



## SmartGrowth Environment & Sustainability Forum

### School House, Historic Village, 17<sup>th</sup> Avenue, Tauranga

## Agenda

**Tuesday 18<sup>th</sup> July 2017 1.30 – 3.30pm**

1. Apologies	Chair
2. Minutes and actions from the previous 23 May 2017 meeting <b>(Paper A)</b>	Chair
3. Watching Brief <ul style="list-style-type: none"> <li>- Chair's report/Members watching brief <b>(Paper B)</b></li> <li>- Member updates how do we want to do this in the future?</li> <li>- Transport update - Cycle Action Plan / PT Blueprint</li> </ul>	Chair All members Glen
4. Review of the TCC Infrastructure Development Code– update <b>(Paper C)</b>	Chair
5. TCC Environment Strategy - What/Why/How session	Michelle - 20mins
6. Position Paper checklist and hui update <ul style="list-style-type: none"> <li>- WBOPDC Response <b>(Paper D)</b></li> </ul>	Chair All members
7. Update Structure planning process and engagement for Te Tumu and Tauriko <b>(Paper E)</b> <ul style="list-style-type: none"> <li>- The presentations from the Hui and the last SPF meeting are attached to the Agenda email as attachments due to their size.</li> </ul>	Chair

8. E&SF suggestions to SmartGrowth Indicator list for discussion ( <i>Paper F</i> )	Mary & co
9. SG Update: - SmartGrowth Partnership Report - SLG meeting June 21 <a href="http://www.smartgrowthbop.org.nz/media/1846/smartgrowth-partnership-office-bi-monthly-report-june.pdf">http://www.smartgrowthbop.org.nz/media/1846/smartgrowth-partnership-office-bi-monthly-report-june.pdf</a> - The Lakes Review project – update from Chairs meeting	Karen  Chair
10. General Business	Chair
11. Forum alerts/messages to SLG	Chair

## Terms of Reference

### 1. Membership Criteria

The Environment and Sustainability Sector Forum is intended to be a voice for the non-government and not for profit sector. Other organisations and government agencies are welcome to attend as participating observers.

### 2. Purpose

The purpose of the Environment and Sustainability (E&S) Sector Forum ('the forum') is to draw on existing experience and to positively contribute to the on-going evolution and success of the SmartGrowth Strategy ('the Strategy')

The forum will provide a view that reflects the interests of E&S groups across the wider western Bay of Plenty.

The forum will enable E&S groups/organisations and the sector industry direct participation in the strategy implementation and monitoring in order to provide vital sector input, in collaboration with the strategy partners and lead agencies into the wide range of challenges faced in the sub-region, including specific input into:

- Sustaining and improving the environment.
- Building the Community
- Urban form and design
- Housing affordability
- The contribution of the E&S sector to economic growth and wellbeing of the people.

### 3. Role

The Forum will have on-going input into the Strategy development and implementation including the following specific aspects:

- Providing input and feedback in respect of partner projects relating to strategy actions where such input is sought by the SmartGrowth Strategic (Managers) Group (SSG) particularly with regard to sustainable development/management considerations
- Monitoring of relevant strategy actions.
- The development of statutory and non-statutory policies by the SmartGrowth Partners that either arise from the strategy or have the potential to impact on the strategy.
- SmartGrowth representations to regional and national forums and central government.
- Using the grassroots knowledge of the forum to alert SmartGrowth to emerging environmental matters and sustainability developments that may impact on SmartGrowth policy and direction.

#### **4. Membership**

The forum membership is representative of the wider community within the western Bay of Plenty and currently has representation from the following organisations:

- Papamoa Progressive Association
- Master Painters BOP
- Sustainability Options
- Sustainable Business Network
- Envirohub
- Waiairiki BOP Polytechnic
- Tauranga Carbon Reduction Group
- Surf Break Protection Society
- Maketu Ongatoro Wetland Society
- Uretara Estuary Managers
- The Rock – Papamoa Community Garden
- Friends of Puketoki and Friends of the Blade
- Welcome Bay Community Centre
- Otanewainuku Kiwi Trust
- Aongatete Forest Restoration Trust
- Federated Farmers
- Fruit Growers Association
- New Zealand Planning Institute
- Royal Forest and Bird Protection Society of NZ
- Te Puke Environment Forum
- The Rock – Papamoa Community Garden
- The Sustainability Society

## **5. Other SmartGrowth Forums and the SmartGrowth Strategic (Managers) Group (SSG) – Linkages and Reporting**

In order to provide transparency, a member (an alternate can be appointed) of the other SmartGrowth Forums and the SSG (as selected by those groups) will be invited to attend and participate in the E&S Sector Forum meetings. The E&S Sector Forum may also appoint a member to attend and contribute to the wider Strategic Partner Forum. Meeting minutes and reports from each of the SmartGrowth Partner Forums will be made available to the other forums, to SSG and to SLG.

## **6. SmartGrowth Leadership Group (SLG) – Linkages and Reporting**

The forum members are able to present to the SLG at any of the formal meetings with agreement of SLG Chair and at any agreed workshops, held between SLG and the forum. Annually SLG hosts a workshop with the forum (or combined with other forums) to discuss a range of matters and issues. The minutes of the forum meetings are provided to SLG as part of the regular reporting process and any particular issues are drawn out and highlighted in the bi-monthly report presented to SLG by the Independent Chair, Implementation Manager and Strategic Advisor.

## **7. Information Provision and Feedback**

Relevant draft reports, ideas, submissions, and proposed initiatives are provided to the Forum for discussion and input prior to matters going to SLG for decision-making. These may be part of a meeting agenda item, or if between meetings, circulated by email to the Forum Chair, for feedback. This feedback will be presented to SLG.

## **8. Meetings Attendance and Presentations**

The Independent Chair, Implementation Manager, Strategic Adviser and Well-Beings Implementation Officer may attend meetings from time to time, provide written reports, advice and seek input on various matters. SLG members may also be invited to attend the Forum from time to time.

**Frequency** - The Forum will meet bi-monthly, prior to the SLG meeting to provide information and feedback on specific issues directly relating to Strategy implementation.

**Servicing** - The Forum will be serviced by SmartGrowth through the Implementation Manager, for matters including venues, agenda circulation, minute-taking and report materials.

**Chair** - A chair will be appointed by the Forum

# Environment and Sustainability Forum (E&S Forum) – Membership

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<b>Current Members</b>	<b>Representation</b>
Jo Wills (Chair)	Sustainability Options
Buddy Mikaere	Combined Tangata Whenua Forum
Eddie Orsulich	Aongatete Forest Restoration Trust
Ian McLean	Toi Omohai
Mary Dillon	Envirohub BOP
Barry Roberts	Federated Farmers of New Zealand
John Garwood	Fruit Growers Association
Julie Midson	Kaimai Settlers Association
Julian Fitter	Maketu Ongatoro Wetland Society
Riki Nelson	Master Painters BOP
Cole Burmester	Triathlon Tauranga
Hans Pendergrast	Otanewainuku Kiwi Trust
Kair Lippiatt	Royal Forest and Bird Protection Society of NZ
Paul Hickson	Surf Break Protection Society
Glen Crowther	Sustainable Business Network
Gray Southon	Tauranga Carbon Reduction Group
David Hursthouse/Callum Barnett	The Rock – Papamoa Community Garden
James Hughes	The Sustainability Society
Lawrie Donald	Uretara Estuary Managers
Dean Tully	Toi-Ohomai Institute of Technology
Mel Arnold	Toi Te Ora – Public Health Service BOPDHB
<b>SmartGrowth Partner Staff</b>	
Michelle Elborn	Tauranga City Council
Glenn Ayo	Western Bay of Plenty District Council
Janie Stevenson	Bay of Plenty Regional Council
Stephanie Macdonald	Bay of Plenty Regional Council

**Environment and Sustainability Forum**  
**Tuesday 23 May 2017, 1.30-3.30pm**  
**School House, Historic Village, 17<sup>th</sup> Avenue**

