Church Street. At 55A Burnett Street it is likely that the swale is choked by the small drainage pipe and backs up overflowing at 37 Church Street.

3.2. Dominic's Reserve

There is a swale in private property 54A Church Street (private property) and 58 Church Street (MainPower) to Dominic's Reserve at 29 Church Street (Waimakariri District Council). Table 2 gives the estimated capacity and design flows for the swale.

Table 2: Existing Swale Capacity Dominic's Reserve

Swale Location in Oxford A & P Showgrounds	Estimated Capacity (L/s)	Design Flow, 1 in 5 yr, 1 hr (L/s)	Design Flow, 1 in 50 yr, 1 hr (L/s)	Notes
Inlet Pipe to swale 58 Church Burnett Street		250	470	Cross-Section under trees unable to survey with GPS
58/54A Burnett Street & 23 Church Street Corner.	120	250	470	Grade 1:470
58 Church Street / Dominic's Reserve	5100	250	470	Grade 1:30

3.3. Stormwater Network Burnett Street

Figure 11 and Figure 12 below show the existing stormwater network in Burnett Street.



Figure 11: Existing Stormwater Layout: 51 – 71 Burnett Street

The stormwater from the sumps between 53 and 71 Burnett Street flow into Dominic's Reserve at 29 Church Street.

There is piped drainage from the swale outside 53 Burnett Street across Burnett Street to the swale at 54A / 58 Burnett Street which flows into Dominic's Reserve.

The sumps in the area do not have back entries. This means that they can more easily be blocked and have less capacity to take stormwater from the kerb and channel flow.

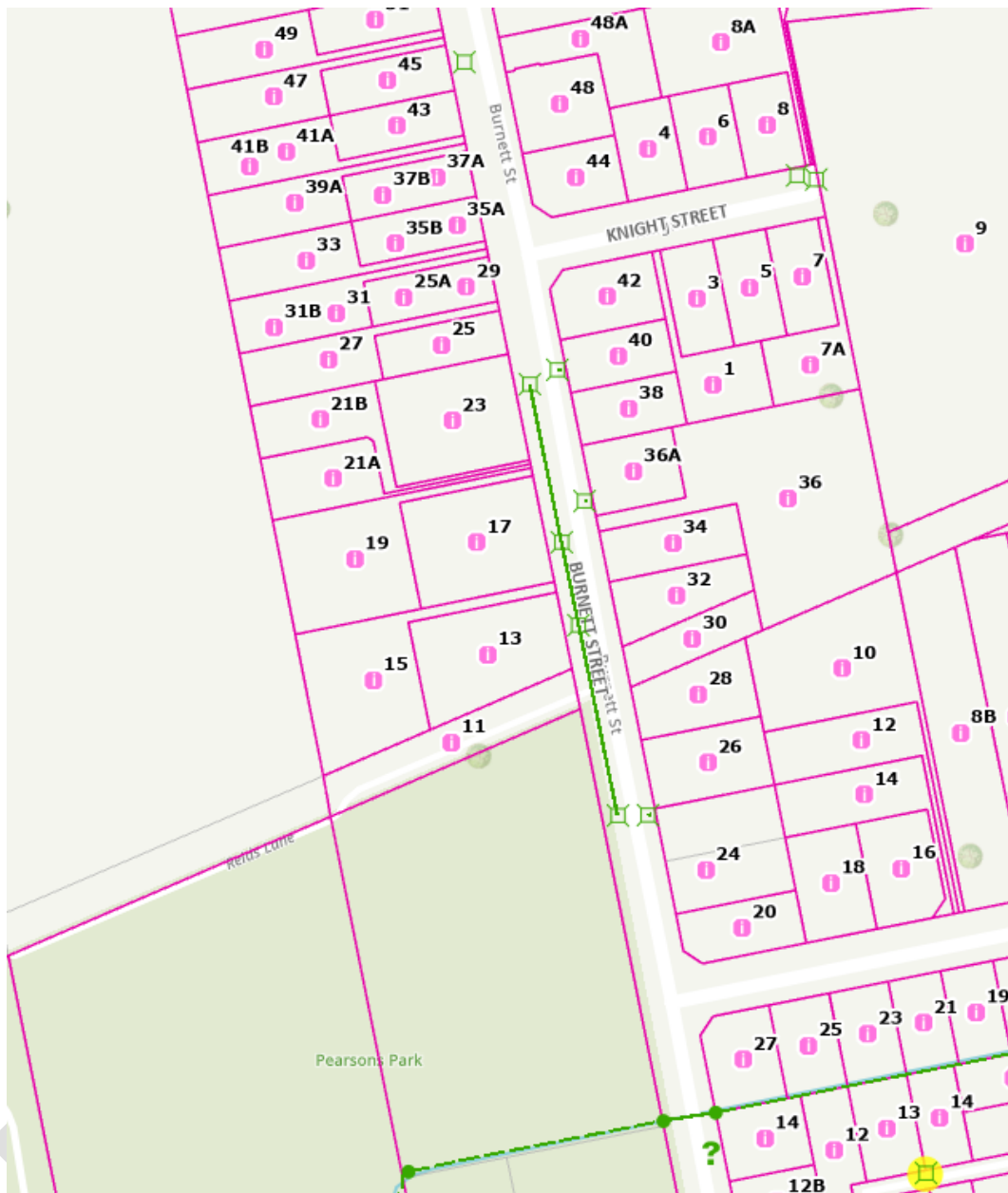


Figure 12: Existing Stormwater Layout: 14 – 48A Burnett Street

The sump network between 26 and 48A Burnett Street goes to soakage. Any overflow from these sumps will spill over making its way towards Dominic's Reserve. There is under kerb channel drainage linking the sumps between 23 Burnett Street and opposite 24/26 Burnett Street.

4. **Catchment Analysis**

4.1. A and P Showgrounds Swale

The catchment analysis was done using contour information in Waimap and the topographical survey data obtained. Calculations were performed using the Rational Method.

Figure 3 shows the catchments used for the runoff and swale design calculations.

