Scottish Government
Riaghaltas na h-Alba

ANNEX A

From:[Redacted]
Sent: Wednesday, February 1, 2017 10:06 AM
To:[Redacted] >
Cc: [Redacted]
Subject: RE: MFPS - SG - FPS Programme Management - Query re PoC and Issues and update re MFPS

[Redacted]

Just to let you know that neither myself or [Redacted] work on Fridays, but between us we should be able to cover the rest of the dates on offer.

Many thanks,

[Redacted]

Flood Risk Planning Manager (South East)
SEPA (Edinburgh office)

From: [redacted]
Sent: 31 January 2017 18:27
To: [redacted]
Cc: [redacted]
Subject: RE: MFPS - SG - FPS Programme Management - Query re PoC and Issues and update re MFPS

Hi [Redacted],

We're delighted that you and [redacted] can meet with us. I think it will be really useful also having a representative from SEPA. Closer to the time I can draft an agenda to structure the discussion.

I note that the Selkirk FPS Official Opening is Monday 27-02-2017 there need to propose not 23 or 24 or 27

Availability this end is as follows:

Tu. 28 – pm only
W.01 – anytime
Th. 02 – anytime
F. 03 – anytime
M. 06 – anytime
Tu. 07 – anytime

We assume the meeting should be at Victoria Quay, however it can also be at ELC HQ in Haddington.

If one of those times is suitable for you then please just issue a MS Outlook invite to myself and [Redacted].

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme

Scottish Government
Riaghaltas na h-Alba

Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: 27 January 2017 13:57
To: [Redacted]
Cc: [Redacted]
Subject: RE: MFPS - SG - FPS Programme Management - Query re PoC and Issues and update re MFPS

[Redacted]

We will certainly make a member of the team available.

[Redacted]

-----Original Message-----
From: [Redacted]
Sent: Friday, January 27, 2017 11:48 AM GMT Standard Time
To: [Redacted]
Cc: [Redacted]
Subject: RE: MFPS - SG - FPS Programme Management - Query re PoC and Issues and update re MFPS

Dear [redacted]

Many thanks for your note.

[redacted] and I are happy to meet up with you to discuss the points set out in your below notes in a meeting. I think it would be helpful if a colleague from SEPA would attend also, if at all possible.

In terms of timing: can I suggest we try to find a date after February half term? Could you perhaps make a start by giving us your availability starting from 23 February?

regards
[Redacted]

[redacted] | Managing Flood Risk Team | Scottish Government | Victoria Quay (Area 1D North) | Edinburgh EH6 6QQ | Scotland | UK |

From: [Redacted]
Sent: 26 January 2017 17:38

Scottish Government
Riaghaltas na h-Alba

To: [Redacted]
Cc: [redacted]
Subject: MFPS - SG - FPS Programme Management - Query re PoC and Issues and update re MFPS

Hi [Redacted]

This email is further to our telephone call of 18-01-2017. It is also to formally establish email contact with you.

As discussed, I would be obliged if we could arrange an opportunity to meet up so that I can explore the questions raised within the email chain below, and also such that I may furnish you with an update on the advancement of the Musselburgh Flood Protection Scheme. I would expect that the attendance from this side would be myself and [Redacted].

You requested I send you this email, and re-send the emails from November: I have checked and all emails are contained in the chain below.

Regards,

[redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure |Partnerships & CommunityServices
John Muir House | Haddington | East Lothian | EH41 3HA

From:[Redacted]
Sent: 04 December 2016 20:22
To: [Redacted] >
Cc: [Redacted]
Subject: RE: MFPS - FPS Programme Management - Query re PoC and Issues

Hi [redacted]

Thanks for this and apologies for my slow reply.

I just wanted to add that there is an NFM study identified in the first cycle for Musselburgh in the Strategies – spanning PVAs 10/21 and 10/22. I believe it is predominantly coastal in its starting remit, but does have a stated linkage to the FPS, and worth identifying what is currently planned for development / delivery in that respect. ELC/[Redacted]will be able to furnish you with more of the specific detail.

As you refer to, there are plenty of challenges to come around NFM action development and hybrid solutions.

I will be working through these with [Redacted] into 2017.

If you do come up against inconsistencies or misalignments, please do keep raising them – it is very much appreciated, and understanding the situations that are occurring is very helpful in getting them addressed.

Cheers

Scottish Government
Riaghaltas na h-Alba

[Redacted]

Scottish Environment Protection Agency | Edinburgh Office| Heriot Watt Research Park Avenue North | Riccarton | Edinburgh EH14 4AP

From: [Redacted]
Sent: 30 November 2016 12:42
To: [redacted]
Cc: [Redacted]
Subject: RE: MFPS - FPS Programme Management - Query re PoC and Issues

Thanks [redacted],

I had heard you'd started in Musselburgh. Good to hear from you – and best of luck with this new project.

i) [Redacted] will no doubt confirm details, but [redacted] has been replaced by [Redacted], copied here. Please also keep [Redacted] in SEPA up to date with progress, although she is also in direct contact with ELC. A good understanding of survey dates, potential licence applications etc. would be really helpful.
ii) With regard to re-scoping for the inclusion of NFM, this is something you need to discuss direct with SG. There have been recent discussions at the Lead Local Authority Forum regarding pegging funding to tender acceptance stage, as well as consideration as to how to deal with project delays and re-profiling. There has been some confusion here, and you are best to hear the position direct from SG.

If you think SEPA can help at any stage, please don't hesitate to get in touch.

[redacted]

From: [redacted]
Sent: 30 November 2016 10:57
To: [Redacted]
Subject: MFPS - FPS Programme Management - Query re PoC and Issues
Importance: High

Dear all,

Firstly, good morning all from this new email address. I remain a Project Manager for [Redacted], however I am now seconded into East Lothian Council two days a week working as the Project Manager for the Musselburgh Flood Protection Scheme.

I have now been in this role since September and have set-up a Project Team and the internal processes necessary to advance this major project over the next ??? (five) years. The project remains in Stage 1 (Project Establishment) and the remaining key action within this stage, which is to procure a Design Consultant, is ongoing.

I have been systematically establishing lines of contact with all key stakeholders. For example, this includes: SNH, Historic Scotland, all relevant ELC Council Officers, and SEPA. To date I've focused on [Redacted] (Flood Warnings / gauge data etc.) and [Redacted] (Catchment Hydrology / ultimately achieving agreement of the hydrology input and associated hydraulic model etc.)

I've also obtained a briefing from [Redacted] at CH2M due to his role in the National Flood Risk Plans, and Kaya Consultancy as they produced the existing hydraulic model and OAP / BCR for the Scheme as proposed.

I feel I have now a comprehensive understanding of the project and the locality.

As this project derived its strategic authority to advance and be funded from the National then Local Flood Risk Management Plans, and as costs and time are reported up from ELC to SEPA / SG, I would like to understand further who (now) has responsibility at a national level for the 42 scheme programme. Historically I would have gone to [Redacted] for all matters relating to strategic direction. Obviously both are now gone and further it is now the FPS programme and not just FPS to the SG etc.