<b>Forum Members Present</b>	Jo Wills (Chair/Sustainability Options), Eddie Orsulich (Aongatete Forest Restoration Trust), Mel Arnold (Toi Te Ora Public Health), Buddy Mikaere (CTWF), John Garwood (Fruit Growers Association), Julian Fitter (Maketu Ongatoro Wetland Society), Kair Lippiatt (Royal Forest and Bird Protection Society of NZ), Mary Dillon (Envirohub), Gray Southern (Carbon Action Group), Glen Crowther (Sustainable Business Network), Dean Tully (Toi Ohomai)	
<b>SmartGrowth</b>	Karen Summerhays (P+P/SmartGrowth)	
<b>Other</b>		
<b>Partner Staff</b>	Michelle Elborn (TCC)	
<b>Apologies (forum members)</b>	Barry Roberts (Federated Farmers)	
<b>Previous minutes and matters arising</b>	The minutes of the 21 March 2017 meeting were accepted as a true and correct record <u><b>Moved</b></u> Mary Dillon, <u><b>Seconded</b></u> Julian Fitter	
	<b>Previous actions:</b>	
	MAY	Jo to approach NZTA and invite a representative to join the forum. – <b>Glen Crowther is to contact Alistair Talbot</b>
	JAN	Karen S to circulate Precautionary Principle information plus the RPS associated wording <b>Circulated to members 28/3/17</b>
	JAN	Karen to ask CJ how she would like to respond the Forum recommendation regarding the lakes, suggest a conversation of interested persons. <b>Has now become part of a larger project on reviewing the Lakes Area through a planning framework.</b>
	JAN	All Forum Members send Cycleways information to Glen Crowther - <b>Ongoing</b>
	JAN	Jo to invite Che Hedges to provide an overview of the IDC (what is happening and when). – <b>Che attended meeting and provided an introduction to the IDC</b>
	MARCH	Jo to provide MfE information regarding sea level rise in green/brown field developments as soon as it becomes public information- <b>Ongoing</b>
	MARCH	TCC to provide a timeline regarding opportunities for the Forum to be involved in the Structure Plan development in both Te Tumu and Tauriko west.- <b>Ongoing information to be provided at the combined Forum Hui 28/6/17</b>

	MARCH	Notify members regarding the NZTA Tauriko Open day asap - <b>Notified as part of this agenda</b>
	MARCH	Add TOR discussion to the next agenda - <b>postponed until July at the request of the Chair</b>
Review of the TCC Infrastructure Development Code	Discussion	<p>Che Hedges provided an introduction to the TCC Infrastructure Development Code (IDC). He explained that if the City Plan is 'what' we do the IDC is the 'how we do it. <a href="http://www.tauranga.govt.nz/documents-reports/councils-regulatory-documents/infrastructure-development-code.aspx">http://www.tauranga.govt.nz/documents-reports/councils-regulatory-documents/infrastructure-development-code.aspx</a></p> <p>There were number questions from the members. The members expressed an interest in providing input in the future and questioned as to why they were not alerted to this review earlier. The members decided to compile any questions they had and forward to Che for the answers.  <b>The questions need to be emailed to Jo Wills by Monday 19<sup>th</sup> of June.</b>          Che explained that a number of the proposed changes have already been decided</p> <p><b>Post note: Information about the IDC review</b> (as previously supplied to PDF and from an update provided on the 1/5/17. <b>NOTE these have been abbreviated by KS to be relevant to E&amp;SF</b>)          The following applies to Project 1 only of the IDC Review Project:</p> <ul style="list-style-type: none"> <li>• All 67 Issues categorised as "Quick Wins" have been resolved or reallocated to other workstreams. These are issues that were deemed simple to fix, with no requirement for consultation. They are generally a clarification, an option or a generic clause.</li> <li>• The top priority topics have been allocated to workstreams as follows:             <ul style="list-style-type: none"> <li>○ <b>Water Supply:</b> Pipework / Operational Fittings / Service Connections</li> <li>○ <b>Stormwater:</b> Ground Soakage / Sumps / Manholes &amp; Chambers (incl. Wastewater)</li> <li>○ <b>Transportation:</b> Carriageway / Safety Audit / Vehicle Crossings</li> <li>○ <b>Geotechnical:</b> DS-10 review</li> <li>○ <b>Parks &amp; Recreation:</b> Identify further improvement areas</li> <li>○ <b>Individual Projects:</b> IDC Philosophy / Easements &amp; Land-locking / Public Lighting / Street Naming / Website / Building Consent Prior to s224.</li> </ul> </li> <li>• The response to these issues commences with a collaborative relationship with industry Subject Matter Experts to obtain opinion and technical recommendation.             <ul style="list-style-type: none"> <li>○ Collaboration work on Water Supply: Pipework and Stormwater: Sumps / Manholes &amp; Chambers (incl. Wastewater) commenced 26 Jan 2017.</li> </ul> </li> <li>• The online IDC will undergo a format change in the next couple of months to improve web format and usability.</li> </ul>

		<p><b>Items For Review That the E&amp;SF may be interested in:</b></p> <ul style="list-style-type: none"> <li>• <b>Transportation Safety Audit:</b> Investigate the requirement for safety audits on all projects, whether Council or Development (subdivision) Projects. Changes to the Health &amp; Safety Act and best practice require this to be looked at.</li> <li>• <b>Street Naming:</b> Clarify street naming requirements and the timing of street name submission to tie in with Development Works Approval.</li> <li>• <b>Development Works Approval Report:</b> Provide a report template for Consultants to use to promote improved consistency of reporting, removal of multiple checklists and improved quality vs time for application processing.</li> <li>• <b>Geotechnical:</b> Review DS-10 Natural Hazards &amp; Earthworks. Includes investigation and understanding of Building Services information that was released recently.</li> <li>• <b>Waste Minimisation:</b> Introduce a generic clause on the topic of Waste Minimisation. Encourage Developers and Practitioners to start considering this as part of their normal business. Council will (in time) introduce more information (guidance and eventually requirements) to support the objectives set out in the Waste Minimisation Plan.</li> </ul> <p>The aim is to release this work as it is completed. The target for all high priority topics is to complete them by <b>1 July 2017</b>.</p> <p><b>Project 2 IDC: Response to Intensification</b> Yet to be fully scoped.</p> <p><b>1/5/17 - Update from Che Hedges on the TCC IDC Amendment and Review process including proposed consultation dates for easements, natural hazards and earthworks and stormwater.'</b></p> <ul style="list-style-type: none"> <li>• Plan to start the procedure for formal consultation on the following issues from next week</li> <li>• Only the issues noted as Consultation Topics below will undergo formal consultation. All other issues will be informally consulted or are clarifications of issues the industry have asked for clarification on or are simplifications of current outcomes or are process improvements.</li> <li>• The consultation period will be 4 weeks under LGA Consultation requirements</li> <li>• There is no requirement for formal hearings however, a 3-tier system will be utilised to allow for discussions on the issues.</li> </ul>
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	Action	Members to send any specific questions through to Jo Wills by 19th of June, to present them to Che for answering.
Transport Cycle Action Plan ( <b>Paper B</b> )	Update	Jo provided an update regarding the Cycle Action Plan (CAP).

PT Blueprint <a href="http://www.drivechange.co.nz">www.drivechange.co.nz</a>		<p>The group is working to get funding allocated in the LTP with the aim to get more people on bikes. Presently seeking stakeholder feedback and once that has been incorporated the CAP will come out for public consultation. She explained that the different groups had different foci:</p> <ul style="list-style-type: none"> <li>• Bike Now (SBN project) is advocating for an integrated transport system including active &amp; public transport, and it focus on more people using a bike for transport, district wide.</li> <li>• Bike Mount (community led and focused) is advocating for their proposed (Mauao Cycleway) design be seen as a flagship opportunity and getting more people on bikes as transport.</li> <li>• Trails Trust has a primary concern for recreational cycle trails</li> </ul> <p>It was noted that the cycle trails and commuting should be encouraged to work together where possible.</p> <p>Glen provided an update on the Public Transport Blueprint, which is now seeking an integrated approach including cycling and city public transport. Feedback can be provided on <a href="http://www.drivechange.co.nz">www.drivechange.co.nz</a> (feedback by the 6<sup>th</sup> June)</p> <p>Glen explained that there was many pages of questions and offered to compile a list of questions that would be of interest to the Forum members.</p> <p>Smart Transport Forum is an event being hosted by SBN later this year and it supported by SmartGrowth, NZTA, TCC, WBOPDC, Priority One and the Chamber. This event could lead better integration of transport planning in the future and potentially be a platform for ongoing engagement.</p> <p>The Chair acknowledged the extensive work being undertaken by Glen Crowther around an integrated transport approach.</p> <p>Comments from the members:</p> <p>The needs of the Matapihi community must be paramount if any further investment into the existing cycleway (there) is to be considered as the community has needs as well. – Buddy</p> <p>To obtain community taking ownership and realisation of the plans the process is as important as the outcomes – Gray</p> <p>Smart transport must include rail – Julian</p> <p>Our environmental footprint will benefit from investment in a well-designed integrated transport network – Eddie</p>
	Action	Glen to compile a list of questions from Drivechange that would be of interest to the Forum members which will be circulated asap
Tauriko West Open Day <i>(Paper C)</i>	Update	The Forum discussed and expressed dissatisfaction regarding the lack of engagement with the Forum regarding the planning at Tauriko especially as the Forums were the nominated stakeholders in the