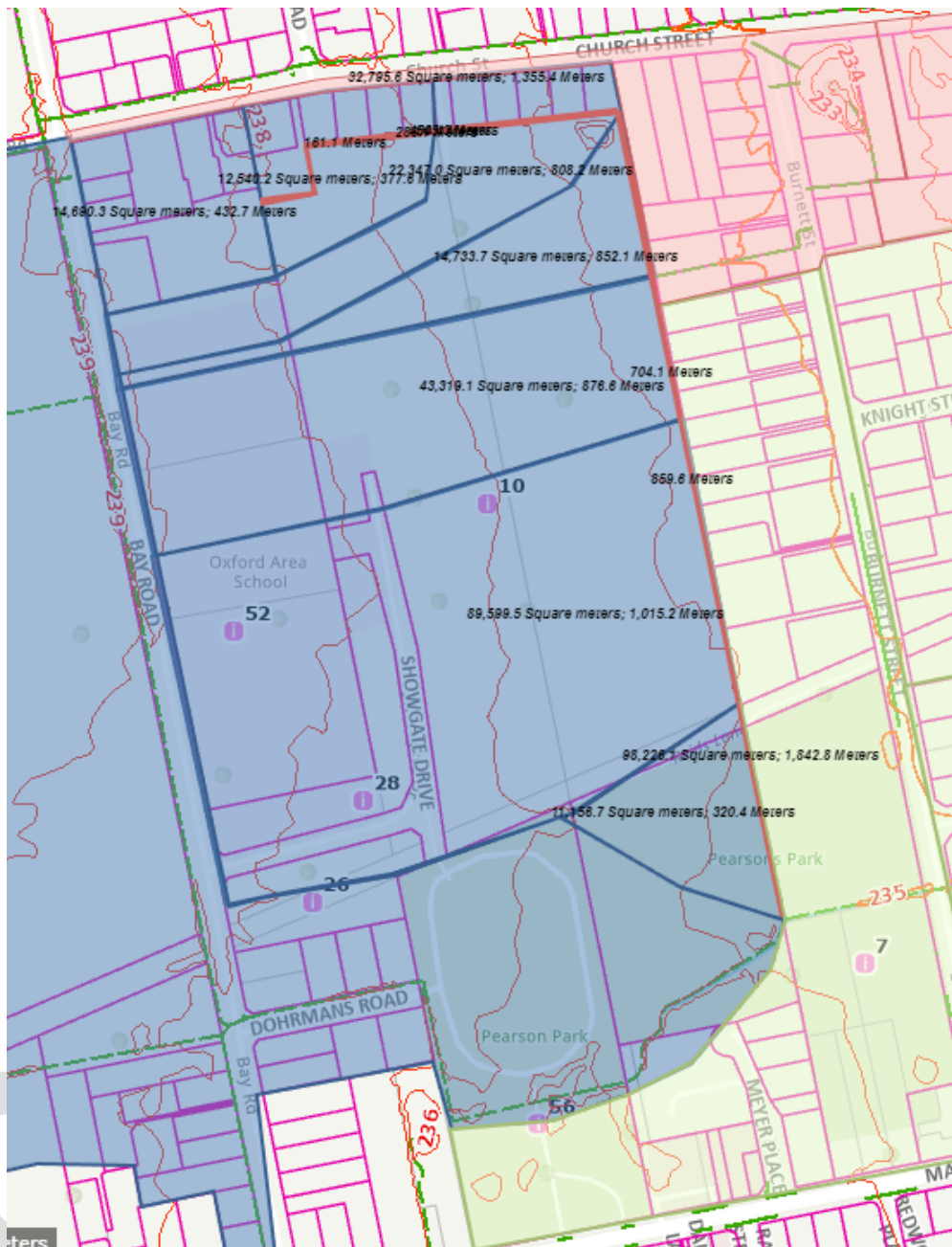


Figure 13: Oxford A & P Showgrounds Stormwater Catchments

Catchment Calculations are in Appendix D.

Runoff coefficients have been based on E1/VM1 New Zealand Building Code. Initial time of concentrations for design used were 10 minutes at the upstream end of the catchment and 20 minutes at the downstream end. After discussions, the time of concentration / storm duration was revised to use the 1-hour storm which allows for storage in the system.

The Church Street properties from numbers 39 - 65 have been assumed to flow into the swale in the Oxford A&P Showgrounds.

4.2. Dominic's Reserve

Figure 14 shows the catchment area used to calculate the flow for Dominic's Reserve. This assumed no spill over from the Oxford A&P Showgrounds and other catchments.



Figure 14: Dominic's Reserve Catchment

Catchment Calculations are in Appendix D.

5. **100 Bay Road Development**

There is a proposed residential development at 100 Bay Road. The current plans show stormwater discharging into the swale at the top end of the Oxford A&P Showgrounds via a bubble up scruffy dome and overland swale. This bubble-up Scruffy Dome has design rim levels of 237.59m and pipe IL of 236.75.

Attenuation is expected to be provided on site to pre-development levels until the swale upgrade works in the Oxford A&P Showgrounds have been completed. The Bay Road developer has been given the possibility of working with WDC on the downstream stormwater upgrades and only have partial attenuation onsite once the swale upgrades are completed. Each lot is expected to have a 5,000L attenuation tank on site and full attenuation before the swale upgrades will be provided by a basin in a lot in the interim.

An iterative approach was used to determine the grades of the swale using CES and AutoCAD C3D based on the site survey.

From these sections a model was produced in AutoCAD Civil 3D to estimate the cut/fill quantities required to build the swale.

The initial design was based on the swale holding the 50-year storm event for time of concentrations varying between 10 – 20 minutes. This provided a rather large swale nearly 20m wide where it entered Pearson Drain.

After discussions this was revised with the swale sizing across the site based on the 1 in 5-year, 1 hour storm for RCP 2081-2100 from HIRDS v4. It was discussed that the swale and A&P showgrounds would have a good amount of storage should more intense rainfall occur.

Figure 16 shows how the design for the swale was developed.