Further, and perhaps more specifically important. There was a robust / detailed discussion at the last SAIFF Task and Finish Group (NFM) meeting. This considered what is NFM within the FPS Programme and what is NFM and engineering within the NFM (FPS) Programme. For example, the MFPS on the programme does not include any NFM. We are however proposing to fully review the scope / options as the current model is not to a standard where it can be considered acceptable to design and approve a Scheme. It has not been reviewed / signed-off by SEPA and also (and more importantly) does not have accurate enough Topographic Survey data to ensure the flood maps are sufficiently accurate. Once we complete the revised model we propose to undertake a fully comprehensive Option Appraisal Process. Without this the Scheme will be exposed to 'Objections' or 'Appeals against Process' as defined by the FRM Act and as recently experienced by Aberdeen. As such, we would like to consider that possible NFM options are not yet fully excluded. [Redacted] was part of this recent discussion and it is my understand she fully appreciated the predicament with matter. There is a converse and more complicated predicament re. The NFM Programme – but this email is not the place to discuss.

So, apologies for the lengthy email, but I would (i) like to confirm who to report to re the strategic advancement of the Scheme; and (ii) discuss the predicament re scope within Schemes and the reality (as I understand it) that with an iterative design / consultation approach that the Scheme needs to evolve until it is approved. What implication dues this have on evolution of scope / cost / time though?

Perhaps a meeting WC19-12-2016?

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure |Partnerships & CommunityServices
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: Friday, February 24, 2017 4:44 PM
To [Redacted]
Cc: {Redacted]
Subject: Musselburgh Flood Protection Scheme- Agenda for Tuesday

Good evening all,

Kindly view the attached agenda for our meeting on Tuesday.

Regards,

Scottish Government
Riaghaltas na h-Alba

[Redacted]
Assistant Project Manager - Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment 1

From: [Redacted]
Sent: 25 July 2018 09:56
To: [Redacted]
Cc: [Redacted]
Subject: Musselburgh Flood Scheme - SG - Summary of meeting on 25-06-2018
Importance: High

Hi [Redacted]

[Redacted]

May I also thank you for allocating us time to meet with us and to allow us to both update you on Musselburgh FPS and the opportunity to discuss various technical and programme matters that ultimately allow us be in the best possible position to advance this Scheme.

Please find attached a copy of the various documents that were reviewed during the meeting, namely:

- A map of Musselburgh showing the town and the Proposed Scheme as visualised in 2016 with notes marked on by me of key areas of omission which are all currently under review as we now commence a full and comprehensive Option Appraisal Process;
- A high-level Schematic Programme and the associated high-level Contract Programme by Jacobs. As discussed these now both highlight the most probably programme for this major project and one which extends well beyond the original programme of delivered by 2021. This programme is based on structure and processes. Obviously we do not yet have a finalised hydraulic model or a Preferred Scheme. That said, we are confident that this programme can cater for any Preferred Scheme that is identified by the consultative processes that we will use to determine it. Finally, I note we consider the programme up until commencement of Scheme Approval to be very accurate, but must caveat that beyond this point there cannot be certainty due to the potential for objections through to a PLI depending on the public (we are doing everything we can to minimise this risk). For clarify: this programme shows construction completion in October 2024 and then 12 months of construction maintenance/defects period/project close-down thereafter (the original programme did not include the extra 12 months at all);
- A copy of the cover page from the study currently ongoing in Musselburgh (by AECOM) on sustainable travel. This is in partnership with SUSTRANS. It is probable that there will be a big overlap between their project and the Scheme. I was merely flagging this as it offers both challenges and opportunities. That said, it is too early to understand this in any detail yet;
- A copy of the communication chain (emails) between the Scheme and [Redacted] relating to climate change and the reviews that are ongoing – this was to facilitate conversation and the confirm our satisfaction with the assistance SEPA have been giving to us in understanding these matters.

During the meeting the following points were noted. I am recording these as they felt like key points, but I would like to highlight they are in no way considered a comprehensive record of what was a long and at times meandering open discussion:

- We highlighted that we have identified some UXO (unexploded ordinance) in the town. This was not anticipated and now that it is understood it is not considered a show-stopper. It is however a reminder that there are dangers from the past sitting under the ground in our urban and coastal environments;

- We confirmed that further to the meeting with SG and SEPA on 28-02-2017, that the Coastal NFM Study and the Musselburgh FPS (both defined actions within the LFRMP) had been fully brought together. We also allowed for the Scheme to try to advance all other LFRMP actions for Musselburgh as the Scheme is clearly the biggest show in town (e.g. 'Awareness Raising'; 'Self-Help'; 'Emergency Plans/Response' → Scheme now working with ELC Emergency Planning and Scottish Flood Forum etc.);
- We all agreed that the people of Musselburgh may not have a full understanding of their flood risk and that it may come as a shock to them. This is fully understood by the Scheme and we will develop a comprehensive communications plan to deal with this. As a first step a meeting is now arranged for late August with many organisations coming together to discuss overlap. This includes the Scheme's Project Team, Scottish Flood Forum, ELC Emergency Planning, local schools etc. [redacted] – do you wish to attend? Thereafter the first major engagement with the town will probably be in October when we piggy-back onto an event being organised by ELC Emergency Planning to put out a call for information to the town;
- We agreed the Scheme is ideally placed to capture the new figures that come out of the climate change assessments that are currently ongoing. That said, if these are delayed they present a major question to the Scheme: do we delay the programme and wait, or press on using the exiting data? To be reviewed continuously over the rest of the year.
- We highlighted that SEPA (AJ) had identified that we can request the UKIP18 Marine Projections from DEFRA. It was agreed that as the structure down south was different and as DEFRA might not appreciate the role of LA's in Scotland that this request would be better coming from SEPA. [Redacted]to consider with SEPA and potentially request said data for all Flood Protection Schemes to be distributed by SEPA/SG as appropriate. THIS IS CRITICAL TO ADVANCE JUST NOW (FOR US).
- Post-Note – We have since received full comments on our proposed Catchment Schematisation from [Redacted] (SEPA) – Thank you.
- Post-Note – We anticipate getting the Catchment Gauge Date from [Redacted] this week.
- We therefore anticipate being able to commence our hydrology → hydraulic modelling next week.
- We confirmed that the Scheme is programmed to have a Preferred Scheme selected by Easter 2019. A full report on the cost and cost profile will be provided at that point. Until then it is not sensible to change anything, but as these draft figures come through the system they will be brought to you for early sight etc.
- [Redacted] suggested that she did not consider an elongation of funding for this Scheme post-2022 to be a problem. She appreciated the provision of realistic data and highlighted that this assists SG and SEPA in planning.
- [Redacted] proposed to discuss the lack of clarity regarding funding with [Redacted] and then to (potentially) send a letter to clarification to all LA's. This point recognises that there is a flood programme which started as 5 years but was extended to 6 and that in parallel the SG committed to £42M/annum funding for 10 years. It also considers that not all Schemes can and/or will be delivered exactly within the FPS programme timescale therefore what commitment is there afterwards. If that commitment is not there, then should a Scheme (potentially) change its scope (by de-scoping) to obtain a revised programme to be able to deliver within the window?

[Redacted] also presented the following suggestions:

- That within the FRM there is significant weight given to objector. This is fully understood and is a balance to the significant power obtained a LA to deliver a Scheme once it is approved. That said, there is no formal means of collecting positive comment through the objections period. Is this fair and/or an omission. Should something be included within the legislation? As an example: Hawick has c16k people. 48 No. objected and many derived from one household and/or outside the town. All statutory stakeholders provided very positive endorsements of the Scheme and our assessment after going through a post-objections comprehensive period of engagement with the town is that the 'town' is overwhelmingly in support of the project and that the 48 do not represent the town. I am not suggesting that objections loose weighting and/or that a Scheme should not fully consider objections. With Hawick I feel the Scheme is better for the change that has resulted due to the objections (notwithstanding the additional project cost). I am simply suggesting something formal is missing for supporters. For

reference: I don't instinctively know how this could be resolved, but suggest it is worthy of consideration.

