

# Notes of Meeting



**TITLE:** Prestwick Strategic Drainage Project: Stakeholder Group Meeting

**LOCATION:** Prestwick Ambassador Bowling Club

**DATE:** Friday 15<sup>th</sup> November 2019

## Present:

Helen Moonie (HM)	Provost – South Ayrshire Council
Ian Cochrane (IC)	Councillor – South Ayrshire Council
Margaret Toner (MT)	Councillor – South Ayrshire Council
Derek Hart (DH)	Prestwick North Community Council
Stewart Turner (ST)	Ayrshire Roads Alliance
Ann Brierley (AB)	P-RAAF
Sid Brierley (SB)	P-RAAF
Stuart Wilson (SW)	P-RAAF
Kieran Downey (KD)	Scottish Water
Bill Elliot (BE)	Scottish Water
Arshid Karim (AK)	Scottish Water
Martin Hagen (MH)	Scottish Water
Kris Elder (KE)	ARC
Fraser May (FM)	ARC

## ACTION LOG:

Item	Action	Owner
1	Contact South Ayrshire Council Environment Team to get update on the environmental register in relation to Main Street properties in Area 7.	Scottish Water
2	Workshop to be organised to review options for the Prestwick Strategic Study (provisional dates held are 22 May & 19 June).	Scottish Water

## MEETING NOTES:

Item	Discussion
1	<b>Welcome and Introduction</b> Attendees welcomed by the Chair (Kieran Downey) who is standing in for John Scott MSP. Introductions made and apology made on behalf of Dr Philippa Whitford MP who was unable to attend due to Purdah rules in run up to General Election. Apologies were also received from Councillor Hugh Hunter.

Item	Discussion
2	<p><b>Purpose of Meeting</b></p> <p>KD outlined the agenda:</p> <ul style="list-style-type: none"> <li>• Welcome and introductions</li> <li>• Review of previous minutes and actions</li> <li>• Overview of Brandon Gardens and St Nicholas Road Residents Meeting held on 5th Sep 2019</li> <li>• Overview of Recent Flooding</li> <li>• Proposed Short Term Mitigations including update on status</li> <li>• Proposed Medium Term Flood Reduction Measures</li> <li>• Prestwick Strategic Study (longer term solution)</li> <li>• Timelines</li> <li>• Summary</li> </ul>
3	<p><b>Review of previous minutes and actions</b></p> <p>Scottish Water circulated information in relation to the fourteen flooding areas identified as part of the Strategic Drainage Project. This was sent out with meeting minutes on 17th June 2019 to get feedback. 2No responses received in relation to this and this confirmed information on known flooding areas.</p> <p>Fiona Mullen has left South Ayrshire Council so there was no update on checking the environmental register in relation to Main Street properties. BE will contact South Ayrshire Council Environmental Team to get an update on the action.</p> <p>Scottish Water and Ayrshire Roads Alliance are progressing with installation of speed tables and the work is scheduled to take place between early Jan 2020 and early Feb 2020.</p> <p>Scottish Water is in the process of purchasing the land behind 19 Brandon Gardens to be used for both the temporary storage area and the medium term sewer system storm attenuation (pipe nest).</p>
4	<p><b>Overview of Brandon Gardens and St Nicholas Road Residents Meeting on 5th Sep 2019</b></p> <p>Overview was given of the residents meeting on 5th Sep where around 50 people attended. Detail from residents meeting would form the basis of this Stakeholder meeting.</p>
5	<p><b>Overview of Recent Flooding</b></p> <p>Prestwick was hit by a number of flooding events over the summer. There were 6No flooding events that occurred in a period of just over two weeks. This resulted in some customers in the town being subjected to sewer flooding. Based on Met Office statistics this summer was one of the wettest for 100 years.</p>
6	<p><b>Proposed Short Term Mitigations</b></p> <p>7No NRVs were installed across Brandon Gardens and St Nicholas Road during October as part of Scottish Water’s short term mitigation actions.</p> <p>Scottish Water and Ayrshire Roads Alliance are progressing with installation of speed tables and the work is scheduled to take place between early Jan 2020 and early Feb 2020. This will involve speed tables being installed at Brandon Gardens, St Nicholas Road, Meadowbank Lane, Edmiston Avenue and Carrick Place.</p>