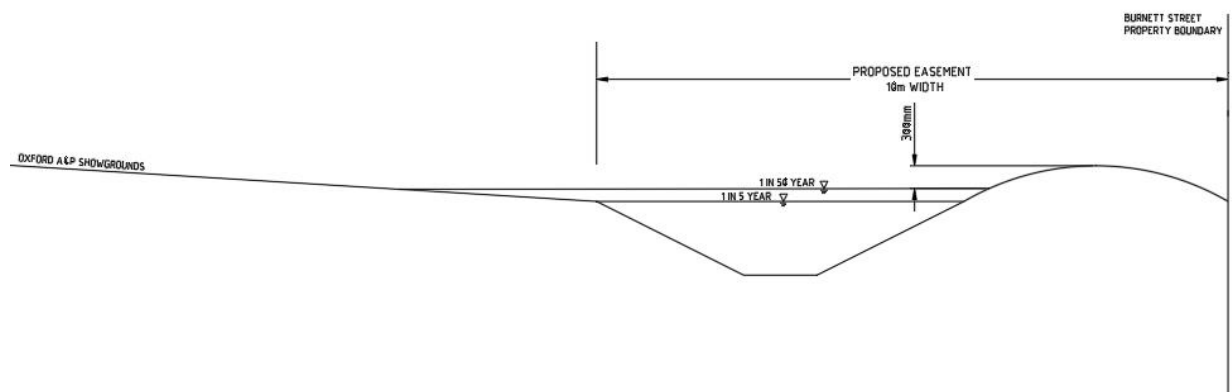


Figure 16: Swale Design Capacity Oxford A&P Showgrounds West to East

The key points in the design are:

- The swale has capacity to take the 1 in 5-year storm event for the 1-hour storm.
- The Oxford A&P showgrounds has capacity to take the 1 in 50-year event.
- A bund along the eastern boundary of the showgrounds with the residential properties provides 300mm freeboard from the 50-year storm event. In some locations more than 300mm freeboard has been provided in the design.

No bund to the swale is generally proposed along the northern boundary to allow any potential runoff from the Church Street properties into the swale. It is recommended to continue the bund from the eastern boundary around to the west side of the garage at 41 Church Street to prevent stormwater overflow at the northeast corner of the Showgrounds. Survey levels indicate that some of these properties may flow towards this drain. There is potential that overflow of this swale could end up in these properties in large storm events. However, it is unlikely as the stormwater from the A&P showgrounds generally runs eastward. A small bund could be formed along the A&P Showgrounds side to prevent flow from the grounds into this swale on the northern side if required. Along the northern boundary there are stormwater laterals from the Church Street properties that go into the swale. These laterals would have to be accommodated in the new swale.

It is proposed to provide an easement around the Oxford A&P Showgrounds over the drainage. The easement width costed only allows for the 1 in 5-year event not the 1 in 50-year event. The 1 in 50-year event would flood onto the A&P showgrounds property due to the formation of the bund on the eastern boundary.

There are a couple of swale crossings that will need to be incorporated into the design. These are the entrance between 47 and 51 Church Street and the path through the showgrounds to the south of 15 Burnett Street. It is proposed to either put a culvert or a bridge across these sections. A bridge allows more easily for the swale cross-section and flow to be maintained.

The drawings in Appendix E provide the proposed layout, long-section and sections of the swale around the A&P showgrounds.

The alignment needs to be confirmed around the A&P showgrounds. Design plans currently show it offset from the boundary. This may wish to be more aligned with the boundary and potential removal of the pine trees along the eastern boundary.

From conversations it has been assumed that Church Street drain is at capacity, and this is not an option for additional stormwater discharge from the A&P showgrounds.

7.2. Dominic's Reserve Swale Works

The Dominic's reserve swale has been designed to take the 1 in 50-year, 1 hour storm. It is proposed to build a bund around the swale and along the eastern boundary the same height as the ground level where it enters the MainPower site.

A spillway in the form of a driveway crossing to Church Street in the northeast corner of the site is proposed. Any overflow from Dominic's Reserve would then be conveyed down Church Street to the east.

A bund height of 234.30m is recommended with a spill height of 234.00m.

From conversations it has been assumed that Church Street drain is at capacity, and this is not an option for additional stormwater discharge from Dominic's Reserve.

The drawings in Appendix E provide the proposed layout, long-section and sections of the swale and bund around the Dominic's Reserve.

7.3. Dominic's Reserve High-Capacity Sumps

The current sumps outside 69 and 71 Burnett Street and are not back entry. Installing back entry high-capacity sumps and upgrading the pipe into Dominic's reserve will help alleviated flooding in the road in these areas.

The drawings in Appendix E provide the proposed layout of the sumps and pipe upgrades.

7.4. Attenuation Basin

Should an attenuation basin be required to attenuate the catchment entering Pearson Drain from the Oxford A & P Showgrounds and surrounding residential properties to predevelopment flows a basin size of approximately 12,000m³ is required. A large size is required as it assumed all the flow from this catchment is not entering Pearson Drain. But rather the overland flow is in an eastward direction and hence causing the flooding issues there are in Oxford.

The estimated attenuation basin sizes for the different storm events are shown in Table 3.

Table 3: Estimated attenuation volume for storm durations of additional catchment into Pearson Drain

Storm Duration	Estimate Volume of Attenuation Basin Required 9m ³
6 hours	4000m ³
12 hours	5000m ³
24 hours	7000m ³
48 hours	9000m ³
72 hours	10000m ³
96 hours	11000m ³
120 hours	12000m ³

8. **The estimated attenuation basin sizes for the different storm events are shown in Assumptions**

The concept design key assumptions are:

- The swales have been designed for the 5-year, 1 hour storm with an RCP2081-2100. Note the ground could be pre-saturated, and you get a short intense period of rain creating issues with limited storage in the system – the swale has not been designed for this event.
- The detention area in the A&P showgrounds has been sized for the 50-year, 1 hour storm allowing 300mm bund height along the eastern boundary of the A&P showgrounds.
- The A&P show grounds and Dominic's Reserve site levels outside of the design area will remain at the existing levels in the future.
- That Pearson's Drain has sufficient capacity to take the flow from the A&P showgrounds. The stormwater management plan did highlight the need for upgrades to the Oxford Road swale. This extra flow of water in Pearson's Drain may create more downstream issues.
- That runoff from the Oxford Area School enters the swale south of 15 Burnett Street.
- The runoff coefficients used for different surface types. The design is based on the existing housing density, surface types and that Oxford A&P showgrounds will remain as is. Oxford A&P showgrounds is at present zoned residential – this would significantly alter the runoff were it to be developed.
- Swale roughness factors – A Manning's 'n' value of 0.041 has been used in design for height varying grass across the swale section. These roughness factors can significantly alter the swale design capacity.

9. **Drawings**

The drawings for the proposed works at the A & P Showgrounds and Dominic's Reserve including layouts, cross-sections and long-sections can be found in Appendix E.

10. **Budget Estimates**

Table 4 shows the budget estimates for the different site works recommended to mitigate the flooding in the Burnett Street Area.

DRAFT

Table 4: Budget Estimates for Oxford Flooding Mitigation Works

Option	Budget Estimate
Oxford A&P Showgrounds Swale Works	\$384,000
Dominic's Reserve Swale Works	\$180,000
Dominic's Reserve High-Capacity Sumps	\$102,000

A breakdown of the estimates can be found in Appendix F.