- That a high-level update to all LA's on the status of the FPS programme would be of use. This was not achieved at SNIFFER 2018. There was 42 No. Schemes. Are there still? Where are they at? Simple sight of where they are at allows LA's / project teams the ability to liaise with one another to discuss equivalent stages etc. Success by other projects should be communicated as it helps in dealing with negative thoughts (by public) elsewhere etc.
- That we have obtained new LiDAR Survey data from Fugro to a resolution of 50cm. This is essentially of the shelf and therefore relatively cheap. It is also extremely good quality. We spend c.£15k on data that has resulted in c.£60k in specific savings to our Topo Survey No. 1. We also have far wider accurate data that we would ever have obtained under a historic approach. [Redacted] to engage with Fugro and obtain into on what they have across Scotland such that SG/SEPA/SCOTS can identify the opportunity to other LA's and projects. Post-note – obtained and separate email to follow.

Please feel free to add or modify this summary.

I hope this is of use.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Musselburgh FPS | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment 2
Attachment 3
Attachment 4
Attachment 5

From: [Redacted]
Sent: 03 October 2018 15:45
Subject: Musselburgh Flood Scheme - Provision of Press Release issued today to update on Scheme and Surveys

Hi ALL,

Please see attached a copy of the press release that was issued today to provide update on the Scheme in general and the commencement of the GI Survey works in particular.

It is most lightly to have just missed the deadline for this week's printed Musselburgh Courier, but should track into the digital versions this week; and presumably make the Musselburgh Courier's print version next week. My expectation therefore it that it will probably make front page next week coupled with a photo of some works, presumably at the mouth of the Esk.

I would be obliged if you could, as appropriate, distribute this press release onwards to those in your organisations and/or other organisations in Musselburgh that would benefit from this information.

Regards,

Scottish Government
Riaghaltas na h-Alba

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting
Attachment 6

From: [redacted]
Sent: 21 February 2019 09:16
To: [Redacted] >
Cc: [Redacted]
Subject: Musselburgh Flood Protection Scheme - Public Consultation Event - Call for Information - Scottish Government

Dear all,

The Musselburgh Flood Protection Scheme has been advancing the early modelling stages and to ensure we have captured as much information from the town as possible, we are inviting the public of Musselburgh to our first public consultation – call for information, where we are asking people who have suffered any sort of flooding to come forth with pictures, information on water levels and their stories of the suffering they've endured.

In addition to that, we will be there to introduce the scheme to them, explain the process, answer queries and direct them to SEPA and the Scottish Flood Forum for resilience measures they can use, SEPA and SFF are setting up their own corners with us.

We would like to invite you to come along Tuesday 26th between 11am and 9pm at Venue 2, The Brunton, , Musselburgh and experience this first event. We understand that this might not be feasible, but we hope the tea, coffee, biscuits and chat will entice you to attend.

Expect an update from us on how the event went.

Finally, kindly see attached the poster with the event details, press release and the poster board which will be displayed by the river.

Kind regards,

[Redacted]
Assistant Project Manager to the Musselburgh Flood Protection Scheme

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment 7
Attachment 8
Attachment 9

Scottish Government
Riaghaltas na h-Alba

From: Musselburgh Flood Protection Scheme <musselburghfps@eastlothian.gov.uk>
Sent: 27 August 2019 10:00
Subject: Musselburgh Flood Scheme - Stakeholder Email No. 2 - Update on Scheme development after exhibition - Update

Dear ALL,

This email is being sent to you by the Project Team for the Musselburgh Flood Protection Scheme, further to you providing us with your email address and confirming that you would like to be added to our Scheme Email Stakeholder List. We have now developed a database to manage these email addresses and confirm that under our GDPR (data protection) obligations that we will protect your details and only use them for Scheme communications. If you do not wish to be on this list then please email by return to be removed from the list.

Musselburgh Flood Protection Scheme – Stakeholder Email No. 2

The Project Team continue to advance the development of a flood protection scheme for the town of Musselburgh. As Project Manager I am delighted to highlight that we consider our Public Exhibition No. 1 went really well. With over 500 people now consulted this year the Project Team are currently working through a vast amount of technical detail and the comments received from those stakeholder consultations to bring the Option Appraisal Process towards a conclusion. We remain on programme to achieve a Preferred Scheme and then commence the Outline Design of that Preferred Scheme in 2019. The following high-level summaries are broken into sections for simplicity, and are intended to provide you with a quick update on progress. Please come feel free to come back to the Project Team if you would like additional information.

Public Exhibition No. 1:

- Around 250 people attended the public exhibition held at the end of July 2019 in the Brunton;
- Around 100 completed questionnaires were returned to the Project Team – the analysis of which is ongoing;
- A summary report will be produced on the event and the consultation received – this will be made available to all in due course;
- It is worth noting that many requests were made for us to accelerate the creation of an online website for the Scheme – this has been considered and we are currently working to have a temporary online presence via some new pages within the Council's website by the end of September. Once complete we will place a copy of the Scheme's exhibition boards from February and July and other key documents online for your to view. We will send out a further Stakeholder Email to provide the link and highlight when this is complete; and
- Please find attached a copy of Board No. 1 and Board No. 23 for your reference, along with the media's coverage of the event in the Musselburgh Courier the week after the event.

The Optional Appraisal Process (OAP) → Preferred Scheme:

- The Option Appraisal Process continues in the background with the public consultation feeding into the review process;
- Key additional technical reports are also now becoming available and thus the process has commenced moving to determine the best combination of options (the Preferred Scheme);
- In particular: the catchment natural flood management report; the existing bridge structural reports; many additional new hydraulic model runs; the economic appraisal; the final factual report from the ground investigation survey; and the outcomes from the many OAP Working Group Meetings are all now available for review by the Project Team;

- The Project Team are also currently looking into the road drainage flooding issues that occurred across the town on the night of Saturday 10th August after intense rainfall;
- A query about whether the Preferred Scheme report will be presented to Cabinet or Council is currently being considered. A decision is not yet confirmed.

Ecology Surveys:

- The ecology surveys remain ongoing through the summer and into the autumn – it is highly likely that you will encounter a one of our project ecologists at some point if walking along the river corridor;
- In particular, we will undertake some electro-fishing surveys in the Esk over the coming period (this is standard survey method used to sample fish populations – it results in no permanent harm to the fish).

Project Website:

- The project intended to set-up a website for the Scheme during Project Stage 4 (Outline Design) which will commence after the Preferred Scheme is approved this November;
- Further to substantial comment received during the exhibition we have determined to accelerate to creation of that website; and
- We are now working to have a temporary web location active by the end of September and will get back to you with confirmation of its location once it is live.

Invasive Non-Native Species (INNS) Treatment:

- There are a number of INNS along the River Esk river corridor – in particular Giant Hogweed, Japanese Knotweed and Himalayan Balsam;
- Such plants are not only problematic for the local environment, but difficult and expensive to deal with when a construction project is required;
- The project has therefore developed a plan to intensively treat them in advance of the Scheme's delivery phase through a management programme;
- This work commenced this spring through the Council's Countryside Section, and will continue this autumn; and
- It is intended that a more intensive treatment programme will be in place for next year with a new specialist contractor being procured to work on behalf of the Scheme.

