



Community Engagement –

COMMUNICATING FLOOD
HAZARD MAPPING WITH
THE PUBLIC— IS IT WORTH
THE EFFORT?

Introduction



- Who we are
- What is community engagement?
- Why do we do community engagement?
- How do we do community engagement?
- Learnings

Who we are



- Wellington Water
 - Asset Manager for multiple councils
- Flood modelling for the purposes of:
 - Planning rules
 - Stormwater management and flood mitigation



29th November 2020 Event



Our water, our future.

15 November 2016



Our water, our future.

What is Community Engagement?



Community engagement is based on the democratic idea that everyone who is affected by an issue that impacts their community should have a say in the decision making around it.

From: <https://www.bangthetable.com/what-is-community-engagement> (March 2022)



Why do we do it?

- Externally focused reasons
 - Trust and transparency
 - Minimise challenges
 - No surprises
 - Increases Community awareness and understanding of flood risk
- Internally focused reasons
 - Model validation
 - Improved accuracy
 - Model confidence
 - Part of our modelling workflow





15/11/2016 Validation Results



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LEGEND

▼ Reported Flooding

Max Depth (mm)

10 - 100

100 - 250

250 - 500

500 - 1000

> 1000



How do we do it?

Three phases:

Phase 0 – Prepare

Phase 1 – Engage (Draft)

Phase 2 – Consult/inform (Final)



Phase 0 - Prepare

- Work with Community Engagement Specialist
- Get Council leadership and Councillors on board
- Digital content (online maps, FAQs)
- Consider the risks



Phase 1 - Engage

- Notificaton

- Letter Drops
- Newspaper adverts
- Social media

- Engagement




- In person workshops/sessions
- Digital platforms (story maps, Social Pinpoint)
- Go to stakeholder groups directly



Example: In person sessions



Example: Social Pinpoint


Drag to comment >  Inundation/surface flooding  Overland floodpath  Stream corridors

Discuss

Close


Add your reply...

Surface flooding, water pouring out under footpath asphalt, sewage erupting from manholes onto footpath and kerb and spreads out to road - all along Mana Esplanade. Eventually floods into Pauatahanui inlet. Occurs EVERY time there is a major weather (rain) event which is becoming more common i.e. more than once per year. I am only able to upload one photo but have more.



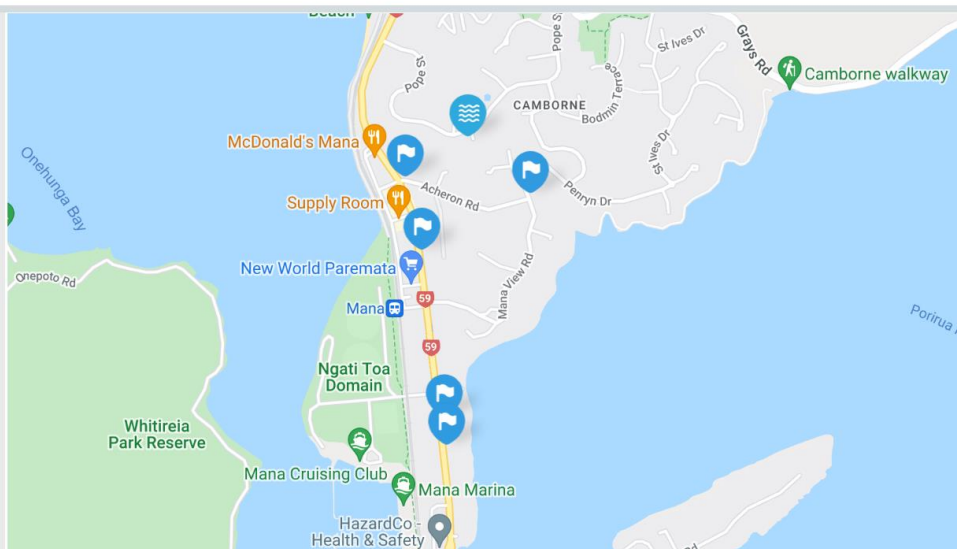
socialpinpoint
<https://www.wellingtonwater.co.nz>

X



Drag to comment >  Inundation/surface flooding  Overland floodpath  Stream corridors