11. Discussion

The outcomes from investigation of stormwater flooding in Oxford between the areas bounded by Bay Road, High Street and Main Street and Church Street:

- There is overland flow from the Oxford A&P Showgrounds through properties on the northeast corner of the site adjacent to 37 Church Street
- The swale is choked at 55A Burnett Street from the Oxford A&P Showgrounds where it enters residential properties.
- Water ponds in the low point outside 189 High Street (separate design works project).
- Many properties in the area rely on soakage. The soakage gets overwhelmed during heavy rainfall events and overland surface flow occurs in an eastward direction.
- There is overland flow from the Oxford A&P Showgrounds football fields through properties adjacent to 21 Burnett Street.
- There is overland flow from the stormwater basin at Dominic's Reserve overtopping down the back through the 187 High Street right of way.

Concept design solutions above have been recommended as a relatively low-cost improvements to help improve the flooding in this area. These design works are unlikely to remove all the ponding in the road but should mitigate some of the flooding in private properties. Ideally a long-term solution would be to build a stormwater network pipe system taking the stormwater flow to a drain / suitable outlet point in the area where there is sufficient capacity or building a new drain on an alignment like the old railway reserve.

12. Recommendation

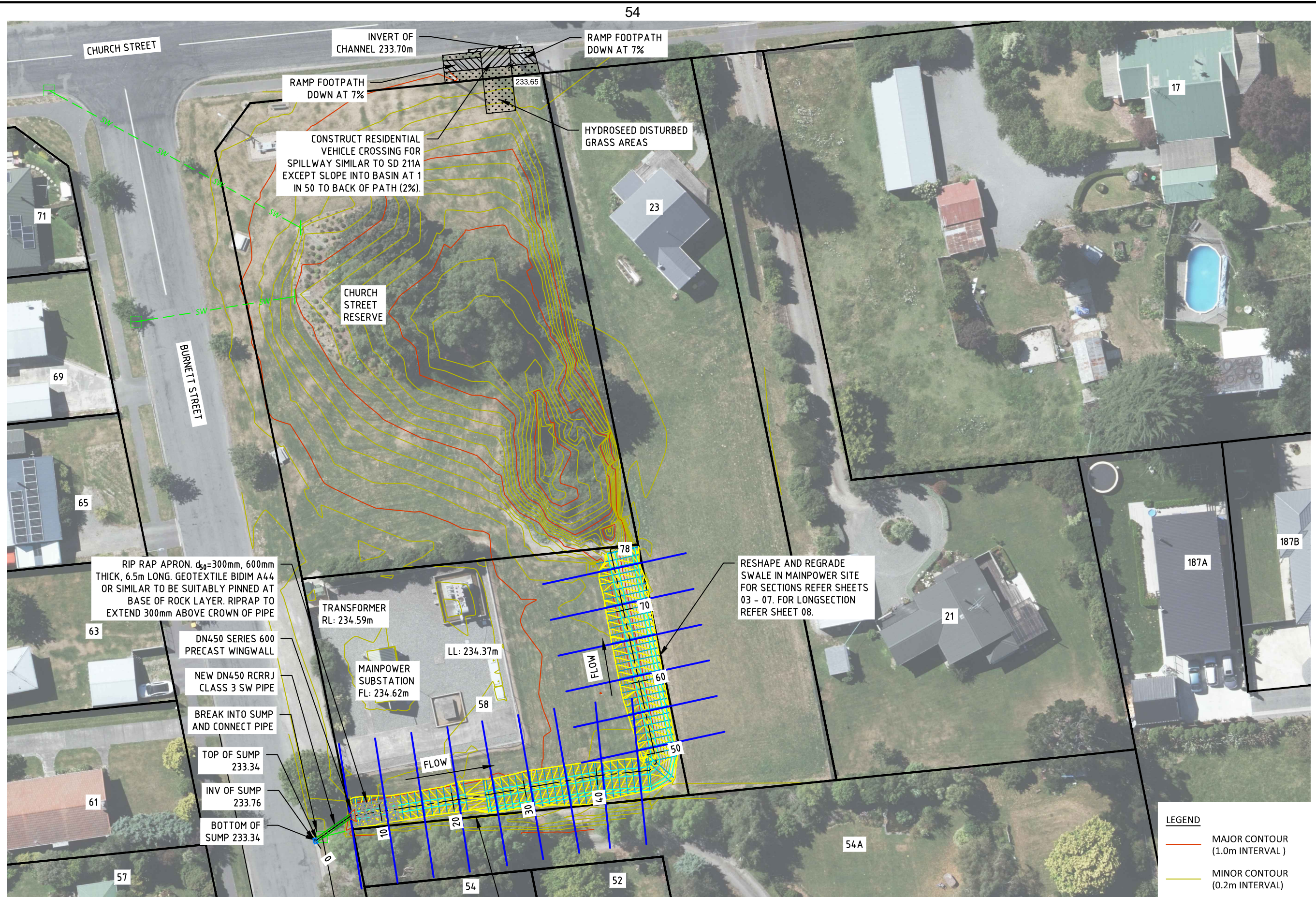
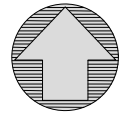
The concept design solution presented above is recommended to alleviate the flooding to Oxford properties.

Should staging of works be required the following order of works is recommended:

1. Oxford A&P swale works
2. Dominic's Reserve swale works
3. Dominic's Reserve high-capacity sump works

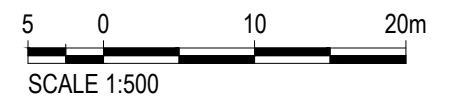
It is recommended that negotiations around the design be had with Oxford A&P and MainPower to the proposed works and implications for their site before further design is done.

It is recommended that the downstream capacity of Pearson's Drain is confirmed so that the effect on downstream properties of the Oxford A&P showgrounds swale upgrade is not significant in heavy rain events.