Stakeholder Emails:

- This email is Stakeholder Email No. 2;
- As the email list has grown substantially due to the recent Public Exhibition, I have left Stakeholder Email No. 1 further down this email for your reference in case you were not on the list when it was issued.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment 10
Attachment 11
Attachment 12

Scottish Government
Riaghaltas na h-Alba

From: [Redacted]
Sent: Wednesday, November 13, 2019 7:06 PM
To: [Redacted]
Subject: Musselburgh Flood Scheme - Update on Preferred Scheme and key Modelling Issues remaining

Dear ALL,

Apologies for this level of information in the emails below. I am sending due to the criticality of this for the Musselburgh Flood Protection Scheme. I believe that things are under control, however I would be obliged if you could review and revert to me if you are aware of anything that I should know, and/or if you spot a problem in my logic.

I would be much obliged.

P.S. I cannot yet show you the Preferred Scheme, however the attached GIS Map highlights the Design Flood event and the level of property that will be protected by it.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment – Publicly available [MFPS-Cabinet-Report-Determination-of-Preferred-Scheme-Rev-1.0-APPENDICES.pdf (musselburghfloodprotection.com)]

From: [Redacted]
Sent: 13 November 2019 18:58
To: [Redacted] >
Cc: [Redacted] >
Subject: Musselburgh Flood Scheme - Jacobs - Thoughts re Hydrology and Modelling leading to Model B

Dear ALL,

Further to my email below I note the following:

1. [Redacted] – please ensure all relevant staff at Jacobs have this email;
2. The attached report has just come to my attention. It is from April 2019. Have you seen this and/or have we considered it?
3. Further to Point No. 2 – is there anything else new from SEPA? This is further to UKCP18 presumably. Can we ensure we have all new advise flowing from that document and/or anything else relevant to the Scheme's Modelling?
4. I note the Model A does not go to the end of the Lagoons Seawall as was always intended and as we highlighted to you in comments early in 2019. Please ensure the Model B goes

past the seawall so we can verify no outflanking etc. I understand we have Fugro LiDAR to achieve this.

5. Do we need additional Topo towards the Magdalene Burn? See my email to Aird setting them up for additional work as per their previous contract to close out this gap. Let's have this in place before we need it next spring.
6. Ditto any additional property thresholds;
7. During previous discussions with the Council it was my understanding that they desired climate change to be extended to match the 100 year design life of the Scheme (i.e. until 2125) and not just to the 2100 of the UKCP18 projections. We talked about extrapolating onwards etc. I assume this increases the climate change increase from a coastal perspective, however given the Preferred Scheme approach of limiting structure due to social impact and mopping up and overtopping via drainage and pumping stations, I therefore assume this only impacts on the latter and not the new physical defences;
8. That said, and further to Point No. 2, I note the analysis on Page 15 of the report: that one should use the 95% as it aligns with the 50% mapped onwards to 2150. Presumably this approach takes the logic of Point No. 7 and makes it a little more onerous. We need to consider all of this and ensure we don't double count etc.
9. Further to Point No. 8 – my understanding that the essential point here is that the Scheme should if at all possible provide the level of protection desired of the planning system such that the land / property behind the defences can be considered not at flood risk from a planning perspective.

I assume we should have a full Hydrology / Modelling review meeting in advance of meeting SEPA to ensure we can maximise our chances of bringing all of this to a close in January 2020. It has long been recognised as a major risk to the Scheme, and I feel we are close to closing the action and thus risk down.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment - Publicly available climate-change-guidance.pdf (sepa.org.uk)

From: [Redacted]
Sent: 13 November 2019 18:42
To: [Redacted]
Cc: [Redacted]
Subject: Musselburgh Flood Scheme - SEPA - Request for Hydrology and Modelling Review Meeting

Dear ALL,

This email is further to a telephone call between myself and [Redacted] of earlier today.

It is my pleasure to announce that the Preferred Musselburgh Flood Protection Scheme has now been determined by Jacobs further to our comprehensive Option Appraisal Process which included an extensive consultation process. This will be presented to Council Cabinet for review and approval on 21st January 2020. We intend to commence the project's Stage 4 (Outline Design) further to Project Board approval on 24th January 2020.

All flood maps and OAP and design work to date has been based on what we have termed 'Model A'.

One of the first tasks of Stage 4 will be to run Model B. We cannot wait any longer and we cannot continue to review and revise the model. We have managed to conceive the Model A and B approach and thus mitigate the loss of time to the project. This is at a minor cost to date, but moving forward no such ability is available and we either pause the Scheme development of finalise the Hydrology and Hydraulic Modelling and then advance the Outline Design. I am comfortable that this is now possible.

Model B will contain the best available Gauge data, the agreed Hydrology and thus the finalise approach to Hydraulic Modelling (apologies if this is simplistic and / or slightly wrong – I am manager not a modeller!).

That said, there remain actions and challenges across the board to ensure that all of this happens. This email is primarily to focus all involved and to propose a Review Meeting during the first week back in January 2020 in SEPA's Perth Office (i.e. WC06-01-2020).

[Redacted] – can you take a lead in finalising the setting up of the meeting?

[Redacted] – I've copied you further to our telephone discussion of October – please come along or lets set-up a follow-on meeting that day in Perth.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: 14 November 2019 17:25
To: [Redacted]
Subject: RE: Musselburgh Flood Scheme - Update on Preferred Scheme and key Modelling Issues remaining

Hi [Redacted]

Thanks for forwarding on your thoughts. We provide the following in response.

The Scottish Government does not have a national position on a desired standard of protection for flood protection schemes. It is for local authorities to determine in consultation with local communities what standard of protection is most appropriate for local circumstances considering provision of an appropriate level of risk management alongside place making principles, value for money and the aspirations of the community affected.

As part of this process, we recommend that local authorities test the preferred scheme (regardless of its SOP) against a range of climate scenarios to understand how it may perform over its lifetime, and ideally produce an adaptive plan that can be refereed to over this lifetime to consider options for future change that may be required as the impacts of climate change become more certain, or indeed for other local change that may occur. This could include future modifications to the scheme, or other actions like flood resilience measures, measures to deal with overtopping etc. Your point 7 speaks to this type of approach for the Musselburgh scheme and is welcome.

It is also worth noting that the Scottish Government funds flood protection schemes to protect current properties at risk, not to enable future development. It is for the Planning Authority to determine the appropriateness of development taking account of SPP and its flood risk framework, and other material considerations. SEPA's advice including its land use planning guidance helps to inform this process. Planning policy may change and therefore we do not recommend that decisions about the SoP of a scheme are based on whether planning permission may or may not be granted in the future.

Best wishes
[Redacted]

From: [Redacted]>
Sent: 14 November 2019 17:26
To: [Redacted]
Subject: RE: Musselburgh Flood Scheme - Update on Preferred Scheme and key Modelling Issues remaining

Hi [Redacted]

It would also be helpful for us to understand what engagement is ongoing with City of Edinburgh Council on the westernmost fringe of the scheme to ensure that opportunities for appropriate tie in or indeed extension of the scheme if required may be realised.

Many thanks
[Redacted]

From: [Redacted]
Sent: Monday, November 18, 2019 11:07 AM
To: [Redacted]
Subject: Musselburgh Flood Scheme - SG - CEC Query about engagement - Initial Response

Hi [Redacted]

Many thanks for your emails. I will reply to both separately.