Item	Discussion
	<p>Scottish Water is in the process of purchasing the land behind 19 Brandon Gardens to be used for storage of floodwater. This will be used as a temporary storage area in the short term with the ground reprofiled to take floodwater away from the street in Brandon Gardens. A Planning Application is required for this and was submitted on 24<sup>th</sup> Oct. The determination time for the Planning Application is expected by 24<sup>th</sup> Dec. Based on a favourable determination from the Planning Application then construction of the temporary storage area is being scheduled for Feb 2020.</p> <p>Network Rail owns a 3m strip of land that currently forms the garden where the temporary storage area will be formed. Discussions have taken place with Network Rail and this is not expected to be an issue as the temporary storage area is outwith Network Rail's land and the track 'zone of influence'.</p> <p>A BT cable, pole and junction box needs to be diverted to allow construction of the temporary storage area and discussions are ongoing with BT to arrange this.</p>
7	<p><b>Proposed Medium Term Flood Reduction Measures</b></p> <p>In Brandon Gardens, 30m of twin 500dia pipe is proposed together with 150m<sup>3</sup> of storage pipes (pipe nest) in land along railway behind 19 Brandon Gardens. The proposed storage together with speed tables will provide 1 in 6 year level of flood risk protection when constructed alongside St Nicholas Road storage.</p> <p>In St Nicholas Road, 140m of 825mm dia pipe is proposed. The proposed storage together with speed tables will provide 1 in 8 year level of protection for St Nicholas Road when constructed alongside Brandon Gardens Storage.</p> <p>An assessment has been undertaken for creating additional storage on the footprint of the property at 19 Brandon Gardens. This could increase the level of protection to 1 in 10 year. No decision has been made on what to do with the house at No.19 and no decision will be made without consulting the community. It is acknowledged that some people have made clear representation that they do not want the house at No.19 to be demolished.</p> <p>Construction in St Nicholas Road will involve restrictions on access. An online storage pipe is proposed which will replace the existing sewer.</p> <p>Construction of storage pipes in Brandon Gardens will require interface with Network Rail. Ground investigation will be progressed which will determine the ground conditions. The ground conditions will dictate construction methods and also the involvement of Network Rail. Potential for time and cost implications.</p> <p>Scottish Water is currently targeting to have the storage in Brandon Gardens and St Nicholas Road constructed by end of Mar 2021. There may be an opportunity to reduce the timescale for construction in St Nicholas Road as it will not require any interface with Network Rail.</p> <p>Scottish Water is also looking to work with the local community to provide property level surface water attenuation. Scottish Water has been involved with Central Scotland Green Network (CSGN) to develop surface water attenuation proposals for 19 Brandon Gardens. It is the intention that these will be installed at No.19 and then measures offered to other interested customers in St Nicholas Road and Brandon Gardens.</p>
8	<p><b>Prestwick Strategic Study (longer term solution)</b></p> <p>Surveys have been completed for the Strategic Study. The flow survey was completed a</p>

Item	Discussion
	<p>couple of weeks ago. Hydraulic model is being updated with survey information and Hydraulic Review will be undertaken at the end of November. Model will then be reverified using the recent flow survey information.</p> <p>ARC has had an initial high level option assessment and looked at 12 options covering the 14No flooding areas previously identified. These will be further developed on the updated model. A full day workshop will be set up at the next Stakeholder Meeting to review high level options and identify any other potential options or variations. Two dates have been identified for this workshop and they are Fri 22<sup>nd</sup> May 2020 or Fri 19<sup>th</sup> June 2020. The date will be confirmed nearer the time once progress on the modelling is clearer.</p>
9	<p><b>Other Business</b></p> <p>HM queried whether measures proposed at St Nicholas Road and Brandon Gardens would exacerbate flooding elsewhere in the catchment. KD explained that Scottish Water would not transfer flooding risk from one area to another and checks in that regard are part of our business processes.</p> <p>HM asked if pumping stations are performing and are big enough to deal with all the flow. KD explained that pumping stations limit the flow that gets passed forward to Meadowhead Waste Water Treatment Works but all the flow cannot get to the pumping stations due to the pipe sizes in the current network.</p> <p>HM asked if there were less restrictions on spills to non-bathing beaches. KD explained that there is strict European legislation on designated bathing water monitored by SEPA. The standard for non bathing water is less and in such locations there is potential to spill more to reduce flooding. All such sewer system discharges are operated under licence issued and monitored by SEPA.</p> <p>IC queried if speed tables would result in more flooding issues on Ayr road as there were videos on social media showing flooding there. KD explained that model predictions show the speed tables make no material difference to the flooding on Ayr road and that Ayr Road will continue to experience similar levels of flooding.</p> <p>MT asked about Adamton Road flooding. KD explained that this is being looked at as part of Strategic Study.</p> <p>SB queried that proposed mitigations for Brandon Gardens and St Nicholas Road still involve flow going into the existing sewer alongside the railway that is under capacity. KD acknowledged this and explained that surface water removal is being investigated to reduce the load on this existing sewer. Upsizing of this existing sewer has a number of difficulties due to proximity of railway and number of buildings constructed in its vicinity.</p> <p>HM asked what contribution can the community or the council make to reduce runoff. KD explained that the Strategic Study is looking to identify opportunities across the catchment to help reduce runoff that both the community and council can help with.</p> <p>HM mentioned that Scottish Water were Statutory Consultees on Planning Applications and asked what comments are Scottish Water making to stop runoff getting into sewer. KD explained that Scottish Water are not Statutory Consultees on Planning Applications and cannot object to new developments per se. Scottish Water can only influence who connects to the Scottish Water sewer. KD explained that Scottish Water require all developers to undertake a Drainage Impact Assessment to ensure no unacceptable detriment to the existing sewer system performance and have a policy not to allow any new</p>

Item	Discussion
	<p>surface water connections or increased flows into their sewer networks.</p> <p>SB asked if Scottish Water can assure the Stakeholders that 1500 houses recently approved by South Ayrshire Council would not increase flooding in Prestwick. BE explained that growth is taken into account by Scottish Water and only foul flow connections are allowed when it can be demonstrated that there is no detriment to the existing system or mitigation measures are implemented, prior to allowing new connections, to ensure that is the case.</p> <p>SB queried future development at former St Ninians Primary School site and that new houses would increase flow to sewer. KD explained no greater discharge is allowed than what the site was before and also they need to take the surface water out of the sewers, unless if it can be demonstrated that it is uneconomic or not practical to do so.</p> <p>SB noted high groundwater table across Prestwick and new developments often have soakaways that may not operate satisfactorily.</p> <p>SB mentioned that South Ayrshire Council are not preventing people from paving front / back gardens which contributes to surface runoff getting into sewers. IC noted that paving of gardens does not require planning permission and the council are unable to stop. IC also noted that population density, high proportion of elderly residents and limited on street parking, will likely result in increased paving of gardens in Prestwick.</p>
	<p><b>Next meeting either on Friday 22nd May or Friday 19th of June</b></p>