SITE PLAN - CHURCH STREET RESERVE STORMWATER UPGRADE

SCALE 1:500



LEGEND

	MAJOR CONTOUR (1.0m INTERVAL)
	MINOR CONTOUR (0.2m INTERVAL)

REV	REVISION DETAILS	DRN	CHK	APP	DATE
A	PRELIMINARY DESIGN	MH	---	---	---/---/2020

SURVEYED	RR	09/2022	PROJECT No	PD001866
DRAWN	MH	05/2023	CON No	CON2020--
DRAWING CHKD	---	---/---/2020	SCALE (A3)	AS SHOWN
DESIGNED	MH	05/2023	DATE ISSUED	---/---/2020
DESIGNED CHKD	---	---/---/2020		
APPROVED	---	---/---/2020		



PROJECT	OXFORD STORMWATER UPGRADE 2023 - 2024
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SHEET TITLE	CHURCH STREET RESERVE OVERVIEW
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FOR APPROVAL NOT FOR CONSTRUCTION	
DRAWING	4360
SHEET	REVISION
02	A

Our Ref: LTC-03-19-02/230220022903

18 October 2023

Thomas Robson
 Chairperson
 Oxford-Ohoka Community Board
 via email: com.board@wmk.govt.nz

Dear Thomas

DRAFT ANNUAL PLAN 2023-2024

Thank you for taking the time to submit on the Council's Annual Plan.

This letter is a follow up to the one you received from us earlier and aims to specifically address your points of submission. For ease of reference, your order of topic has been retained.

Key issues for consultation

(a) Investment needed to meet new water standards - The Board supports the Council's work in this area, the Board also notes that this only relates to urban water supplies, as rural water supplies have long been chlorinated. However, the Board would also like to see further detailed information available to the public. The Board would suggest that the Council provides a graph showing which water schemes receive treatment, what this treatment is, which schemes are awaiting this work and which schemes are not eligible for the Council intervention, i.e. private schemes. Also, consideration should be given to whether the Council or Environment Canterbury will assist private schemes if the contamination levels in their supply degrade due to land use.

In October, Government drinking water regulator Taumata Arowai declined Council's first drinking water chlorine exemption application.

This set a precedent in our exemption application process for all public supplies. We were informed by Taumata Arowai that all public water supplies would be required by law to be treated with chlorine. The introduction of chlorine is set to start in late October/ early November.

The Council has undertaken significant community communication regarding this introduction, provided background information of chlorination of public and private schemes as well as information about our journey advocating to remain chlorine-free.

This has included media briefings, working with local newspapers, website alerts, social media posts, newspaper wraps, and writing to all ratepayers to inform them about the changes. In the latter a table was included that clearly shows the changes per scheme.

In our communications we are clear about our historic and future investment, the introduction of UV treatment, as well as our intentions to work with the regulator on investment proposals that will see our water supplies return to be chlorine-free in the future.

(b) Stormwater upgrades needed to help extreme weather events - The Board supports the Council's preferred option for urban areas. However, we believe it would be beneficial to have a flat rate across the district for stormwater/drainage and that serious attention should be given to the drainage issues facing the rural areas, particularly across the Oxford-Ohoka Ward. In addition, there are drainage issues outside the currently rated properties that need to be addressed.

The Board also suggests Council and Environment Canterbury work together collecting data on drainage and ground water issues across the district to monitor trends and build and an accurate picture of where the critical issues are and how to solve them in the most effective way possible.

We thank you for your support of the stormwater upgrades to help weather extreme events. In terms of your request to have a flat rate for drainage issues across the District, this is a matter currently being considered by Council in advance of the 2024/24 Long Term Plan.

Recently a working party was set up to consider alternative rating structures for drainage and stockwater.

(c) Inflation fuelling higher roading costs - The Board is concerned about the standard of repairs on the district's road network. The repair level does not seem to be as robust as needed and often needs re-repairing. Hence, the Board is uncertain if the repairs are suitable to withstand the level of use. e.g. commonly seen shoulder damage caused by large truck and trailer movements over the same roads would need a higher level of repair than those used more frequently by lighter vehicles. This may assist in reducing the need for re-repairs.

The Board also wishes works to continue as much as possible rather than being deferred. Once the programme falls behind, it is challenging to regain the time lost and the cost of repair increases as inflation and supplies impact the budget.

The area of road maintenance has been challenging with constrained national funding, increased traffic within the district, along with a number of flood events over the last two years.

When undertaking repairs to failed areas there may be situations where a more permanent repair cannot be undertaken straight away, and as such a holding repair may need to be undertaken to try and stop the failure from getting worse in the short term. This is not meant to be a long-term repair. Where we can go straight to a permanent repair this is the preference, however, is not always achievable due to competing demands on the network.

Staff will continue to work closely with the contractor to ensure maintenance repairs are optimised.

Other key issues for discussion

Climate Change and Sustainability - The Board supports the development of a strategy for native, riparian planting along waterways and Council drains in the Board area. In addition, it is recommended that the Council investigate the development of green pathways between towns and reserves.

Council has supported a project called Arohatia te Awa, which achieves these outcomes. To date it has focused on the Cam River in the Kaiapoi Ward. Council is asking staff to prepare presentations to each Community Board to ensure there is a better understanding of what this project is, and how each Board area can be considered in the planning of this project.

In preparation for the Long Term Plan staff have started the development of a Natural Environment Strategy which looks at how Council should be managing and enhancing its own land holdings. This strategy will include riparian planting and biodiversity enhancement. Staff will come to the Board to present at a workshop the draft strategy prior to the Long Term Plan.

Groundwater aquifers - The Board also requests that the Council urgently addresses the need for data collection and risk analysis on our groundwater aquifers, underground and resurgence flows. We need to be very clear about how these are interconnected with each other, land use, and the potential impacts of climate change. If we do not gain a sound understanding of these processes and plan appropriately, then we will face significant challenges in the near future. Our water, particularly our drinking water source, should be given the utmost importance to ensure steps are taken to protect these assets in the future.

It is acknowledged that groundwater sources must be valued and protected from contamination. Throughout 2022 staff worked on source water risk management plans for each of its water supplies, and in 2023 are incorporating the outputs of that project in to Council's drinking water safety plans. In addition, staff are participating with a number of other stakeholders to collate and share data, via a project initiated by Waimakariri Landcare Trust. Council's deep groundwater sources have a very good track record of producing high quality and safe groundwater which the Council is striving to maintain.

Council facilities hiring fees - The Board strongly requests that 'not for profit' and community groups be exempt from hiring fees at Council's facilities.

Council has been informed that its fee waiver process and low hire rates for community rooms may be having a negative impact on the not-for-profit sector in regard to its own community-run spaces. Council staff are working on the development of a community facilities network plan which is going to consider a review of fees and charges.

At this time, Council is not in a position to support a wiping of fees and instead will look to work on a new fee structure as part of the 2024 Long Term Plan.

Community facility in Mandeville - The Board would also like the Council to consider a purpose-built sporting and Community facility that would include indoor courts and a gym in Mandeville to future-proof an area where the population growth is steadily increasing.