		<p>settlement pattern review. The Chair encouraged individual members to attend the open days on the 26<sup>th</sup>/27<sup>th</sup> May at the Crossroads Centre.</p> <p>It was decided to form a subcommittee to focus on Tauriko ready for engagement at the hui. Members are presently Glen, Jo, Mary and James (other members are welcome to join), conversations to begin via email.</p> <p>Post note: these two links have since come to light and are included for your individual action or for to share responses with Jo for the subcommittee to include in their discussions.  <a href="http://www.taurikofortomorrow.co.nz/survey/">http://www.taurikofortomorrow.co.nz/survey/</a> Also <a href="http://www.tauranga.govt.nz/projects/tauriko-for-tomorrow/structure-planning.aspx">http://www.tauranga.govt.nz/projects/tauriko-for-tomorrow/structure-planning.aspx</a></p>
	Action	<p>Tauriko Subcommittee to be formed: Glen, Mary, James, Jo.          Karen to obtain and share the timeline of engagement for Tauriko.</p>
Te Tumu E&S Paper (Paper D)	Discussion	<p>‘Where to from here’ with the actions in the E&amp;S Te Tumu paper was discussed and it seemed that there was no point in pursuing the actions until after the combined forum hui on the 28<sup>th</sup> June.          It was suggested that, to help inform the Forum’s work, a couple of large maps be available at the meetings. (Tauriko and Te Tumu)</p>
	Action	<p>Julian to produce a brief Te Tumu think piece in preparation for the combined Forum Hui on the 28<sup>th</sup> June          Karen to source laminated maps of Tauriko and Te Tumu</p>
SmartGrowth Update	Update	<ul style="list-style-type: none"> <li>• <b>Position Paper Response and Hui</b> update-              There was considerable unrest among the forum members about the lack of engagement and flow of timely information/communications from SG with regards to all current projects to date. Members have waited a long time for the response from the position papers and have concerns the Hui will not allow for genuine discussion about key issues. There is also concern forums are not being heard, because they are not given any platform to raise issues or recommendations. The Chair suggested the forum members attend the hui and invest time in reviewing the responding to the checklist tool as the avenue for engagement, and recommendations were made for the forum to be prepared with key issues overall as well as project based for discussion (at the Hui).</li> <li>• <b>The Lakes Review project</b> – Karen highlighted that this project had now grown to a much larger project and the details of which are still being discussed and will be on the Chairs meeting agenda. The forum expressed their concern that as they are all volunteers that they have only so much time they can give to these types of requests.</li> <li>• <b>Membership verification</b> process- members were reminded that this is an ongoing action.</li> </ul>

		<ul style="list-style-type: none"> <li>• <b>SmartGrowth Indicator report</b> was tabled and as there was a lot to take in, the Chair invited all members to provide feedback (particularly regarding the environmental indicators) to her by the 9<sup>th</sup> June</li> </ul>
	Action	Members to provide feedback (particularly regarding the environmental indicators) to her by the 9 <sup>th</sup> June
General Business	Discussion	<p>Julian informed the Forum of the establishment of the <b>Bay Conservation Alliance</b>. It is a registered society focused on landscape conservation with members working together to make the volunteer organisations strong and share resources.</p> <p>Michelle updated re the development of the <b>TCC Environmental Strategy</b>. They see the forum as an important stakeholder and that they have been reflecting on the E&amp;SF Position paper. There will be stakeholder engagement from the middle of June. Jo Wills and Bernie Walsh have been invited to address the TCC Environment Committee 30<sup>th</sup> May.</p> <p>Gray provided an update on the national climate policy development. A Climate Forum to be established under the Ministry for the Environment. Noting the 'mitigation' has been moved to the productivity commission.</p>
	Action	TCC representative to attend the next meeting (18 July) to get Forum input into the Environment Strategy

Meeting closed 3.45 pm. Next meeting Tuesday 18 July 2017 1.30-3.30pm, School House, Historic Village, 17<sup>th</sup> Avenue.

### Environment and Sustainability Forum Outstanding Actions

JAN	All Forum Members send Cycleways information to Glen Crowther - <b>Ongoing</b>
MARCH	Jo to provide MfE information regarding sea level rise in green/brown field developments as soon as it becomes public information- <b>Ongoing</b>
MARCH	TCC to provide a timeline regarding opportunities for the Forum to be involved in the Structure Plan development in both Te Tumu and Tauriko west.- <b>Ongoing information to be provided at the combined Forum Hui 28/6/17</b>
MARCH	Add TOR discussion to the next agenda - <b>postponed until July at the request of the Chair</b>
MAY	Glen Crowther is to contact Alistair Talbot (NZTA) regarding a representative to join the forum and let Jo know who to follow up.
MAY	Members to send any specific <b>questions about the IDC through to Jo Wills before the 19th of June</b> , to present them to Che for answering.

MAY	Glen to compile a list of questions from Drivechange that would be of interest to the Forum members which will be circulated asap
MAY	Tauriko Subcommittee to be formed, Glen, Mary, James, Jo.
MAY	Karen to obtain and share the timeline of engagement for Tauriko.
MAY	Julian to produce a brief Te Tumu think piece in preparation for the combined Forum Hui on the 28th June
MAY	Karen to source laminated maps of Tauriko and Te Tumu
MAY	TCC representative to attend the next meeting (18 July) to get Forum input into the Environment Strategy
JUNE	All members to provide SmartGrowth indicator report feedback to Jo by 9 <sup>th</sup> June

## Chairs report for meeting 18<sup>th</sup> July

Have been attending many transport focused meetings, led by Glen, SBN as follows:

TCC Cycle Action Plan  
 Regional Land Transport Plan  
 PT Blueprint  
 B2B

Have also engaged with TCC staff re the E & S forum as a key stakeholder group in the development of the Environment Strategy

Working on the messages for the Tri Council as organised by TGA Carbon Reduction Group and attended council meeting 10 July

Also attended:

SG Partners Forum  
 SG Leadership Group  
 SG Chairs Meeting

## E & S Forum watching brief for meeting 18<sup>th</sup> July

Area of focus	Update	Agreed Actions	Forum members engaged + delegated Forum lead/s (forum lead is not always project lead)	Agreed Forum position for lead delegate to convey
Environment Strategy (TCC)	Have met with Celia Walker about the process the TCC Environment Committee will be taking for strategy development.	Support this work by engaging with TCC staff on strategy development when we know more about what that looks like.	Jo, Michelle	
Te Tumu	Organising a meeting with the Fords	JF to arrange meeting with Geoff & Dianne Ford. Email sent 07/07/17	Julian, Jo, Glen	Aim for minimal environmental impact. Good use/creation of

				dunes and wetlands. Low density housing. Seek to veto second bridge across the Kaituna. Ramsar Site on Lower Kaituna and Maketu & Waihi harbours.
Tauriko West	Waiting to hear back from TCC on 3 touch points over the rest of the year for forum engagement in structure planning (ref. hui update)	Will keep on Cam re timeline and process to ensure meaningful engagement for forum.	Jo, Mary	
Environment Committee (TCC)	<p>Biosolids: they have deferred the Biosolids decision for a few years meaning the sludge will continue to go to Landfill in the meantime. The Council staff didn't go into details of the options that they listed as : -</p> <ul style="list-style-type: none"> <li>• solar Drying</li> <li>• thermal drying</li> <li>• aerobic digestion (<i>which to me seems the most environmentally friendly</i>)</li> <li>• vermi-composting</li> <li>• incineration</li> </ul> <p>The problem from their point of view that there appeared to be no long term viable buyer for the end product (where there was one), and the costs were high. Could possibly be used for native forest regeneration on non</p>	Interested in seeing more detail on those options, will write to council and ask for detail if agreed by forum to pursue.	John, Mary	