About



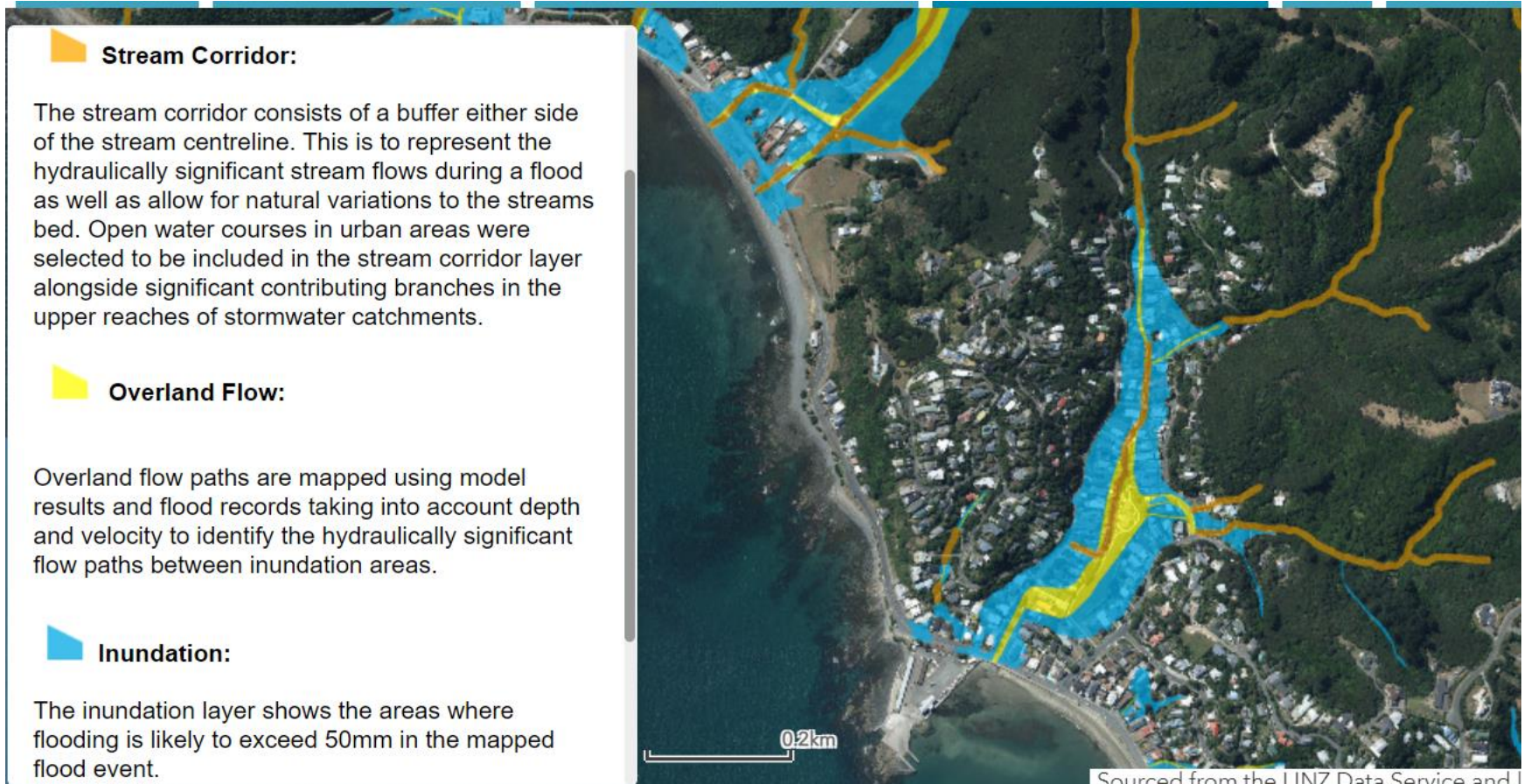
Map showing the Mana Esplanade area with various locations and infrastructure. Labels include: Onehunga Bay, Onepoto Rd, Whitireia Park Reserve, Mana Cruising Club, HazardCo - Health & Safety, Mana Marina, Ngati Toa Domain, New World Paremata, Supply Room, McDonald's Mana, Acheron Rd, Penryn Dr, Mana View Rd, CAMBORNE, Bodmin Terrace, St Ives Dr, St Ives Dr, Grays Rd, Camborne walkway, Porirua, and Mana Esplanade. Pins indicate various types of flooding: blue pins for inundation/surface flooding, green pins for overland floodpaths, and blue pins for stream corridors.