[Redacted]

We have now identified two existing Scottish Water owned reservoirs in the South Esk Catchment that we wish to manage better: we are ongoing in advancing the early stages of this discussion with Scottish Water.

These reservoirs and indeed the debris catchment infrastructure are both in Midlothian – we are therefore ongoing in advancing the early stages of these discussion with Midlothian Council (i.e. [Redacted] . We have highlighted that the use of the reservoirs will provide flood risk reduction along the South Esk and therefore to areas at flood risk in MLC areas (i.e. south Dalkeith), as well as having significant benefits in Musselburgh

We have only just realised that there is a flood risk at the Edinburgh end of Musselburgh (and that this water can flow back into Musselburgh). We need to tie the new coastal defences into high-ground or they can be outflanked. The preferred location is at the Magdalene / Brunstane Burn. This is all new.

We do not even have enough data at this location therefore as per my emails we are now playing catch-up at this specific, small, location. It is my judgement that the next stretch of coast between the Magdalene Burn and, say, Joppa, is naturally higher ground and that therefore there is no flood risk, but presumably this needs to be verified (but by who? I will discuss with CEC). This is however new, so again we are just opening up the conversation with CEC.

Finally, we have just arranged two site visits for 27th November. During the am we are visiting the Pentland flood attenuation reservoirs with CEC. During the pm we are doing the same on the White Cart Water with GCC. These are flood asset site visits, with a focus on lessons learned. I did this ten years ago at both locations for the Scottish Borders Council, however lots of time has passed so I assume there are new lessons now, along with ELC needing to take the journey from the beginning.

I proposed to [Redacted] earlier that I could call into Victoria Quay the week before Christmas to catch-up: (i) the Musselburgh FPS Preferred Scheme is intended to be approved by Council Cabinet on 21st January 2020; and [redacted]

P.S. I note that your email signature doesn't have a phone number – my mobile below is always the best way of locating me. It would be useful to have your direct dial for moving forward: if that's ok please let me know.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: Monday, August 2, 2021 5:17 PM
To: [Redacted]
Cc: [Redacted]
Subject: MFPS - SG Meeting - Provision of some background information

Dear ALL,

The Musselburgh Flood Protection Scheme (the Scheme) completed its Options Appraisal Process (OAP) in late 2019 further to a comprehensive consultation process with key stakeholders and the people of the town (and which included a 3 day Public Exhibition in late July 2019). The best combination of options (i.e. flood risk reduction interventions) was termed the Preferred Scheme and was approved by the East Lothian Council Cabinet in January 2020. See attached GIS Schematic for an overview of the principal elements of that Preferred Scheme which was estimated at £42M.

That Cabinet Meeting also approved the commencement of the Scheme's next stage (Stage 4 – Outline Design), which has been ongoing since February 2020. This Outline Design is of the Preferred Scheme, and is being undertaken through a consultative framework with key stakeholders and local groups. In due course it will be presented to the town via another formal Public Exhibition. However the form of the Scheme is not considered as fixed - as additional and more detailed survey, technical, modelling, environmental, stakeholder inputs etc. are received then the form is able to evolve – this is considered essential to ensure that we minimise the risk of 'Objection' to the Scheme during its approvals process and such that the best solution is derived through the design evolution journey – always within the context of the metrics for designing and funding flood schemes. At this point a number of significant changes have had to be made to the 'Preferred Scheme' however none of these are considered to compromise the legitimacy of previous stage or the OAP or the authority derived from Council and / or Cabinet in January 2020, for example:

1. It is now required to replace the Ivanhoe Footbridge – this is slightly counterintuitive, was identified by a sensitivity analysis of the finalised hydraulic model, results in reduced defence heights upstream of the bridge and no impact downstream, and should ultimately be essentially cost neutral.
2. The data from UKCP18 regarding climate change has now been fully incorporated into the Hydraulic Model. We are now using Model B to supersede the Model A used for the Preferred Scheme.
3. The approach to replacing the Electric Bridge has been hugely complex – there has been a change of ownership of this privately owned structure in the background, but we have now achieved a definition of 'like for like' which allows us to advance the Outline Design.
4. COVID-19 – removed our approach to design through a consultative framework – we have thus evolved a Strategic Communications Plan and enhanced our communication tools to compensate for the restrictions it placed on us.
5. We have determined that there is a way to fit a Flood Embankment at the top of the Scheme below Inveresk through the field – working in partnership with local land owners – the proposed flood wall is thus now a proposed flood embankment.
6. Etc.

In January 2020 Cabinet also asked us seek to weave in multiple-benefits (if possible) – see attached file and Recommendation 2.1(d). This was in recognition of the scale of the required infrastructural change that the Scheme would bring to the town, and within the context of (i) an energetic new non-statutory organisation named the Fisherrow Harbour & Seafront Association who wished to be heard and involved in the design; (ii) a complicated review of the town's Traffic Management Plan required under the LDP; (iii) a new project named Musselburgh Active Toun which sought to modify the towns active travel network and cycle routes in partnership with Sustrans and which was targeting many of the same locations and structures that required intervention through the Scheme; and (iv) the winding down of Scottish Powers assets in the town under the 'Musselburgh Agreement' from 1961 due to the closure of Cockenzie coal-fired power station.

The Scottish Government's Flooding Policy Team was consulted in relation to all of this, and also attended the Scheme's Public Exhibition at the Brunton Theatre. It is considered that any key decisions on the Scheme were run past said team before the Scheme's Project Board and thereafter the Council determined the correct approach for the Scheme.

Through early 2021 we identified the multiple-benefits that probably could be delivered – and in the last quarter the Council / Scheme has been working to define how to achieve them etc.

[Redacted]
[Redacted]
.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: 02 August 2021 16:13
To: [Redacted]
Subject: RE: Musselburgh FPS - SG Chat

Hi [Redacted]

I'm free now free between 10:45 and 13:00. Please drop in a meeting that suits you guys. I'll draft the summary now to follow on separately.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [redacted]>
Sent: 04 October 2021 12:43
To:[redacted]>
Cc: [Redacted] >
Subject: Musselburgh Flood Protection - Dynamic Coast - Thank you for meeting - Thoughts on new Pilot Area
Importance: High

Hi [redacted],

Firstly, may I just say a sincere thank you for our meeting on Tu. 21-09-2021, and the open discussion regarding Dynamic Coast, Musselburgh FPS and coastal erosion risk which took place. I feel we covered a lot of ground, and can confirm that from the perspective of the Musselburgh FPS we felt thoroughly empowered by the knowledge provided by you. It was also hugely satisfying to note that we have both aligned on the same data within UKCP18 relating to coastal flood risk change.

I provide for your record a copy of the 'Preferred Scheme' Overview Map. This is a schematic illustrating the key flood risk reduction measures that are assumed required to protect against the flood risk of the: *0.5% AEP Flood Event plus an allowance for climate change plus a strategy for future flexibility* – from both the River Esk and the Firth of Forth.