	Maori land, as they have avoided getting involved so far.			
Cycle Action Plan (TCC)	Forum members have attended two stakeholder workshops led by TCC staff member Mathew Stewart. Purpose of workshops has been to test and review the principles, priorities and community engagement process for the CAP. Community engagement process to happen prior to submitting CAP (with projects) to LTP.	Mathew is managing this and has been feeding back updates as more workshops take place. Next step for forum would be to engage as part of the community consultation process to support CAP funding in LTP.	<b>Jo, Glen, Gray, James, John</b>	
Regional Land Transport Plan (all councils and NZTA)	Have provided input in to creation of the problems, benefits and measurements/indicators for the LTP	BOPRC develop Regional Land Transport Plan from “bids” by councils for transport funding. These are finalised by 30/4/18 and sent to NZTA for consideration for funding.	<b>Glen (SBN), supported by James and Jo</b>	
B2B (NZTA/TCC)	Ongoing engagement with NZTA around B2B project in conjunction with other cycling initiatives and plans.	Aim is to liaise with TCC to link B2B and TCC cycleways.	<b>Glen, Jo, James</b>	
Western BOP Public Transport Blueprint (BOPRC)	Community engagement got a lot of feedback, with a lot of opposition to scrapping school buses and some support for new initiatives.	BOPRC has decided to delay decision about plan for buses by 6 months, so new services will start beginning of 2019 rather than July 2018.	<b>Glen</b>	
Smart Transport Forum (SBN, SmartGrowth, Chamber, P1)	Event to focus on key transport issues in Tauranga-WBOP.	Glen is working with others to develop programme for this event, which looks likely to happen mid-September.	<b>Glen</b>	
Tri-Council meeting	The Tauranga Carbon Reduction Group has organised a meeting TCC, BOP and WBOPDC to present the case for climate change mitigation (and	Constrained attendance at the meeting, will report back to forum after the meeting.	<b>Glen, Gray, Michelle, James, Jo</b>	



	adaptation) to be prioritised in the LTP (focusing on co-benefits of specific outcomes).			
Eco-City World Summit	Attending the 3 day world summit 12 <sup>th</sup> – 14 <sup>th</sup> July in Melbourne	Will report back to SG leadership group and forums as invited.	<b>Jo</b>	
Transport Committee (TCC)	Ongoing focus on Tauranga Transport Programme (TTP) Business Case.	Upcoming community engagement around TTP, plus ongoing strategic transport discussions by this committee and SG Leaders' Group.	<b>Glen</b>	
City Transformation Committee (TCC)			<b>Mary</b>	
LDC review			<b>?</b>	
Methyl Bromide	There is a community group (Community Fumigation Action Group) that is lobbying the Port, Genera and the Regional Council for the removal, reduction, reuse, recapture of the use of Methyl Bromide. The Port of Tauranga hosted a tour and a Q&A session for the members of the Community Fumigation Action Group. Representatives have met with reps from the BOPRC and from that a list of tasks to be undertaken has been developed.	The group will meet and discuss next steps and continue to keep the pressure on so that the recapture targets set in the Genera consent are met... heading to 100% recapture by 2020 if not before then.	<b>Karen, Glen, Mary</b>	
EnviroHub			<b>Mary</b>	

**Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1**

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>All Sections</b> Online IDC Format	<ul style="list-style-type: none"> <li>- Update to new organisational web format.</li> <li>- New Online Form for industry change requests.</li> <li>- New web page for obtaining data from Council</li> </ul>	<ul style="list-style-type: none"> <li>- Organisational format change</li> <li>- Better use of web functionality</li> </ul>	<b>Type A</b> IDC delivery method	Summary email to IDC Register prior to adoption of IDC
<b>All Sections</b> Printable IDC Format	<ul style="list-style-type: none"> <li>- Strip documents of publishing software templates.</li> <li>- Reformat documents.</li> </ul>	<ul style="list-style-type: none"> <li>- Publishing software not supported anymore.</li> </ul>	<b>Type A</b> IDC delivery method	Summary email to IDC Register prior to adoption of IDC
<b>All Sections</b> Explanatory Boxes (new)	<ul style="list-style-type: none"> <li>- Provide explanatory boxes throughout the IDC.</li> </ul>	<ul style="list-style-type: none"> <li>- Provide explanations “why” Council requires a certain method or outcome.</li> </ul>	<b>Type A</b> IDC delivery method	Summary email to IDC Register prior to adoption of IDC
<b>All Sections</b> CBD Topics	<ul style="list-style-type: none"> <li>- Remove all CBD related topics.</li> <li>- Refer to Councils City Transformation team.</li> </ul>	<ul style="list-style-type: none"> <li>- Council is engaging work on a City Transformation project.</li> <li>- To prevent confusion or provision of assets that may not align with the City Transformation project, it is sensible to remove the IDC requirements.</li> </ul>	<b>Type A</b> IDC delivery method	Summary email to IDC Register prior to adoption of IDC
<b>General Section</b> GEN-1 Introduction	<ul style="list-style-type: none"> <li>- Shorter summary regarding the IDC’s purpose.</li> <li>- Reinforce requirement that IDC also applies to Council itself.</li> <li>- Add provision for Building Consent engineering guidance.</li> <li>- Simplify wording.</li> <li>- Add consideration for building consent outcomes.</li> <li>- Introduce an inclusive / collaborative philosophy for IDC advancement.</li> <li>- Clarify IDC layout and format changes.</li> <li>- Update staff roles</li> <li>- Add standards references to latest operative version (unless otherwise stated)</li> <li>- Updated contributing groups</li> </ul>	<ul style="list-style-type: none"> <li>- Previous version too long / confusing.</li> <li>- Handled better by simpler statements.</li> <li>- One set of rules for everyone (where applicable).</li> <li>- Landform and servicing issues need to be connected to the subdivision topics to provide for aligned outcomes.</li> </ul>	<b>Type A</b> No substantial technical changes	Summary email to IDC Register prior to adoption of IDC

## Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>General Section</b>  GEN-2 Strategic Alignment	<ul style="list-style-type: none"> <li>- Shorter summary connecting strategies to the IDC.</li> <li>- Simplify wording.</li> <li>- Simplify strategic linkage and where the IDC fits.</li> <li>- Add simple diagram to demonstrate this.</li> <li>- Add links to TCC website for location of strategic information</li> </ul>	<ul style="list-style-type: none"> <li>- Previous version was too long.</li> <li>- Handled better by simple web links to Council website.</li> </ul>	<b>Type A</b> No substantial technical changes	Summary email to IDC Register prior to adoption of IDC
<b>General Section</b>  GEN-3 Levels of Service	<ul style="list-style-type: none"> <li>- Shorter summary regarding levels of service.</li> <li>- Simplify wording.</li> <li>- Add consideration where differences in levels of service may apply.</li> <li>- Add link to TCC website for location of level of service information.</li> </ul>	<ul style="list-style-type: none"> <li>- Previous version was too long.</li> <li>- Handled better by simple web links to Council website.</li> </ul>	<b>Type A</b> No substantial technical changes	Summary email to IDC Register prior to adoption of IDC
<b>General Section</b>  GEN-4 Definitions	<ul style="list-style-type: none"> <li>- Updated as aligned with changes approved elsewhere in the IDC.</li> </ul>	<ul style="list-style-type: none"> <li>- Appropriate for completeness and accuracy.</li> </ul>	<b>Type A</b> No substantial technical changes	Summary email to IDC Register prior to adoption of IDC
<b>General Section</b>  GEN-5 Document Control & Management	<ul style="list-style-type: none"> <li>- Update staff roles.</li> <li>- Update industry group titles.</li> <li>- GEN-5.2.4 Update that next Triennial Review is to be determined</li> </ul>	<ul style="list-style-type: none"> <li>- Previous version was too long</li> <li>- Issues handled better by links to Council website.</li> <li>- Change mechanism for the IDC may be reviewed to enable it to be more responsive to industry / technology changes.</li> </ul>	<b>Type A</b> No substantial technical changes	Summary email to IDC Register prior to adoption of IDC
<b>Infrastructure Development Processes Section</b>  ID-1 Infrastructure Development Processes	<ul style="list-style-type: none"> <li>- Reduce wordage</li> <li>- Updated as aligned with changes approved elsewhere in the IDC.</li> <li>- Simplified references to Resource Consent &amp; Non-Resource Consent Works.</li> <li>- New clause for works not associated to a Resource Consent.</li> <li>- Add Diagrams from previous Business &amp; Process Diagrams Section (now removed)</li> </ul>	<ul style="list-style-type: none"> <li>- Previous version was too long.</li> <li>- Reflect the changes made elsewhere.</li> </ul>	<b>Type A</b> No substantial technical changes	Summary email to IDC Register prior to adoption of IDC
<b>Business &amp; Process Diagrams Section</b>	<ul style="list-style-type: none"> <li>- Removed.</li> <li>- Moved diagrams to ID-1 Infrastructure Development Processes.</li> </ul>	<ul style="list-style-type: none"> <li>- Alignment of similar sections.</li> </ul>	<b>Type A</b> No substantial technical changes	Summary email to IDC Register prior to adoption of IDC

## Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>All Applicable Design Sections</b>  City Plan Performance Standards	- Addition of City Plan Performance Standards for applicable asset disciplines.	- Provide improved connectivity between Councils performance / outcome drivers and the IDC.	<b>Type A</b> IDC delivery method	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-1 General	- DS-1.3 Extended and clarified the Alternative Design requirements to better reflect what is and being asked for by Council.	- Align clause with actual day-to-day business as usual process.	<b>Type A</b> No substantial technical changes	Summary email to IDC Register
<b>Design Standards Section</b>  DS-1 General (new)	- DS-1.4 Added generic advisory clause for Culture & Heritage	- There is no mention of this within the IDC. - It is a very important component of land development. - Provide links to City Plan & Heritage NZ Act.	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-1 General	- DS-1.5 Added generic advisory clause for Health & Safety	- Important issue that needs a clause for design considerations. - Update Act references.	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-1 General (new)	- DS-1.6 Added generic advisory clause for Pollution	- Important issue that needs a clause for design considerations - Update Act and TCC Bylaw references.	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-1 General (new)	- DS-1.7 Added generic advisory clause for Waste Minimisation	- Important issue that needs a clause for design, outcome and environmental considerations. - Provide options and references to NZ Waste Strategy, Waste Min. Act and TCC Waste Min. Plan.	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-1 General (new)	- DS-1.8 Added generic advisory clause for understanding ground conditions.	- One of the most important technical considerations that did not have a general clause to bring attention to it.	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC

## Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>Design Standards Section</b>  DS-1 General  <b>Special Topic</b> Easements (new)	<ul style="list-style-type: none"> <li>- DS-1.22 New easement clause</li> <li>- One place for all easement requirements to be linked to</li> <li>- Councils “preference” is for no public infrastructure on private land</li> <li>- Where necessary, easements in gross shall be provided</li> <li>- Remove current exception for infrastructure within 1.5m of a boundary.</li> </ul>	<ul style="list-style-type: none"> <li>- Easier to locate in the IDC as a significant topic.</li> <li>- Council cannot be expected to accept public infrastructure in private land as a right.</li> <li>- To provide for access rights etc.</li> <li>- Clarify responsibilities.</li> </ul>	<b>Type C</b> Issue of significance.	Formal consultation undertaken.
<b>Design Standards Section</b>  DS-4 Transportation Network	<ul style="list-style-type: none"> <li>- DS-4.5.7 Reduction of Sump design requirements. Reference to Stormwater for Sump design requirements.</li> <li>- DS-4.8.2 Added footpath tolerances.</li> </ul>	<ul style="list-style-type: none"> <li>- Provision of designs that suit the environment the sumps are being positioned within.</li> <li>- Some footpath placements in recent times have been inconsistent.</li> </ul>	<b>Type A</b> Clarification of requirements.	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-4 Transportation Network  <b>Special Topic</b> Street Naming (new)	<ul style="list-style-type: none"> <li>- Appendix C Defined and summarise street naming requirements.</li> </ul>	<ul style="list-style-type: none"> <li>- Support desired policy outcomes.</li> <li>- Provide for more efficient processing.</li> <li>- Applications occur too close to s223, are often incorrect and do not give Council enough time to process prior to s223 / s224 application.</li> </ul>	<b>Type A</b> Aligns with a policy that has already been formally consulted.	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-5 Stormwater  <b>Special Topic</b> Stormwater Design	<ul style="list-style-type: none"> <li>- DS-5.4.4 Clarification of Rational Method &amp; Hydrodynamic Model use.</li> <li>- Appendix D Add new rainfall depth information to support DS-5.4.4 clarifications.</li> <li>- Appendix E Add new guidance appendix regarding the use of the Rational method to support DS-5.4.4 clarifications.</li> </ul>	<ul style="list-style-type: none"> <li>- Amended design method based on recommendations from the Integrated SW Project team.</li> </ul>	<b>Type C</b> It may influence the way designs are undertaken and the results they produce.	Formal consultation undertaken NOTE: There are some issues still outstanding. These have been tagged in the documentation. Practitioners are advised to contact Council for more details.

## Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>Design Standards Section</b>  DS-5 Stormwater  <b>Special Topic</b> Ground Soakage Design	<ul style="list-style-type: none"> <li>- DS-5.7.2 Update to Ground Soakage requirements.</li> <li>- Appendix F Updated Ground Soakage requirements. Aligned with DS- 5.7.2.</li> <li>- Appendix G Provision of ground soakage worked example.</li> </ul>	<ul style="list-style-type: none"> <li>- The current information was out of date and required updating.</li> </ul>	<b>Type C</b> It may influence the way designs are undertaken and the results they produce.	Formal consultation undertaken NOTE: There are some issues still outstanding. These have been tagged in the documentation. Practitioners are advised to contact Council for more details.
<b>Design Standards Section</b>  DS-5 Stormwater	<ul style="list-style-type: none"> <li>- DS-5.3 Updated to include consideration of comprehensive consents.</li> <li>- DS-5.4.5 Clarification of Freeboard measurements</li> <li>- DS-5.5.11.1 Relaxing manhole separation requirements</li> <li>- Requirement of information to support manhole installations at depth.</li> <li>- Alignment with CPAA guidelines.</li> <li>- DS-5.6.1.2 Confirmation that access to these ponds shall be provided on land owned or to be owned by Council.</li> <li>- DS-5.8.2 Clarification of sump design requirements.</li> <li>- Updated flow rates.</li> <li>- Clarification of High Capacity sump requirements.</li> <li>- Addition of retrospective sump design requirements.</li> <li>- Relaxation of "recessing only" requirement.</li> </ul>	<ul style="list-style-type: none"> <li>- Comprehensive consents previously not mentioned but are important.</li> <li>- Clarify building platform freeboard vs Building Code freeboard.</li> <li>- Allow for further advancement in manhole technology and outcomes.</li> <li>- To remove accessibility issues for Council to ensure appropriate maintenance of these assets.</li> <li>- Provision of designs that suit the environment the sumps are being positioned within.</li> </ul>	<b>Type A</b> Clarification of requirements.	Summary email to IDC Register prior to adoption of IDC

## Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>Design Standards Section</b>  DS-6 Wastewater	DS-6.5.3 Addition of an Ideal Grade. DS-6.5.12.1 Relax separation requirements - Requirement of information to support installations at depth. - Alignment with CCAA guidelines. DS-6.7.2 Addition that physical access for operation and maintenance purposes shall be considered within the design.	<ul style="list-style-type: none"> <li>- To assist with improved flow</li> <li>- Allow for further advancement in manhole technology and outcomes.</li> <li>- To remove accessibility issues for Council to ensure appropriate maintenance of these assets.</li> </ul>	<b>Type A</b> Clarifications rather than significant changes	Summary email to IDC Register prior to adoption of IDC
<b>Design Standards Section</b>  DS-7 Water Supply	DS-7.1 Simplified objectives for Water Supply DS-7.2 Addition of operations and maintenance considerations. DS-7.4 Clarification that connection to network cannot occur until approved. DS-7.5 Clarification of desired 100-year asset life. DS-7.5.1.3 Clarification requirement is for residual pressure under fire flow conditions. DS-7.5.3 IDC will only specify for PVC & PE piped mains, - 50mm Ø PVC rider main removed. - Pipe classifications updated to include both pipe types. DS-7.5.3.2 Added PE pipe sizes DS-7.5.3.3 50mm Ø PVC rider main removed. DS-7.6.10 End capping to be specifically designed. DS-7.7.3 Clarification of Thrust Block requirement for each pipe type. DS-7.9.3 Added requirements for trenchless technology use.	<ul style="list-style-type: none"> <li>- Clarity</li> <li>- Designers must think beyond the construction of an asset and factor in how it is used and maintained.</li> <li>- Reinforcement of existing requirement.</li> <li>- Asset life was implied but not stated.</li> <li>- Clarity</li> <li>- IDC design envelop only includes the 2 most common pipe materials currently utilised in the industry. 50mmØ PVC rider are not being constructed.</li> <li>- IDC was PVC heavy, PE requirements added.</li> <li>- No detail for end capping so specific design applies.</li> <li>- Thrust blocks are not always required. Designers to specify.</li> <li>- Existing Trenchless Technology information was fairly sparse.</li> </ul>	<b>Type A</b> Clarifications rather than significant changes	Summary email to IDC Register prior to adoption of IDC

## Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>Design Standards Section</b> DS-8 Public Lighting	<ul style="list-style-type: none"> <li>- Remove previous documentation.</li> <li>- Move to LED Lighting Technology.</li> </ul>	<ul style="list-style-type: none"> <li>- Technological and industry advances have resulted in LED as the preferred method.</li> </ul>	<b>Type C</b> Includes issues of significance.	Formal consultation undertaken.
<b>Design Standards Section</b> DS-10 Natural Hazards & Earthworks	<ul style="list-style-type: none"> <li>- DS-10.2.2 New Safety in Design clause</li> <li>- DS-10.10.5 New Site Subsoil Classification clause</li> <li>- DS-10.10.6 New Liquefaction clause</li> <li>- DS-10.10.7 New Retaining Walls clause</li> <li>- DS-10.10.7 Addition of Temporary Drainage and Erosion Control considerations</li> <li>- DS-10.13 New Data Sharing clause.</li> <li>- Appendix C Added requirements of accredited Geo-Professional.</li> <li>- Appendix G New appendix for Geotechnical Considerations at the time of Building Consent.</li> <li>- Appendix H New appendix to summarised the assessment and reporting requirement at different stages of the land development process.</li> <li>- Appendix I New appendix to provide a Liquefaction Hazard Map.</li> </ul>	<ul style="list-style-type: none"> <li>- All new issues were advised to Council by Subject Matter Experts as issues that the IDC does not currently make comment on.</li> <li>- Appendix C includes non-technical responsibilities.</li> <li>- Appendix G is an informative guideline to help with design considerations.</li> <li>- Appendix H provides guidance regarding what to do, when.</li> </ul>	<b>Type C</b> Includes issues of significance.	Formal consultation undertaken NOTE: There are some issues still outstanding. These have been tagged in the documentation. Practitioners are advised to contact Council for more details.
<b>Construction Standards Section</b> CS-1 General	<ul style="list-style-type: none"> <li>- CS-1.4 Amended generic advisory clause for Health &amp; Safety</li> </ul>	<ul style="list-style-type: none"> <li>- Important issue that needs a clause for construction considerations.</li> <li>- Update Act references.</li> </ul>	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC
<b>Construction Standards Section</b> CS-1 General (new)	<ul style="list-style-type: none"> <li>- CS-1.7 Added generic advisory clause for Culture &amp; Heritage</li> </ul>	<ul style="list-style-type: none"> <li>- There is no mention of this within the IDC.</li> <li>- It is a very important component of land development.</li> <li>- Provide links to City Plan &amp; Heritage NZ Act.</li> </ul>	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC
<b>Construction Standards Section</b> CS-1 General (new)	<ul style="list-style-type: none"> <li>- CS-1.9 Added generic advisory clause for Pollution</li> </ul>	<ul style="list-style-type: none"> <li>- Important issue that needs a clause for construction considerations</li> <li>- Update Act and TCC Bylaw references.</li> </ul>	<b>Type A</b> The clauses are generic and advisory.	Summary email to IDC Register prior to adoption of IDC



## Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1

Discipline	Summary of Changes	Reason	Change Mechanism / Reason	Consultation Type
<b>Construction Standards Section</b>  CS-17 Concrete Work	- CS-17.1 Add sentence to regarding width & depth tolerances.	- To ensure width & depth tolerances are achieved.	<b>Type A</b> Clarifications rather than significant changes	Summary email to IDC Register prior to adoption of IDC
<b>Approved Materials Section</b>  AM-1 General Provisions	- AM-1.1 Updated general introduction. - AM-1.3.1 Added sentence regarding Council confidence and expertise with a product, ease of maintenance and performance of a product. - AM-1.9 Confirmation of formal investigation.	- Clarity.	<b>Type A</b> Clarifications rather than significant changes	Summary email to IDC Register prior to adoption of IDC
<b>Approved Materials Section</b>  AM Lists	- AM-2 Format changed. - AM-3 Format changed. - AM-4 Format changed. - AM-5 Format changed. - AM-6 Format changed. - AM-7 Format changed. - AM-9 Format changed.	- Clarity. - Preparation for future advancements.	<b>Type A</b> IDC delivery method	Summary email to IDC Register prior to adoption of IDC
<b>Approved Materials Section</b>  AM-8 Public Lighting (new)	- List removed. - Alignment with other standards.	- Technological and industry advances have resulted in LED as the preferred method. - Auckland Transport and NZTA have advanced information in the area that Council is aligning to.	<b>Type C</b> Includes issues of significance.	Formal consultation undertaken.
<b>Inspection &amp; Testing Section</b>  IT-5 Stormwater	- IT-5.1.1 Replace wordage with a simple table.	- Clarity.	<b>Type A</b> Clarifications rather than significant changes	Summary email to IDC Register prior to adoption of IDC
<b>Inspection &amp; Testing Section</b>  IT-5 Wastewater	- IT-6.1.1 Replace wordage with a simple table.	- Clarity.	<b>Type A</b> Clarifications rather than significant changes	Summary email to IDC Register prior to adoption of IDC
<b>Quality Assurance</b>  QA-1 Resource Consent Application Requirements (New)	- Removed existing QA-1 - Renamed as Resource Consent Application Requirements and merged with existing QA-2	- Existing QA-1 is a summary that is covered elsewhere in the IDC.	<b>Type A</b> Clarifications of requirements that already exist	Summary email to IDC Register prior to adoption of IDC

## **Appendix 1. Summary of Amendments – Infrastructure Development Code Project 1**

<b>Discipline</b>	<b>Summary of Changes</b>	<b>Reason</b>	<b>Change Mechanism / Reason</b>	<b>Consultation Type</b>
<b>Quality Assurance</b> QA-2 Works Undertaken by Council (New)	- New QA-02 Works Undertaken by Council	- New section to summarise how Council works will align with the IDC. - This allows for future improvements defined from IDC Review Project 4 Internal Compliance to be placed.	<b>Type A</b> Delivery Method Alignment with other IDC sections	Summary email to IDC Register prior to adoption of IDC
<b>Quality Assurance</b> QA-3 Development Works Approval	- Simplify to match with proposed Development Works Approval Report template	- Simplify the requirements to clarify the information and processing outcomes.	<b>Type A</b> Delivery Method Alignment with other IDC sections	Informal consultation with Consultants.
<b>Quality Assurance</b> QA-4 Survey Plan (s223) Approval (New)	- New QA-4 Survey Plan (s223) Approval	- Simple guidance about this part of the process. - Informative section	<b>Type A</b> Delivery Method Alignment with other QA sections	Summary email to IDC Register prior to adoption of IDC
<b>Quality Assurance</b> QA-5 Final Sign Off (s224c) Application Requirements	- Removed existing QA-5 - Merged with and replaces existing QA-4 Quality Assurance Record (Completion) - Renamed as QA-5 Final Sign Off (s224c) Application - Simplify to match with new DS-10 (Geotechnical), QA-1, QA-2 & QA-3 requirements.	- Simplify the requirements to clarify the information and processing outcomes.	<b>Type A</b> Delivery Method Alignment with other IDC sections	Summary email to IDC Register prior to adoption of IDC
<b>Quality Assurance</b> QA-6 As-Built Information	- Merged existing QA-5 As-Built Information & QA-6 As-Built Deliverables	- 2 As-Built Sections is not required. - Sets up the template for future changes on this topic.	<b>Type A</b> Merge of existing information	Summary email to IDC Register prior to adoption of IDC
<b>Quality Assurance</b> QA-7 Bonds & Maintenance Fee (New)	- New QA-7 Bonds & Maintenance Fee	- Clarification of Bond requirements and introduction of pre-agreed Maintenance Fee option.	<b>Type A</b> Introduces option previously agreed between Developers & Council.	Summary email to IDC Register prior to adoption of IDC

## Appendix 1. Summary of Changes

### **Table of Pending Drawing Changes;**

Drawings planned for IDC insertion during the first 2 weeks of July.