Council undertook a feasibility study when looking to develop the indoor courts at Coldstream Road. This report identified that at the time there was need for four additional courts in the district as a whole. As a result, Council built Coldstream (MainPower Stadium) and provided funding for Kaiapoi School to increase the size of its own indoor court.

The additional court space in Rangiora and Kaiapoi has allowed additional space to be available at non-Council owned facilities such as Ohoka School which has a good quality indoor court servicing the wider Ohoka and Mandeville area.

Rubbish and Recycling - The Board supports the upgrade of Southbrook Resource Recovery Park and the ongoing educational programme to ensure residents are aware of what can and cannot be recycled. In addition, the Board requests that this information include the environmental consequences and the cost to ratepayers if residents are not diligent with their recycling.

The updated Recovery Park will feature an education hub where educational materials can be permanently displayed. This will include what can and cannot be recycled or diverted, as well as the full consequences - including environmental and financial costs - of contamination of recycling and other diverted waste streams.

Board Priorities for Consideration

Repairs to Tram Road - The Board requests that the repairs to Tram Road be given a higher priority due to the high traffic volumes and the speed of the deterioration. In addition, the Board has had negative feedback from the community regarding the quality of the repairs done recently and, therefore, requests that the Council review these works and ensures that the repair work meets a high standard and will not be prone to failure.

The western end of Tram Road has had a number of shoulder failures which has resulted in either edge break or heaves in the pavement. These were identified and, in some locations, a short-term holding repair was undertaken.

It is acknowledged that some of these holding repairs were not effective and a more permanent repair needed to be undertaken earlier. Staff are working with our maintenance contractor to ensure that appropriate holding repairs are undertaken where required, or that the permanent repair is undertaken in the first instance where possible.

Surface condition of Main Street in Oxford - The Board also wish to bring to the Council's attention the surface condition of Main Street in Oxford. The road surface has been damaged due to the number of heavy vehicles using the road daily. Therefore, the Board urges the Council to reconsider making budgetary provisions for the resealing of Main Street.

Staff thank the Board for raising these concerns about the road surface on Main Street, Oxford and note that a site meeting will be organised with the Chair of the Oxford-Ohoka Community Board (or his representative(s)) to discuss the specific areas of concern and how this might fit into forward works programmes.

Maintenance of rural shingle roads - The Board requests that a higher level of maintenance be carried out on rural shingle roads. There are several roads in the area, particularly Bush Road, Lees Valley Road, Carleton Road, Kiri Kiri Road, that have deteriorated badly over the last couple of years. Lees Valley Road, which carries heavy vehicles, has areas where there is a lack of metal running course. The Board considers additional running course on this road will improve its safety.

The condition of unsealed roads is a key area of focus for staff. The last two years have seen significant damage to the unsealed network, which we are working to address. Remetalling of flood-damaged roads following the July 2022 flood event has been a work in progress.

In addition to this, more focus has been given to the auditing of the unsealed network, and we are working with our Maintenance Contractor to ensure that the required levels of service are being met.

Speed limits in Oxford - The Board supports the initiative to reduce speed outside schools over the next three years. The Board again implores the Council to institute a 40km/h speed limit on Main Street, Oxford, as per the numerous residents' requests over the years. The Board has also received requests from the community for the installation of traffic calming measures at the exit and entrance to Oxford, similar to those installed at Cust.

On 6th September 2022, Council considered a report referred from the Oxford-Ohoka Community Board seeking approval to implement a 40km/h speed limit on Main Street Oxford between Burnett Street and Bay Road. Council deliberated on this issue and did not support the recommended change, therefore the resolution was lost and the speed limit remained unchanged.

As per Waimakariri District Council's Standing Orders, when a motion has been considered and rejected, no similar notice of motion may be accepted within the next 12 months, unless signed by not less than one third of all members. As such this matter cannot be considered again until after 6 September 2023 unless the conditions as outlined above have been met.

Multi-use path connecting Passchendaele to Ashley Gorge - A multi-purpose track connecting the Passchendaele to Ohoka, through Mandeville, down North Eyre Road to Oxford and Ashley Gorge could be marketed as a tourist attraction. This would follow the old train route with points of interest showcasing the area's history along the way. It also provides a secondary benefit of providing connections within rural communities.

Safe pedestrian and cycling access for all users is important. Walking and cycling provides good health benefits and dedicated facilities can encourage the use of these alternate modes of travel, which also reduces greenhouse gas emissions.

In October 2022 adopted its Walking & Cycling Network Plan which identifies and prioritises gaps in the network.

Providing improved cycling facilities between Rangiora and Ashley Gorge via Ohoka and Mandeville via North Eyre Road to Ashley Gorge is identified within the network plan. However, it does not sit within the current prioritised projects and is likely to be some time away. Further consideration of timing of delivery of facilities will be undertaken as part of the Long Term Plan process.

Skate Park in Oxford - The Board requests that the Council upgrade and extend the Oxford Skate Park. Board members have observed high usage by both locals and visitors to the area of this facility, so the demand to warrant an upgrade and extension is considered to be present. The Board has asked for this project to be included in the Council's Annual and Long Term Plans several times.

The Pearson Park Advisory Group (PPAG) now has up to \$60,000 available for projects (with a further \$10,000 each financial year) and could look to deliver improvements to the Oxford Skate Park. Greenspace staff are working with the PPAG to establish an ongoing list of works they wish to see at the reserve with the capital investment that the Council continues to provide for them.

If the skate park is a priority for the PPAG, staff will work to create a delivery plan and scope for this project. If that requires additional funding request, this should be done through the 2024 Long Term Plan.

Wheelchair accessible track Ashley Gorge Reserve - *The Board encourages the Council to support the Ashley Gorge Advisory Group's plan to create a wheelchair-accessible track within the reserve. This would be a great addition to the network of tracks the group has already created, enabling people of all ages and abilities to enjoy more of this wonderful reserve.*

Council is encouraged to see the Ashley Gorge Advisory Group working on an asset that would benefit a wider range of our community, including those with limited mobility. Council has staff working directly with the Advisory Group and looks forward to hearing of the progress the group makes as it approaches funders and other support groups to help develop this great initiative.