Phase 2 – Consult/inform

- Letter drop to inform LIMs (Council dependent)
- District Plan Consultation Process
- Hearings



Example - District Plan Mapping



Is it worth it? - YES

- Effort

- Time
- Cost
- Interactions with public

- Benefit

- Time
- Cost
- Trust and transparency



Learnings

- Listen
- We are the technical people, councils and councillors know their community.
- Telling doesn't work.
- Engagement tools are most effective when they are interactive and easy to access.
- Utilise multiple tools and platforms.
- Don't be defensive

Thanks & Acknowledgements



Thanks to:

- **Wellington Water**
- **Porirua City Council**
- **Hutt City Council**
- **Wellington City Council**
- **WaterNZ**

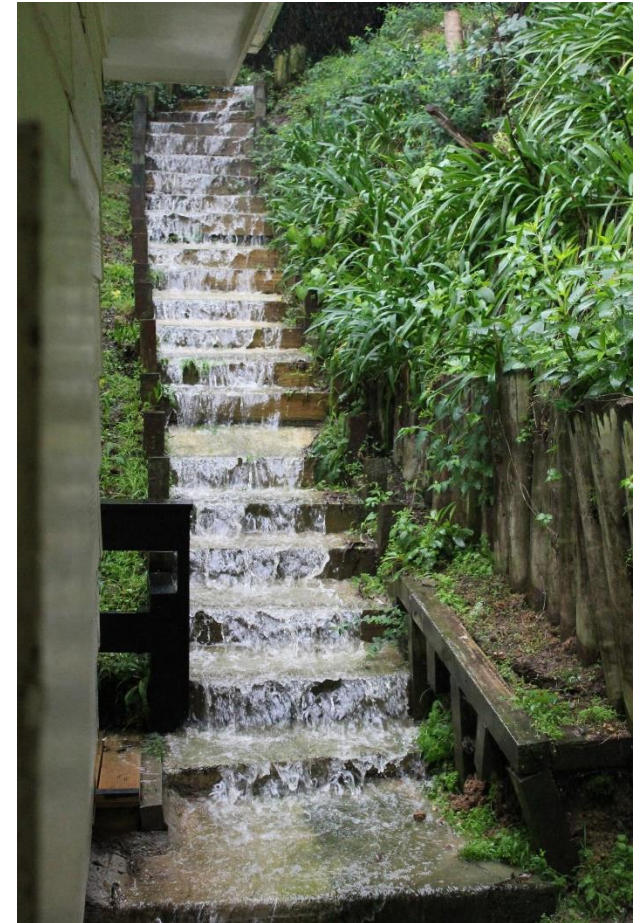


Photo references

<https://snpa.photoshelter.com/image/I0000pja6ALTxfX0>

<https://www.trendhunter.com/trends/funny-side-of-floods>

[https://www.nzherald.co.nz/resizer/R33lb74wxTUKTIWi5rddx2njhSk=/1440x2160/smart/filters:quality\(70\)/cloudfront-ap-southeast-2.images.arcpublishing.com/nzme/WTVRJDWMSX6GGSG6UCW7MB6D6M.jpg](https://www.nzherald.co.nz/resizer/R33lb74wxTUKTIWi5rddx2njhSk=/1440x2160/smart/filters:quality(70)/cloudfront-ap-southeast-2.images.arcpublishing.com/nzme/WTVRJDWMSX6GGSG6UCW7MB6D6M.jpg)

https://www.rnz.co.nz/assets/news_crops/135166/eight_col_lower_hutt.jpg?1638771919

<https://resources.stuff.co.nz/content/dam/images/1/4/t/i/3/i/image.related.StuffLandscapeSixteenByNine.710x400.14sy54.png/1431602294348.jpg?format=pjpg&optimize=medium>

<https://twitter.com/bzrkr/status/798295255753715712>

<http://shutterstock.7eer.net/c/77643/108110/1305?u=http%3A%2F%2Fwww.shutterstock.com%2Fpic-616447385%2Fstock-photo-accident-sewerage-system-water-flows-over-the-road-from-the-sewer.html&subld1=616447385>

<http://thehive.com/2018/09/11/daily-morning-awesomeness-38-photos-555/>

https://media.nzherald.co.nz/webcontent/image/jpg/201520/flood_480x270.jpg

<https://wellington.scoop.co.nz/?p=124418>