Drawing Number	Description	Drawing Number		Drawing Number	
GEN001 (new)	- Design: Pipe Diameter Notation	T535 (renumbered)	- Removed material type	T615	- Existing T613 renumbered to T615
T216	- Added lockable cover detail	T543 (renumbered)	- Added connection detail for large scale pipe	T643	- Remove dimensions, confirm fittings
T240 (new)	- Rubbish Bins: Centennial Type	T560 (new)	- Design: Freeboard: NZ Building Code E1	T714	- Renamed
T241 (new)	- Rubbish Bins: St Louis Type	T561 (new)	- Design: Freeboard: Slab on Grade	T715	- Renamed
T242 (new)	- Rubbish Bins: Vogue Type	T562 (new)	- Design: Freeboard: IDC Timber Floor	T716a (new)	- Key Operational Fittings: Hydrant Assembly: PVC Main, Flanged
T243 (new)	- Rubbish Bins: Tilt Type	T563 (new)	- Design: Freeboard: Harbour Inundation: Raised Platform	T716b (new)	- Key Operational Fittings: Hydrant Assembly: PE Main, Mechanical Flange
T244 (new)	- Rubbish Bins: Edgewater Type	T564 (new)	- Design: Freeboard: Harbour Inundation: Bund Protection	T716c (new)	- Key Operational Fittings: Hydrant Assembly: PE Main, Butt Welded
T245 (new)	- Rubbish Bins: Scud Type	T601 (new)	- Structure - Manhole – Sizing - Existing T601 renumbered to T603	T716d (new)	- Key Operational Fittings: Hydrant Assembly: PE Main, Flanged Electrofusion
T316	- Added lockable cover detail	T602 (new)	- Structure: Manhole: Components - Existing T602 renumbered to T604	T717	- Renamed
T427 (new)	- Concrete Work: Double Sump	T603	- Existing T601 renumbered to T603	T718	- Renamed
T430 (new)	- Vehicle Entrance: Vehicle Crossing: Location - Existing T430 renumbered to T460	T604	- Existing T602 renumbered to T604	T719	- Renamed
T460 (renumbered)	- Renumbered from existing T430	T605	- Existing T603 renumbered to T605	T720	- Renamed
T501 (new)	- Structure: Manhole: Sizing - Existing T501 renumbered to T503	T606	- Existing T604 renumbered to T606	T721a (new)	- Key Operational Fittings: Valve Assembly: PVC Main, Flanged
T502 (new)	- Structure: Manhole: Components - Existing T502 renumbered to T504	T607	- Existing T605 renumbered to T607	T721b (new)	- Key Operational Fittings: Valve Assembly: PE Main, Mechanical Flange
T503 (renumbered)	- Existing T501 renumbered to T503	T608	- Existing T606 renumbered to T608	T721c (new)	- Key Operational Fittings: Valve Assembly: PE Main, Butt Welded
T504 (renumbered)	- Existing T502 renumbered to T504	T609	- Existing T607 renumbered to T609	T721d (new)	- Key Operational Fittings: Valve Assembly: PE Main, Flanged Electrofusion
T505 (renumbered)	- Existing T503 renumbered to T505	T610	- Existing T608 renumbered to T610	T722	- Renamed
T506 (renumbered)	- Existing T504 renumbered to T506	T611	- Existing T609 renumbered to T611	T723	- Renamed
T507 (renumbered)	- Existing T505 renumbered to T507	T612	- Existing T610 renumbered to T612	T724	- Renamed
T508 (renumbered)	- Existing T506 renumbered to T508	T613	- Existing T611 renumbered to T613	T740	- Removed 2 direction feed option
T509 (renumbered)	- Existing T507 renumbered to T509	T614	- Existing T612 renumbered to T614	T801	- Added schematic information to describe components

## **Appendix 1. Summary of Changes**

Drawing Number	Description	Drawing Number		Drawing Number	
T803 (new)	- Streetlight: Typical Frangible Base Assembly (Exploded View)	T1002	- Geo-Professional Slope Diagram: Category 2		
T1001 (new)	- Geo-Professional Slope Diagram: Category 1	T1003	- Geo-Professional Slope Diagram: Category 3		

### **Informal Consultation generally involved one or more of the following (on applicable subject matter):**

- Subject Matter Experts as identified.
- The Developers Working Party or Individual Developers.
- Consultant Engineers
- Materials & Product Specialists
- Individual Contractor Reps.
- Other Councils e.g. WBoPDC, Auckland Council, Christchurch CC
- TCC Planners (Strategic and Environmental).
- TCC Development Engineers (Development and Building)
- TCC Asset Managers.
- TCC Project Engineers.
- TCC Compliance Officers (Development and Environmental)

## **SmartGrowth Forum Position Papers – WBOPDC Response**

**16 June 2017**

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The following information sets out the process WBOPDC used to consider the SmartGrowth Forum and DHB Position Papers, and the key actions WBOPDC intends to take in response to the position papers.

### Process

1. High level review and identification of key themes:

From August to November last year, the Forum and DHB position papers were reviewed and 10 high level themes were identified.

2. Council internal review of the key themes.

The key themes and proposed projects or approaches were put into spreadsheets. For each theme, each Council went through and identified what they currently do, some highlights of work done in that area, what more could be considered, and who else needs to be involved.

3. Consolidation of spreadsheets

The spreadsheets were then consolidated to give an overview of each key theme, and to set out what each Council is doing and where each Council considers more work could be done.

4. Workshops with elected members

It was then time to workshop the responses with elected members and seek their endorsement of how to progress the ideas raised.

We divided the SmartGrowth Forum Position Papers into 5 Key Themes. We know there were more themes than that and some really key points raised by the Forums, but we felt the five overall themes enabled a more comprehensive response.

The five key themes were:

1. Community involvement in urban landuse planning
2. Place –Shaping
3. Housing
4. Environmental Sustainability
5. Tangata Whenua aspirations

### Workshop 1

Workshop 1 was held on 6<sup>th</sup> April 2017. Three forums had representatives at this workshop: Mary Dillon for the Environment and Sustainability Forum, Beth Bowden for the Social Sector Forum, and Christine Ralph for the Housing Affordability Forum.

The workshop focussed on community involvement, as this is fundamental to how Council approaches the way it does urban landuse planning.

As a summary, we presented that the 'traditional' way Councils worked with the community was "to consult". This means, "Council will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how your input influenced the decision."

The elected members agreed Council's approach is to 'actively involve' the community, in long term planning and urban landuse planning processes. This means, "Council will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed, and provide feedback on how your input influenced with decision." So, communities are involved early on in planning processes and have an input into the alternatives developed.

## Workshop 2

Workshop 2 was held on 15 June. Four key themes were presented:

1. Place-Shaping.
2. Housing.
3. Environmental Sustainability.
4. Tangata whenua aspirations.

Staff presented some recommended actions for elected members to consider.

Elected members approved all the actions outlined below being explored further. Staff haven't prepared a detailed work programme for how this will occur yet. Some actions may need to wait until the next financial year for staff to have the capacity to progress them (as work programmes have already been set for this year). It's also important to note that staff will take a comprehensive view of the actions, and where they can be implemented through one process (such as a structure plan) that's the approach that will be taken.

The key actions are:

Place-Shaping:

1. Review the Built Environment Strategy and its implementation.

The Built Environment Strategy guides how Council manages growth to protect the quality of our urban and rural environments, and guides how Council delivers "live, work, play" communities. This is then implemented through both statutory (District Plan) and non-statutory processes.

2. Explore different approaches to master planning so that it is community and resident-led, and lead to the development of policies for place-making. Council intends to explore this initially through taking a comprehensive approach to development at Omokoroa (including for structure planning for Omokoroa Stage 2).