Since our meeting we have pondered the knowledge that Dynamic Coast has now assembled, and some of the key aspects which may relate to Musselburgh. Jacobs are continuing to consider this for us under their contract, however the Scheme's Project Board meet and discussed all of this last week. As such the following points are highlighted:

1. That in Musselburgh because of the Scheme – we have a detailed Hydraulic Map and significant work on interpretation of coastal flood risk including UKCP18 data for flood risk mapping (and not erosion). Within this we have assembled a detailed DTM, and knowledge of structures, and ground, between the Brunstane Burn (i.e. the CEC LA boundary) and the end of the Scottish Power Seawall near Preston Pans. If you would like any of our data please let me know and we can set-up contact between the appropriate people on our teams to share / transfer data etc.
2. Musselburgh appears to have been an area of coastal sediment accretion since the end of the last glaciation – our understanding is that the coast was some 1.4km to 1.7km back, and specifically at Lewisvale Park at that time based on geotechnical data. If your model is correct and this section of coast is to become an area of net loss (erosion) moving forward then this is new knowledge to us and hugely important;
3. Further to Point No. 2 – logic would dictate that any coastal defences – even if set-back should then consider the potential for becoming front line defences during the design life of the Scheme (100 years).

4. The Scheme has absorbed the general statement coming from the EA down south – plan for 1m and prepare for 3m's – relative to coastal flood risk. The UKCP18 data leads us to a sea level increase of c. 1m within the Scheme's design life. A strategy for future flexibility covers for the possibility of 3m etc.
5. The Scheme is already undertaking a Strategy to consider potential for Future Flexibility. This was thinking about sea level not erosion. Presumably within this we now need to think about erosion risk. How than would this best be advanced?
6. During our meeting we discussed the Dynamic Coast pilot projects – we even pondered whether a new pilot would be appropriate for Musselburgh. May I therefore propose that in our opinion this would be very appropriate. If this possible? If so then could this link to our Strategy and this both projects can advance together and derive multiple-benefits from one piece of work?

I look forward to hearing back from you on this matter.

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment - Publicly available MFPS-Cabinet-Report-Determination-of-Preferred-Scheme-Rev-1.0-APPENDICES.pdf (musselburghfloodprotection.com)

From: [redacted}
Sent: 05 October 2021 14:02
To: [Redacted]
Cc: [Redacted] >
Subject: Musselburgh Flood Scheme - Sustrans - Thank you for Strategic Opportunities Meeting
Importance: High

Hi [Redacted]

Many thanks for providing me with an opportunity to brief you on Thursday 23-09-2021 on the following matters:

1. The Active Travel opportunities / project multiple-benefits that the Musselburgh Flood Protection Scheme has identified in Musselburgh and environs;
2. Further to Point No. 1 – the real overlap between the Scheme's footprint and the footprint assumed by part of the Sustrans Category 4 Infrastructural Project for Musselburgh – the Musselburgh Active Toun project; and
3. [Redacted]

It is my understanding that further to the briefing by me, the next step is yours to take; and that you were to liaise within Sustrans (and potentially at Transport Scotland) about this before coming back to me with the thoughts of Sustrans. From our end, I would like to take this opportunity to repeat that ELC feel another meeting ASAP between our respective Senior Managements would be the next step – and I can confirm that [Redacted] (Executive Director for Place) and [Redacted] (Service Manager for Roads and Scheme Project Executive) would like to attend alongside me from the ELC side.

I have also generated the attached slides to highlight for your ease the key Active Travel opportunities that we feel exists at this moment in time. These opportunities are time limited as we understand that only the Scheme can create such a width of space in this constrained urban environments for new, modern, wide pathways; and the already fully funded Scheme is already committed to replacing footbridges the MAT is separately targeting for replacement. The Scheme is currently advancing through its Outline Design, and whilst firm agreements are not currently required from Sustrans – we assume as a minimum that the desire to work together and / or grasp these opportunities (over the coming 5 years) needs to be committed to or the Scheme will have to advance on its own.

During our meeting I presented some slides to assist you in visualising the areas / paths and thus opportunities that I was highlighting. I have refined these slides into the Presentation Slides attached. I hope these are of use both for you and / or others in Sustrans that are considering these opportunities.

P.S. – During the meeting you asked about the national Flood Protection Scheme programme, further to ATN opportunities having been grasped at Elgin FPS, Broughty Ferry FPS, Hawick FPS and now arising in Musselburgh FPS. The attached spreadsheet is mine. I believe the list of Schemes is accurate but thereafter the status is based on my knowledge – I am not responsible for this programme. I have however noted your request for this data (and reasons for) with [Redacted] who leads the Scottish Government's Flooding Policy Team. He agreed to me sharing my list and I understand he is looking to issue you with a more formal, up-to-date list. I have copied [redacted] to this email so you may liaise with one another on this matter.

I look forward to hearing back from you on these matters.

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: Monday, August 2, 2021 5:17 PM
To: [Redacted]
Cc: [Redacted]
Subject: MFPS - SG Meeting - Provision of some background information

Dear ALL,

The Musselburgh Flood Protection Scheme (the Scheme) completed its Options Appraisal Process (OAP) in late 2019 further to a comprehensive consultation process with key stakeholders and the people of the town (and which included a 3 day Public Exhibition in late July 2019). The best combination of options (i.e. flood risk reduction interventions) was termed the Preferred Scheme and was approved by the East Lothian Council Cabinet in January 2020. See attached GIS Schematic for an overview of the principal elements of that Preferred Scheme which was estimated at £42M.

That Cabinet Meeting also approved the commencement of the Scheme's next stage (Stage 4 – Outline Design), which has been ongoing since February 2020. This Outline Design is of the Preferred Scheme, and is being undertaken through a consultative framework with key stakeholders and local groups. In due course it will be presented to the town via another formal Public Exhibition. However the form of the Scheme is not considered as fixed - as additional and more detailed survey, technical, modelling, environmental, stakeholder inputs etc. are received then the form is able to

evolve – this is considered essential to ensure that we minimise the risk of 'Objection' to the Scheme during its approvals process and such that the best solution is derived through the design evolution journey – always within the context of the metrics for designing and funding flood schemes. At this point a number of significant changes have had to be made to the 'Preferred Scheme' however none of these are considered to compromise the legitimacy of previous stage or the OAP or the authority derived from Council and / or Cabinet in January 2020, for example:

7. It is now required to replace the Ivanhoe Footbridge – this is slightly counterintuitive, was identified by a sensitivity analysis of the finalised hydraulic model, results in reduced defence heights upstream of the bridge and no impact downstream, and should ultimately be essentially cost neutral.
8. The data from UKCP18 regarding climate change has now been fully incorporated into the Hydraulic Model. We are now using Model B to supersede the Model A used for the Preferred Scheme.
9. The approach to replacing the Electric Bridge has been hugely complex – there has been a change of ownership of this privately owned structure in the background, but we have now achieved a definition of 'like for like' which allows us to advance the Outline Design.
10. COVID-19 – removed our approach to design through a consultative framework – we have thus evolved a Strategic Communications Plan and enhanced our communication tools to compensate for the restrictions it placed on us.
11. We have determined that there is a way to fit a Flood Embankment at the top of the Scheme below Inveresk through the field – working in partnership with local land owners – the proposed flood wall is thus now a proposed flood embankment.
12. Etc.

In January 2020 Cabinet also asked us seek to weave in multiple-benefits (if possible) – see attached file and Recommendation 2.1(d). This was in recognition of the scale of the required infrastructural change that the Scheme would bring to the town, and within the context of (i) an energetic new non-statutory organisation named the Fisherrow Harbour & Seafront Association who wished to be heard and involved in the design; (ii) a complicated review of the town's Traffic Management Plan required under the LDP; (iii) a new project named Musselburgh Active Toun which sought to modify the towns active travel network and cycle routes in partnership with Sustrans and which was targeting many of the same locations and structures that required intervention through the Scheme; and (iv) the winding down of Scottish Powers assets in the town under the 'Musselburgh Agreement' from 1961 due to the closure of Cockenzie coal-fired power station.

