



City and County of Swansea

Notice of Meeting

You are invited to attend a Meeting of the

Scrutiny Working Group - Local Flood Risk Management

At: Committee Room 5 - Guildhall, Swansea

On: Monday, 8 October 2018

Time: 10.00 am

Convenor: Councillor Peter K Jones

Membership:

Councillors: S J Gallagher, S M Jones, P Lloyd, I E Mann, C L Philpott, S Pritchard, B J Rowlands, D W W Thomas and G D Walker

Agenda

Page No.

1 Apologies for Absence

2 Disclosure of Personal and Prejudicial Interests
www.swansea.gov.uk/disclosuresofinterests

3 Nature Based Solutions to Flood Risk Management
Sion Brackenbury, Housing and Public Protection

4 Flood Risk Management Progress Report
Councillor Mark Thomas, Cabinet Member for Environment and Infrastructure Management
Stuart Davies, Head of Highways and Transportation
Mike Sweeney, Principal Engineer

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5 Discussion and Conclusions

Councillors are asked to discuss conclusions arising from this session for inclusion in the Convener's letter to the Cabinet Member:

a) What do you want to say about this issue to the Cabinet Member in the Convener's letter (what are your conclusions arising from this session?)

b) Do you have any recommendations for the Cabinet Member arising from this session?

c) Are there any further issues you wish to highlight to the Scrutiny Programme Committee arising from this session?

6 For Information Reports

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- a) Convener's letter to Cabinet Member (20 February 2018 meeting)
- b) Response from Cabinet Member (20 February 2018 meeting)

Huw Evans

Huw Evans
Head of Democratic Services
Monday, 1 October 2018
Contact: Liz Jordan 01792 637314

Agenda Item 4



Report of the Cabinet Member for Environment and Infrastructure Management

Local Flood Risk Management Scrutiny Working Group
8 October 2018

UPDATE ON FLOOD RISK MANAGEMENT IN THE CITY AND COUNTY OF SWANSEA

Purpose	To provide an update on the policy/ service area
Content	To provide an update on progress since the working group meeting on the 20 th February 2018
Councillors are being asked to	To consider doing further work on this issue <ul style="list-style-type: none">• Give their views...• Consider doing further work on this issue Make recommendations to Cabinet Member / Council
Lead Councillor(s)	Councillor Mark Thomas, Cabinet Member for Environment and Infrastructure Management
Lead Officer(s)	Stuart Davies, Head of Service Highways and Transportation
Report Author	Mike Sweeney, Principal Engineer

1.0 General Description

The Drainage team is part of the Highways and Transportation service. It covers a wide range of services within Flood Risk Management with the main role for overseeing compliance to the Statutory Duties and National Flood and Coastal Erosion Risk Management Strategy.

2.0 Why We Do This

2.1 There are a number of statutory requirements and policies relating directly to this service area. The main ones are:

Flood and Water Management Act 2010 - to assert and protect

the rights of the public for the use and enjoyment of any highway

Flood Risk Regulations 2009 - Selecting and reviewing Flood Risk Areas

Land Drainage Act 1991 – Ordinary water course consents and permissive powers to ensure flows in watercourses are maintained

Coastal Protection Act 1949 – To manage coastal flood and erosion risks

Highways Act 1980 - To assert and protect the rights of the public for the use and enjoyment of any highway

Local Flood Risk Management Strategy – Strategy to reduce risk of flooding with Swansea

Shoreline Management Plan 2 – Policies to manage the threat of Coastal change

2.2 Three of the five corporate priorities are particularly relevant:-.

Safeguarding people from harm

Transforming and Future Council development - Building sustainable communities

Transforming our economy and infrastructure – sustainable maintenance of council owned Drainage and Coastal assets.

2.3 The consequences of the council not fulfilling its statutory duties may lead to :

- Damage to property or injury to people
- Claims for personal and property injury/loss
- Negative impact on the quality of life for residents
- Detrimental effect on the reputation and prosperity of Swansea

The functions and activities of the service have an impact on quality of life issues, perceptions of the city centre and the areas people live in. These have both social and economic consequences.

3.0 **Management and Support**

3.1 Flood risk management is delivered by 3 members of office staff in the Authority's Drainage team. The team works closely with the

Authority's Highway operational team who are responsible for operation duties.

4.0 Stakeholders

4.1 The main key stakeholders for flood risk management include Welsh Government, WLGA, Natural Resources Wales and Welsh Water who have a shared interest in complying with the FAWMA 2010 and the National Strategy for Flood and Coastal Erosion Risk Management in Wales and the flood affected communities in Swansea.