West Eyreton Pit - *The Board is aware that the Council has recommended that staff create a plan for both the Oaks Reserve and the West Eyreton Pit, given the proximity of the two land parcels. However, there seems to be uncertainty as to the timeframe of this project. Therefore, the Board again wishes to stress its concern about the health and safety risk of the pit in its current state and therefore wishes to urge the Council to make funding available as a matter of urgency.*

Staff undertook a workshop with the Oxford-Ohoka Community Board at your October meeting to discuss the Pit and options that exist for designing a concept plan. The outcome of this workshop is that Greenspace biodiversity staff will work with the 3 Waters and Property Teams to develop a proposal for this space to be tidied up and planted to utilise it for native biodiversity as well as potentially land drainage. A concept plan will be brought back to the Board for this work in the new year which the Board can utilise as supporting documentation for a Board funding bid to the 2024/2034 LTP should the Board choose to do so.

Community Development and Health - *The Board would like to suggest establishing specific locations/depots in rural areas so that lifestyle block and rural landowners can drop off excess fruit and vegetables too. This may be a seasonal operation. Organisations such as Food Secure could collect and redistribute the excess produce as needed.*

Thank you for your suggestion of setting up a network of community pantries across the District. Council's Community Team helps facilitate the Food Secure North Canterbury Programme which combines food rescue, increased collaboration between food banks, and support for local food forest initiatives.

There are already several community pantries operating across our communities and staff recognise the potential for this aspect of food security to be built upon. These could potentially be on private or Council-owned sites.

The Community Team will look to discuss this further, potentially at an All Boards meeting, to scope the degree of support that Community Boards might be able to give to such a project.

Attracting Medical Practitioners - *The Board recognises the ageing GP population and the already at-capacity medical centres. The Board would encourage the Council to be creative and proactive in attracting medical practitioners. Such things could be actively promoting our district to medical schools or offering incentives to encourage the growth of more medical centres. Whilst we acknowledge this is a national issue, we believe that with a well-crafted plan, we may be able to be more attractive to such enterprises.*

The issue of GP shortages in rural communities has been recognised for some time. The Waimakariri Health Advisory Group, supported by elected members and in conjunction with the Rural Health Alliance of Aotearoa NZ, can develop its own strategy to attract graduating medical students to the Waimakariri District. Alongside working with medical schools, there is the potential to work with Immigration NZ to consider how we might better attract international GPs to our District.

Oxford Sewer Rates - *In the draft Long Term Plan, the proposed Oxford Urban Sewer Rate is approximately double that of any other urban area in the district, which will substantially impact the Oxford Urban ratepayers. The Board is therefore requesting clarification on:*

- i. *Why the scheme seems to be so expensive to run?*
- ii. *What is proposed for the substantial depreciation fund that the Council accumulates from the scheme?*
- iii. *Whether or not bringing forward some improvement works could result in a long-term cost saving?*

This scheme is more expensive to run than the Eastern Districts Sewer Scheme due to the economies of scale. The Oxford sewer scheme has 907 connections, while the Eastern Districts Sewer Scheme has 21,480 connections.

By comparison the Loburn Lea and Fernside sewer schemes (which had fewer than 50 connections), previously had rates that were about double that of the current Oxford sewer rate, prior to connecting into the Eastern Districts Sewer Scheme.

A large part of the annual expenditure is operating the Oxford WWTP. Council staff have been looking at measures to reduce the operating costs in terms of reducing sludge disposal costs and automating processes to reduce operator costs. The consent for the Oxford WWTP expires in 2031 and Council staff are currently investigating options to upgrade treatment system prior to that date.

Upgrades to Oxford's urban stormwater system - Considering the increase in the number of significant weather events and the resulting frequent flooding, it is essential to ensure that urban stormwater system function optimally. The Board, therefore, requests the Council to consider upgrading Oxford's urban stormwater system, especially the regularly flooded areas such as Matai Place, Rata Street, Tui Street and Main Street.

We thank you for your support of the stormwater upgrades to help weather extreme events. The \$7.8m included in the budget in response to the July 2022 flood events, includes for works in Oxford including upgrades on Pearsons Drain, Bay Road, Flannigans Drain and Burnett Street. We already have budget in place for Matai Place and a project is currently under way to improve the drainage in Tui and Rata streets.

Property Management - The Board wishes to suggest that the Council be more diligent in utilising its property portfolio. A list of all properties should be collated with a description, what income it currently generates, and the potential market valuation for income. Any way to generate revenue would benefit ratepayers, and the Board is aware of properties that have been vacant for long periods that could have been rented. The Board feels that this is an opportunity for additional revenue and would make the best use of these assets.

Council owns close to 1,000 separate properties, most of which are used for operational or community purposes.

Over the course of the last year approximately 275 sites were leased out, generating over \$570,000 revenue. This was dominated by a small number of sites earning significant sums. However, most are rural sites earning relatively small sums but with holding costs such as weed management being covered by lessees.

There are also a number of sites being held pending construction works or decisions relating to their future. In those circumstances there may be opportunities to generate income until decisions have been made about their future. Several highly-visible houses in that situation could have been rented out earlier. However the cost of upgrades to meet Residential Tenancies Act, Healthy Homes and other legislation made that course of action uneconomic - given the short timeframes to recoup the benefits. In some cases the planned disposals have been delayed multiple times and with the benefit of hindsight investment may have been worthwhile.

The Property Acquisition & Disposal (PAD) Property Review is under way to consider the functional and financial performance of all Council property, which will include options to re-invest, re-purpose or dispose of property - depending on the outcome of the site-specific evaluations. The review has been constrained by the Property Unit not being able to fill several staff vacancies. However, with staff now secured it will provide an opportunity to consider the highest and best use for each property.

Rangiora Airfield income - The Board would also like to know what income the Rangiora Airfield generates and how this compares to other similar airfields across New Zealand. Perhaps this facility could be an opportunity to create more revenue for our ratepayers.

The Rangiora Airfield is noted as one of the District's strategic assets and is managed as a general aviation airfield. The majority of users at the airfield are recreational pilots. There is also a mix of commercial activities which support the flying population, such as engineers and part suppliers. The airfield is supported through rates as well as user pays. In recent years there have been incremental increases to landing fees at the airfield which were met with opposition by users.

From requesting information from other airfields operated by councils, it appears many have a commercial operator (such as Air NZ) or a third-level operator who provide significant income. Generally other airfields seem to have a 35-40% self-funded approach, meaning it is usual for rates to cover approximately 70% of the operating expenses.

Rangiora Airfield itself is mostly utilised by general aviation or recreational pilots, with some education or commercial users. These groups tend to have a leased building or are only using this for touch and go (landing and take-off training).

Staff are being asked to prepare an economic analysis as part of the airfield's future development and also to review the current user fees.