The Scottish Government's Flooding Policy Team was consulted in relation to all of this, and also attended the Scheme's Public Exhibition at the Brunton Theatre. It is considered that any key decisions on the Scheme were run past said team before the Scheme's Project Board and thereafter the Council determined the correct approach for the Scheme.

Through early 2021 we identified the multiple-benefits that probably could be delivered – and in the last quarter the Council / Scheme has been working to define how to achieve them etc.

[Redacted]
[Redacted]
.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachments - Publicly available [MFPS-Cabinet-Report-Determination-of-Preferred-Scheme-Rev-1.0-APPENDICES.pdf (musselburghfloodprotection.com)]

Scottish Government
Riaghaltas na h-Alba

From: [Redacted]
Sent: 02 August 2021 16:13
To: [Redacted]
Subject: RE: Musselburgh FPS - SG Chat

Hi [Redacted]

I'm free now free between 10:45 and 13:00. Please drop in a meeting that suits you guys. I'll draft the summary now to follow on separately.

Regards,

[Redacted]
Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: Thursday, December 9, 2021 6:19 AM
To: [Redacted]
Subject: Musselburgh Flood Protection - SG Flooding Policy Team - Update on Scheme - Notice of Colin Beattie MSP queries

Hi [Redacted]

It has been a very busy autumn for the Scheme. We have undertaken a massive consultation exercise – which has resulted in queries and requests for further information. We are systematically dealing with all of this. Ultimately the consultation was to facilitate the true start of the outline design and we gathered the information / inputs we desires so we will not continue working to a public exhibition in the spring. Our new website is now live and more information is being prepared for upload through December. We have also held important meetings with Sustrans and Dynamic Coast. Finally, as I'm sure you know – we have provided our submissions to COSLA for the 'Pause and Review' process.

By way of a specific update on Musselburgh – the attached letter took some time to prepare but is a good summary of the Scheme's progress. It was issued to Colin Beattie MSP yesterday. I provide FYI.

Finally, he has also (this week) raised a question about SG Funding of Schemes. My assessment is that I can properly answer the question, but it may be that you wish to take control of it. I will provide Colin with a holding reply just now and copy you to it. If you wish to intervene then can you do so, otherwise I will draft the reply and copy you to it etc.

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Scottish Government
Riaghaltas na h-Alba

01620 828766 ☎| Mob: 07525 742361 | Internal 8766 | cprice@eastlothian.gov.uk

From: [Redacted]
Sent: 08 December 2021 15:10
To: 'Colin Beattie MSP' <colin.beattie.msp@parliament.scot>
Cc: [Redacted] >
Subject: Musselburgh Flood Protection - Colin Beattie MSP - Case Ref: CB5607 - Constituents Concerns - Formal Response attached

Dear Colin,

Please find attached a letter of response to your October letter of query re natural solutions. I have also provided a copy of the Schematic Overview of the Preferred Scheme from January 2020 which is referred to my out letter, for your ease of reference.

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment 13

From: [Redacted]
Sent: 16 August 2022 17:06
To: [Redacted] >
Cc: [Redacted]
Subject: Musselburgh Flood Scheme - SG FRM Policy Team - Proposed meeting date

Hi [Redacted],

May I propose next Monday – we could do between 09:00 and 12:00 or between 15:00 and 17:00.

I have copied [Redacted] who is ELC Project Executive and leads the Project Board. [Redacted] will deliver the report to Council next week, and given [Redacted] and has not yet been replaced – it is appropriate for him to come along.

Also, [Redacted] – who is design lead from Jacobs.

IF these times suit you, then please issue the invite from your side – presumably MS Teams.

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [redacted]
Sent: 16 August 2022 15:48
To: [Redacted] >
Cc: [Redacted]
Subject: RE: Musselburgh Flood Scheme - SG FRM Policy Team - Reaffirming availability to brief

Hi [Redacted]

Apologies for not getting back to you [redacted]

[Redacted] is offline at the moment so I cannot confirm her availability – but [Redacted] and I would welcome the chance of a catch-up.

Are you able to offer some dates / times?

Kind regards.

[Redacted]
Team Leader / Flood Risk Management / Environmental Quality & Resilience Division / Scottish Government
Area 3-H (South) | Victoria Quay | Edinburgh | EH6 6QQ |

From: [Redacted]>
Sent: 15 August 2022 15:26
To:[Redacted]
Cc: [Redacted]
Subject: Musselburgh Flood Scheme - SG FRM Policy Team - Reaffirming availability to brief

Hi [Redacted]

I think this is the last email on this matter – unless I've missed something. We are now quickly progressing to the Council meeting on 23-08-2022. The report itself will be public from tomorrow. I remain available for a briefing meeting. Let me know

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From:[Redacted]
Sent: 25 July 2022 12:12
To: [Redacted]
Cc: [Redacted]
Subject: RE: Musselburgh Flood Scheme - SG FRM Policy Team - Update and suggestion for Catch-Up Meeting

Hi [Redacted]

Scottish Government
Riaghaltas na h-Alba

Nice to hear from you and thanks for the update.

A Teams catch-up would be most helpful.

As far as Musselburgh-related correspondence etc is concerned things have been quiet this end too.

I've included [Redacted] in this exchange as we've all had our fingers in this particular "pie".

Colleagues – can you please indicate if you would wish to be involved in this online meeting?

Kind regards.

[Redacted]

Team Leader / Flood Risk Management / Environmental Quality & Resilience Division / Scottish Government
Area 3-H (South) | Victoria Quay | Edinburgh | EH6 6QQ |

I am currently working at home. The best way to get in contact with me is via email or SG officials can use MS Teams. You can also call my work number and leave a message and I'll get back to you.

From:[Redacted]>
Sent: 25 July 2022 11:56
To: [Redacted]
Cc: [Redacted]
Subject: Musselburgh Flood Scheme - SG FRM Policy Team - Update and suggestion for Catch-Up Meeting

Hi [Redacted]

I hope you are keeping well. It's been a while since we spoke directly, notwithstanding contact I've had with various members of the FRM Policy Team.

After a huge consultation period on the Scheme's Outline Design – concluding in March 2022 – we have finally completed our review of the massive input of regulatory organisations, key stakeholders and the people of Musselburgh.

The following are the key next steps:

1. Informatory briefing of local Elected Representatives (tomorrow morning);
2. Meeting of the Scheme's Project Board to agree next steps;
3. Possible report to Council on 23rd August – subject to Project Board authority tomorrow.
4. These meetings will then confirm next steps and thereby programme to conclude Outline Design.

I realise that the Scheme has generated lots of queries from a small number of residents of Musselburgh to regulatory organisations inc. your team and the Ministers. I am of the understanding that this has quietened since March, however this may pick up again after a report to Council. If you have collected knowledge on these communications then anything worth passing back to our team would be appreciated.

There are a number of significant overlaps with this Scheme and other projects in Musselburgh – e.g. the Scottish Power Musselburgh Ash Lagoon Seawall; the Musselburgh Active Travel Project;

potential for NFM within the River Esk Catchment etc. I assume you would like updated on these potential challenges / multiple-benefits.

Would you like a catch-up meeting / briefing on progress?