5.0 Finance

5.1 The Budget for Drainage staff is £181k to cover the costs for 3 FTEs

5.2 Drainage Capital Budget 400K circa.

6.0 Current Performance and Trends

6.1 6 month review of actions and progress from the scrutiny working group meeting on the 20th February 2018 are provided below.

6.2 Programme of works list – The programme of works list has been updated to reflect high/low coding against risk level with the works priority programme devised to take into account risk assessed against a series of flooding chances in any given year.

- High – 1 in 30
- Medium – 1 in 100
- Low – 1 in 1000

The conclusions from the flood risk maps which shows the extent of flooding from these 3 return periods has been used to inform the priority of the works programme with an assessment made against risk to :-

- People
- Economic Activity
- Natural and Historical Environment

The priority programme has been developed so that over the six year plan communities which are deemed to have significant flood risk will have been assigned measures to help mitigate the risk of flooding. Each ward has been assessed with priority made against the consequences of significant flooding against the risk to people, economic activity and Natural and Historical Environment. However, the success of the plan will be dependent on available

resource and funding.

- 6.3 The flooding advice leaflet has been updated with collaborative work with the Emergency Management Section to ensure that the advice to residents is up to date with additional advice provided on flood preparation and available flood protection products. The information can also be viewed on the Emergency Management Webpage. In addition to this, the leaflet has been disseminated to all members, libraries, community councils and other public buildings.
- 6.4 Schedule 3 of the Flood and Water Management Act which underpins the introduction of the SAB approving body will come into force on January 7th 2019. This will be a new statutory duty placed on the Authority with resources to be identified to undertake the function. The Highway service will control the SAB function which will require other inputs from other departments. However, it is essential that the SAB function is closely linked with the Planning department. Preparations are ongoing on how to make developers make aware of the new drainage requirements by sign posting the standards and applications forms on the Planning Website. This is will be achieved by guidance provided by WG and the WLGA to ensure that notifications on procedures to developers for SAB applications are consistent across Wales and to inform them of the impending legislation.
- 6.5 The Authority has received 25k grant support from Welsh Government to install an Advanced Warning System on the A4118 road between Llandewi Corner and Scurlage South Gower which will inform the local community in times of severe flooding. Historically, this road has frequently flooded where concerns have been raised that the road becomes impassable at times.
- 6.6 The gully programme has been circulated to members. In addition to the routine maintenance regime, extra funding has been allocated to address defective gullies in Swansea in order to reduce highway flooding in problematic areas.
- 6.7 The Highways maintenance schedule of watercourses has been forwarded to local members, to comment on whether there are any additional concerns which may exist outside of the committed works programme. The concerns and locations submitted will be investigated for ownership and if applicable can be added to the Authority's list of assets to maintain.
- 6.8 In terms of planning and the potential impacts of new developments there is close and good collaborative work being

undertaken between internal departments and external risk management Authorities to ensure that flood risk is not exacerbated as the result of new development proposals. Historical or known flooding risk will be reported to the Planning Department by the Authority's Drainage section when considering applications.

- 6.9 Asset Data Collection – The Authority continues to undertake asset surveys involving CCTV work, with the data held on a GIS Mapping database.

7.0 Future Challenges & Opportunities

- 7.1 From January 7th 2019, all new developments of at least 2 properties or over 100m² of construction area will require sustainable drainage to manage on-site surface water. The Surface water drainage systems must be designed and built in accordance with standards for sustainable drainage published by Welsh Ministers.

These systems must be approved by the local authority acting in its SuDS Approving Body (SAB) role before construction work begins. The SAB will have a statutory duty to adopt compliant systems. Resources will need to be identified in order to undertake this new function for the Authority.

8. Risks

- 8.1 Under the Flood and Water Management Act 2010, Swansea Council became a lead Local Flood Authority (LLFA) and was given a series of new responsibilities to co-ordinate the management of local flood risk for surface water, groundwater and ordinary watercourses. Failure to fulfil this statutory duty will result in increased flood risk within the administrative boundary of Swansea Council and non-compliance to the expectations of Welsh Government.
- 8.2 This may lead to increased risk to life and property and critical infrastructure with the Authority being subjected to claims and public criticism

9. Assessment

- 9.1 The Authority has continued to deliver Flood Risk Management duties to ensure that compliance to the expectations of Welsh Government and statutory duties are met. The service will be delivered in accordance to best practice with continued

collaboration with other Flood Risk Management Authorities to ensure that opportunities for joint working are explored through regional working groups.