Housing:

1. Work with partners to develop a housing action plan for the sub-region. Council is partner, not owner of the actions. The following are actions that can be considered:
  - a) Prepare a paper for Council on options for inclusionary zoning and how that could be implemented through the District Plan.
  - b) Consider whether the District Plan could be more flexible in providing for limited lifestyle subdivision and/or secondary dwellings in rural areas, to enable families to 'share' a property.
  - c) Doing more to support the pilot project at Omokoroa, including providing free advice.
  - d) Consider future options for provision of pensioner housing
2. Continue work with A Healthy Whare Project and Project Wai Ora, including allocating funding to both projects.
3. Continue involvement and support for Our Community Project.
4. Increase funding support to JAG to support preparedness to deliver papakainga housing.
5. Review the infrastructure development code to ensure universal design of neighbourhoods (this work will need to follow on from the review of the Built Environment Strategy).
6. Support universal design of neighbourhoods to enable ageing in place (this work will be explored through the review of the built environment strategy).

#### Environmental Sustainability

1. Explore innovative solutions and alternative technology for wastewater & stormwater collection, treatment and disposal (through asset management plans and the infrastructure development code).
2. Consider undertaking ecosystem services evaluations to assist in guiding land use decisions.
3. Explore with the regional council, development of a region-wide strategy for the conservation, protection and enhancement of indigenous biodiversity and natural eco-systems.
4. Consider carbon reduction and waste minimisation actions for Council as a business, through the Corporate Plan and other methods.
5. Progress aspirational targets for resource use, resource recovery and waste minimisation through the review of the Waste Management and Minimisation Plan and Solid Waste Strategy.

#### Tangata Whenua Aspirations

1. As part of the review of the Built Environment Strategy, include cultural urban design principles.
2. Work with iwi / hapu to prioritise and implement actions from Te Ara Mua, including:
  - a. Actions to protect and preserve Maori cultural heritage (particularly through the District Plan).
  - b. Investigating use of public space for mahinga kai and wahi rongoa purposes.

3. Jointly fund essential infrastructure and services through Project Wai Ora, on and to Maori land, to enable development.

In addition to the above actions, staff will use the checklist prepared by the SmartGrowth team as a project initiation tool. The checklist will allow consideration of the key outcomes or actions presented through the position papers. Staff can then decide how these can be considered within the project, and build this into the project plan.



**Key information: Extracted from the Joint Forum Hui Presentation SG SPR-NPS presented by Ken Tremaine and Campbell Larking at Club Mount 28 June 2017**

### Engagement

Engagement looks like (Forums example)

- Forums overview of project and key matters to be covered.
- Three design workshops with Forum Chairs with master planners before the end of the year.
- Open Day attendance.
- We work with landowners, DHB, MOE, NZTA and Infrastructure providers.
- Iwi/hapu engaged with separately and as working groups, including for Te Tumu through the Te Maru o Kaituna River Authority.

## Engagement

	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SMART GROWTH FORA	Purpose: Overview of Structure Planning Approach and Key Matters to be Covered through Structure Planning		Design workshop For a Chairs  Purpose: Project Update and design workshop on Structure Plan	Workshop  Purpose: Present preliminary Structure Plan Options		Workshop  Purpose: Engagement Feedback, and inputs into Structure Plan	Presentation  Purpose: Structure Plan presented

### Next Steps

- Ongoing implementation of the SPR as agreed by the Joint Committee in August 2016.
- Identification of additional areas required to meet NPS-UDC 30 year capacity requirements.
- Extent of this will depend on effectively anchoring the compact city component including higher densities in greenfield areas.
- Compact City is a paradigm shift but depends on infrastructure funding especially for redevelopment areas.
- Is also dependent on existing amenity protection and limitations such as flooding.
- NPS-UDC Capacity Assessment required by end of 2017.
- Will be further refined with the Forums during 2018.
- Mandatory targets to be inserted in the RPS and DPs by the end of 2018.
- Will need accompanying objectives and policies for them to make sense.
- Future Development Strategy required by the end of 2018 – will be inserted into the existing SmartGrowth Strategy.

## SmartGrowth Monitoring and Reporting Programme

### Indicators for Sustain and Improve the Environment

June 2017

#### Background:

The SmartGrowth Chapter for Sustain & Build the Environment identifies 7 key issues:

- A. The need to promote sustainable energy and resource use
- B. The need to protect, restore and maintain and unique amenity of the Western Bay of plenty
- C. The need to protect and enhance Tauranga Moana (Tauranga Harbour)
- D. Managing competing uses for water
- E. The need to protect and enhance biodiversity
- F. Adapting to the impacts of climate change
- G. The need to build environmental capacity in the community
- H. The need to monitor the state of the sub-region's environment.

It is proposed the indicators link to the 7 key issues, excluding those issues that require more comprehensive monitoring and would be better informed as part of the Bay of Plenty Regional Council's state of the environment monitoring.

#### Proposed Indicators

Outcomes	Indicators	Measures
Sustainable energy and resource use	<ul style="list-style-type: none"> <li>- Waste minimisation</li> <li>- Energy efficiency and energy generation</li> <li>- Water conservation and reduction of potable water use</li> <li>- Active transport (note these indicators should be aligned to the monitoring indicators in the Regional Land Transport Plan).</li> </ul>	<ul style="list-style-type: none"> <li>- Non-recyclable rubbish generated by households (measured as part of Councils' Waste Minimisation and Management Strategy)</li> <li>- Percentage of recyclables and green organics recycled in tonnes per local government area.</li> <li>- Consumption of electricity per household (megawatts per hour)</li> <li>- Consumption of electricity per business (megawatts per hour)</li> <li>- Consents for PV and SHW (residential and commercial)</li> <li>- Reduction in potable water use per household (from water metering monitoring)</li> <li>- Consents for rain water collection and grey water use (residential and commercial)</li> <li>- %age of population that regularly cycles</li> <li>- %age of population that regularly walks</li> <li>- Proportion of local government (urban) area within 400m of a bus-stop</li> <li>- Travel mode to work</li> </ul>
Protect and restore the natural environment	Should be part of BOPRC State of the Environment monitoring and reporting, as collectively the Anticipated Environmental Results of the Regional	<ul style="list-style-type: none"> <li>- BOPRC to provide – should include data from NERMN monitoring, pest management monitoring, increase in significant natural areas that are under active management.</li> </ul>

	<p>Policy Statement should deliver this outcome. For example, objective 20 of the RPS is The protection of significant indigenous habitats and ecosystems, having particular regard to their maintenance, restoration, rehabilitation and intrinsic values. There are a suite of monitoring indicators attached to this objective that are set out in the RPS. The indicators are:</p> <ul style="list-style-type: none"> <li>- An increase in the area of indigenous ecosystems and habitats that are legally protected and under active pest management.</li> <li>- There is an observed increase in significant natural communities and habitats of indigenous flora, fauna and ecosystems in the region.</li> <li>- Identified category one significant natural areas on private land are under active management (for the purpose of their maintenances, restoration and rehabilitation).</li> <li>- Positive regional trend using the MCI (Macro invertebrate Community Index) NERMN freshwater ecology module</li> </ul> <p>Increased number of rivers and streams score 'good' or 'excellent' ecological aspects in the environmental quality index for rivers</p>	
Protect and Enhance Tauranga Moana	As above, this should be in BOPRC State of the Environment Reporting: Improved water quality Harbour	Monitored by NERMN.
Manage competing uses for water	This is an economic outcome more than an environmental one.	
Protect and enhance biodiversity	As above – part of BOPRC SoE reporting. Use the indicators from the Regional Policy Statement.	
Adapt to Climate Change	<p>This is a 'macro level' issue, however there are some sub-regional indicators that could add value:</p> <ul style="list-style-type: none"> <li>- Reducing food waste</li> <li>- Planting that increases biodiversity and acts as a carbon sink</li> </ul> <p>Reference to LGNZ Climate Change declaration</p> <ul style="list-style-type: none"> <li>- transport modes</li> <li>- resource efficiency of homes and business's</li> <li>- support use of EVs and renewable energy</li> <li>- work with community to better understand and prepare for CC</li> </ul>	<ul style="list-style-type: none"> <li>- Amount of food waste going to landfill per capita.</li> <li>- Number of trees planted</li> <li>- Amount of land in native vegetation</li> <li>- Number of people using active &amp; public transport modes</li> <li>- Community surveys about climate change (understanding/actions)</li> </ul>

	- work with Govt to deliver on national emissions targets	
Build environmental capacity in the community	<ul style="list-style-type: none"> <li>- Organisations taking part in environmental projects</li> <li>- Networks formed</li> <li>- Groups engaged</li> </ul>	<ul style="list-style-type: none"> <li>- Number of organisations that belong to Envirohub's regional network</li> <li>- Number of businesses that belong to the Sustainable Business Network.</li> <li>- Number of urban green space groups.</li> </ul>

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