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: Tuesday, December 13, 2022 3:29 PM
To: [Redacted]
Cc: {Redacted] >
Subject: MFPS - SG FRM Team - Letter from Minister to Musselburgh Councillors - Some Queries

Dear [Redacted],

I hope you are keeping well.

I assume you will have seen or been aware of the attached letter from Mairi McAllan to two Councillors in Musselburgh.

I am very comfortable with the letter and more importantly that the Musselburgh Scheme is mapping to all criteria / processes identified in the letter. I am comfortable that at all points we have made similar statements and that this reiterates many positions that we have states to people in Musselburgh and / or made on our Scheme Website.

As I travel through the letter there are a number of queries that I have identified and I would be obliged if you could assist me in getting an answer:

1. Towards the bottom of Page 2 – It says the 2016 guidance is being updated. Is there an expected / projected date for the release of this new guidance? I would like to map against our programme and understand whether or not it will be required to map the Musselburgh Scheme against this new guidance – i.e. before we gain formal approval under the FRM.
2. Around the lower middle of Page 3 – When is NPF4 due to be approved and adopted? For the same reasons as defined in Point No. 1.

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

Attachment 14

Scottish Government
Riaghaltas na h-Alba

From: [Redacted]
Sent: Monday, June 19, 2023 7:20 PM
To: [Redacted]
Cc: [Redacted]
Subject: Musselburgh Flood Protection - Scottish Government FRM Team - Update on Public Exhibition

Hi [Redacted]

May I apologies for not being in direct contact in recent months. It has been unbelievably busy my end. I had intended to brief you on the Musselburgh Scheme development before today / this week.

As of the last few minutes our exhibition is now set-up: we are ready for tomorrow. The public aspect of the exhibition starts at 10:00. We have no idea of lightly numbers, but are planning for c. 1,000 over two days.

We have a private Elected Representatives Briefing tomorrow morning (c. 60 invited), and also a Media Briefing mid-morning.

On Thursday we have a day of Guided Tours and you and your team should have received an invite to a session at 10:00 – this will provide a private viewing with a presentation and Q&A session. I hope you can come along. We held a similar session in July 2019 and I felt it was really useful for all – As I recall [Redacted] attended that session.

If you have any questions – as always I am available via [Redacted]

P.S. We had a few random drop-in visitors during set-up this evening and thus have covered the boards visible from the windows to ensure there is no view of the product until it is 'unveiled' in the morning. The venue is normally (primarily) used as a wedding venue – so it remains a little twee, but is a great, open space for the event.

[Redacted]

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

From: [Redacted] >
Sent: 20 June 2023 17:38
To: [Redacted] >
Cc: [Redacted]
Subject: RE: Musselburgh Flood Protection - Scottish Government FRM Team - Update on Public Exhibition

Hi [Redacted]

Thanks for this. I can imagine it has been somewhat busy for you.

That sounds very positive about the public exhibition, hopefully it will go smoothly. Also interesting about those interested members of the community seeking a sneak preview.

Scottish Government
Riaghaltas na h-Alba

Unfortunately we have a meeting on Thursday morning which we can't rearrange and will involve most of us, however we also believe it is important to understand the latest with the Musselburgh project as it is in the spotlight somewhat with regards to political and media interest. So with that in mind [Redacted] will be able to attend on Thursday as an interested observer from the SG.

I'd be happy to catch up at an alternative time re the Musselburgh project.

I hope this week goes well.

[Redacted]

From: [Redacted]
Sent: Wednesday, June 14, 2023 11:21 AM
To: [Redacted]
Subject: MFPS - Confirmation of invite to Public Exhibition - Guided Tour

All

This email is further to the MS Outlook invite I have sent to Diaries, confirming you have been invited to the Musselburgh Flood Protection Scheme Public Exhibition – Guided Tour. I've again attached the poster giving full details of the event.

Can you please get back in touch if you would wish to substitute and/or bring someone else along to the event, so that we can arrange accordingly.

Kind Regards,
[Redacted]

Stakeholder Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]
Sent: Tuesday, June 20, 2023 2:36 PM
To: [redacted]
Subject: RE: MFPS - Confirmation of invite to Public Exhibition - Guided Tour

Hi [Redacted]

I'll be attending on Thursday on behalf of the Scottish Government's Flood Risk Team.

Regards

[Redacted]
Flood Risk Management Team
Environmental Quality and Resilience Division| Scottish Government
Area 3-H (South) | Victoria Quay | Edinburgh | EH6 6QQ

Scottish Government
Riaghaltas na h-Alba

From: [Redacted]
Sent: Wednesday, August 16, 2023 2:54 PM
To: [Redacted]>
Cc: [Redacted]
Subject: Musselburgh Flood Protection - Scottish Government FRM Team - Request for catch-up meeting

Hi [Redacted],

Apologies for not coming back to you sooner. [Redacted]

Perhaps we can now work to set-up that meeting? I am always happy to come to Victoria Quay, or if you wish I can entertain you in Musselburgh and we can meet and perhaps afterwards stand on some key locations in Musselburgh for your awareness / ground-truthing etc.

I would like to brief you on the exhibition, its feedback, our next steps, and I'm sure you'd appreciate my thoughts on the ongoing massive campaign of communication to all and sundry by the small but very active Action Group in the town.

In parallel, I would appreciate the opportunity to engage direct with you and / or your team, and I have a number of challenging technical / legal / FRM questions I would like to field and which you can take away to ponder etc.

Regards,
[Redacted]

Project Manager - Musselburgh Flood Protection Scheme
Structures, Flooding & Street Lighting

East Lothian Council | Road Services | Infrastructure | Partnerships & Community Services
John Muir House | Haddington | East Lothian | EH41 3HA

From: [Redacted]>
Sent: Friday, September 29, 2023 4:26 PM
To: Deputy Director Environmental Quality and Resilience <DDEQR@gov.scot>;
Cc: [Redacted]
Subject: Funding of Flood Protection Schemes - Viability Review
Importance: High

Dear [redacted],

Thank you for the letter dated 14th August 2023 providing an update on 'Funding of Flood Protection Schemes – Viability Review'.

Scottish Government
Riaghaltas na h-Alba

On behalf of East Lothian Council I would like to thank you for this letter of update and more importantly for the clarity that has been provided about the future of the flood protection scheme programme.

Within the letter, and as per the requirements of Recommendation 4, you asked East Lothian Council to outline whether we wished to proceed with any of our current flood protection schemes that have not been notified or are not at construction – by 30th September 2023.

East Lothian Council has two flood protection schemes that were prioritised within the 2016-2022 flood risk management cycle, Musselburgh FPS and Haddington FPS, both of which have not yet been notified.

I can confirm that East Lothian Council wish to, and are in a position to, proceed with both the Musselburgh FPS and Haddington FPS and do not wish to voluntarily withdraw either scheme at this stage.

I know that [Redacted], Senior Project Manager, is in periodic communication with your Flood Risk Management Policy Team so hopefully this confirmation will be as per your expectations. If you have any queries about our position then please get back to me, and / or [Redacted]. Furthermore, if you would like to understand better the 'regional and national' importance of our Musselburgh Scheme, and thereby the multiple-benefit overlaps that we have identified and are advancing with Sustrans and Scottish Power, then again please come back to me for further details.

Regards

[Redacted]

[Redacted] Head of Infrastructure | East Lothian Council | John Muir House, Court Street, Haddington, EH41 3HA |

.