The Oaks Reserve, Oxford - In response to community needs, the Board requested the Council to make The Oaks Reserve in Oxford more user-friendly for residents. Over the years, the Board considered multiple projects which could be undertaken in the reserve, including developing a rural dog exercise area on part of the reserve and upgrading the Oaks Walkway area.

Hence, in June 2021, the Board was successful in their submission to the Council's 2021/31 Long Term Plan in a bid to secure additional funding for the development of the rural dog exercise area. Accordingly, the Board wish to confirm that the development of the rural dog exercise area will proceed during the 2023/24 financial as previously indicated.

Council has provided \$95,000 for an off-lead dog exercise area being installed in the Oaks Reserve. This is identified for year three of the Long Term Plan. Staff will be in contact with the Community Board in year two of the Long Term Plan to finalise the concept and prepare for construction in year three.

Copies of the adopted Annual Plan are available at the Rangiora, Kaiapoi and Oxford Service Centres and Libraries and on the Waimakariri District Council website at this link:

https://www.waimakariri.govt.nz/_data/assets/pdf_file/0024/135159/Annual-Plan-2023-2024-Full-Document-Web.pdf

Once again, thank you for your interest and contribution to the development of our District's Annual Plan. The Council and I appreciate your support and the excellent advocacy you and the Board provide for and on behalf of the Oxford-Ohoka Community Board.

Yours sincerely



Dan Gordon
MAYOR

OXFORD-OHOKA COMMUNITY BOARD

MEMBERS INFORMATION EXCHANGE

For the month of October 2023

Members Name: Thomas Robson

MEMBER'S DIARY		DISCUSSION POINTS
<i>Date</i>	<i>Events members have attended</i>	<i>Community Feedback/Issues Raised</i>
10/10	Review speed management consultation material	I was unable to attend due to work commitments but I emailed through comments
13/10	Zoom meeting with Andrew to discuss our reply to the proposed consent conditions for Woodstock quarries	This was productive and gave us some direction regarding our feedback
16/10	Opac meeting	We discussed the Oxford Dark Sky and the grant they requested The recent chlorination of water schemes was also discussed
17/10	Oxford Dark Sky committee meeting	This was the committees first meeting and covered the upcoming AGM , the structure of the group and the status of the application for a dark sky reserve
18/10	Community service awards	This was a great event, with many worthwhile recipients. Shirley thanked the Board for her nomination and it was good to see her service to the Community recognised
19/10	Zoom meeting with Andrew to discuss our reply to the proposed consent conditions for Woodstock quarries	We went through our notes and feedback and began preparing our final submission
24/10	Ashley Gorge advisory group meeting to discuss BBQ opening event	I was unable to attend but they finalised a date for the BBQ – 26 th November 11.30am
24/10	Oxford Community trust AGM	This was very well attended with our MP attending and discussing the work of the Trust It is great to be involved with such an effective Community Group

25/10	Pearson Park advisory group meeting	We discussed the recent wind events, issues around Show Gate Drive and Show ground maintenance and the removal of the garden bed beside the Squash Club.
6/11	OOCB Agenda meeting	
6/11	Speed management Plan drop in session	

OXFORD-OHOKA COMMUNITY BOARD

MEMBERS INFORMATION EXCHANGE

For the month of October 2023

Members Name: Michelle Wilson

MEMBER'S DIARY		DISCUSSION POINTS
<i>Date</i>	<i>Events members have attended</i>	<i>Community Feedback/Issues Raised</i>
11/10/23	Attended Violence Free North Canterbury Youth focused professional training day	Presentations from Jim Sole - Brainwave trust on The Adolescent Brain and Brett Harvey Tāima Kōrero. Helpful to know emerging trends and issues for Youth. Some great connections made with people in Waimakariri.
18/10/23	Alcohol & Drug Harm Prevention Steering Group meeting	I along with most of the group were unable to attend. So it has been decided we will meet again in November to discuss action points.
18/10/23	Community Awards Night	It was great to see people acknowledged for all they have given to our community. There were some wonderful stories shared demonstrating their lifelong dedication to others.
24/10/23	Attended LGNZ's Future for Local Government and Choose Localism - online zoom	LGNZ spoke about the work that was done at the first Future by Local Government hui to understand what attendees thought about each of the Panel's 17 recommendations.

Other:

OXFORD-OHOKA COMMUNITY BOARD**MEMBERS INFORMATION EXCHANGE***For the month of October 2023*

Members Name: Pete Merrifield

MEMBER'S DIARY		DISCUSSION POINTS
<i>Date</i>	<i>Events members have attended</i>	<i>Community Feedback/Issues Raised</i>
4/10	Oxford-Ohoka Community Board Meeting	
24/10	Ashley Gorge unofficial Advisory Group meeting re pavilion BBQ	
27/10	Oxford Museum monthly meeting	

Other:

OXFORD-OHOKA COMMUNITY BOARD

MEMBERS INFORMATION EXCHANGE

For the month of October 2023

Members Name: Tim Fulton

MEMBER'S DIARY		DISCUSSION POINTS
<i>Date</i>	<i>Events members have attended</i>	<i>Community Feedback/Issues Raised</i>
4.10	Oxford-Ohoka Community Board	
5.10	North Canterbury Neighbourhood Support, Rangiora	Saturday 7 October 11am -12:30pm grand opening of the first emergency hub in the Waimakariri area AGM Tuesday 7 November, 7pm, Kaiapoi Library
6.10	North Canterbury Business Awards, Rangiora	
9.10	Water Zone Committee Biodiversity Working Group	Planning for Environment Awards – citations
10.10	LTP Workshop/Council Workshop and Briefing	
12.10	Resilience Breakfast, Kaiapoi Community Networking group, Rangiora Drainage Advisory – all groups meeting, Rangiora	A sobering talk from a Niwa scientist about the impact of climate change worldwide
17.10	Council meetings, Rangiora - Utilities and Roding - Adoption of Annual Report - Climate Change workshop - Community and Recreation	
18.10	Community and Environment Awards presentations, Rangiora	Pleasing to see the inaugural Environment Awards. Well done to all recipients.
20.10	Road Reserve Hearing, Rangiora	
24.10	Road Reserve Hearing, Rangiora	
25.10	West Eyreton School Ag Day Water Race Advisory Group, Oxford Pearson Park Advisory, Oxford Wellbeing North Canterbury AGM, Rangiora	
31.10	Oxford Area School awards Year 11-13	
1.11	Waitaha Primary Health AGM, Christchurch	