Appendix A FRMP prioritisation of works programme
Appendix B Flooding Advice Leaflet

Background Papers:

Schedule 3 - Flood and Water Management Act 2010

https://www.legislation.gov.uk/ukpga/2010/29/pdfs/ukpga_20100029_en.pdf

Contact: Mike Sweeney
Date: 17/09/18

Appendix A

Prioritisation - Programme of Works

Ward	Priority watercourse maintenance	Ref. no.	Location	Eastings	Northings	Comments	Link/Filepath	Flood Risk Area	Estimated Costs £	Ownership	Risk To	Measures	FRMP Objective	Flood Risk Level	Financial Year	Status
Bonymaen		Lo21	Upper Bank	266946 266961	195270 195225	Upper Bank north - historical known flooding. Works required for FRMP further investigation/study. Move to RED list for maintenance Upper Bank south - drop down headwall, headlosses etc. Check overland flowpaths. Risk to infrastructure and Copper Quarter.	..\Grid Locations\Priority Grid Lists - RED-HIGH-LOW\Priority - LOW\Ref. Lo21	Yes	5000	Parks	Residential and Highways	CCS 500: Flood Asset Inspection & CCS 400 further investigations	1,2,7,8	High	2016/17	Ongoing
Bonymaen	Maintenance responsibility PARKS		Nantong Way, Morfa	266879	195462	Parks. Low flood risk. High list. Grid compliant, on maintenance regime, continued inspection by structures CCTV Survey required	..\Grid Locations\Priority Grid Lists - RED-HIGH-LOW\Parks\Nantong Way, Morfa (off highway)	Yes	2500	Parks	Highway	CCS 400: Further investigations	1,2,7	High	2016/17	To commence in March
Clydach	N/A		Pont y Lon			Ongoing inspections by Structures every two years.		No	n/a		Non residential properties and Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2016/17	Ongoing
Castle	No significant intakes		Sanfields /City Centre			Urban catchment significant flooding shown of flood maps as result of run-off generated from hard landscape. Roads/Roofs etc Further work to ascertain drainage assets in City centre		Yes	20000		Residential, retail, commercial and highway	CCS 400: Further investigations & CCS 700: Contact with DCWW	1,2,5,7	Medium	2016/17	Ongoing(part)
Cockett	Low		Cockett Allotments			Investigate culvert with CCTV survey in order to collect asset data.		Yes	2000		Residential & Highways	CCS 500: Flood Asset Inspection & CCS 600 Flood Asset Maintenance	1,4,7	High	2016/17	Ongoing, CCTV has been completed and ditch clearance
Gorseinon	N/A		Trinity Street			Flooding of highway, historical incidents		No	2000		Residential properties and highway	CCS 400 - Further investigation	1,2,7	High	2016/17	Ongoing
Kingsbridge	High	26	Libanus Road, Gorseinon – between no.17 &19	259057	198258	Historical flooding has occurred. Several properties near miss. Capacity of culvert is inadequate due to inlet control where channel banks equal to top of culvert	Priority Grid Lists - RED-HIGH-LOW\Priority - HIGH\Ref. 26	Yes	30000		Residential and highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2016/17	Headwall improvements have been completed
Landore	Red	8	Cwm Level Road – Heol Nant Gelli	265636 265653	196080 196130	Serious flooding experienced on A4067 as the result of overspill from the Heol Nant Gelli/Quarr Road Culvert.Difficult access for maintenance/capacity of culvert needs examination. 4 residential properties, 18 commercial, main carriageway	RED-HIGH-LOW\Priority - Red\8. Cwm Level Road, Plasmarf	Yes	6000		Residential and Highway	CCS 500 - Flood Asset Inspection & CCS 100 - Improve flood warning service	1,2,5,6	High	2016/17	Access and grid improvements been completed. Flood warning system to be considered
Landore	N/A		Ffordd Cwm Tawe			Serious flooding experienced on A4067 as the result of overspill from the Heol Nant Gelli/Quarr Road Culvert.CCTV Works to obtain asset condition.			3000		Highway	CCS 400 - Carry out further investigation	1,2,7	Medium	2016/17	Ongoing CCTV works. Improvements to Heol Nant Gelli headwall have been completed.
Mayals	Red	1	Blackpill – s/o Woodmans	261741 261817 261824 261827 261853	190482 190486 190487 190486 190491	PAR produced, scheme sent to WG, Detailed design for flood alleviation scheme currently ongoing. WG grant funded	Priority - Red\1. Blackpill (The Woodman)	Yes	25000	CCS	Residential/Commercial/Highway	CCS 500 - Flood Asset Inspection CCS 100 - Flood Warning Service	1,2,7,8 1,2,5,6	High	2016/17	Detailed design for public consultation in February.
Morrison	Low		Sway Road, Morrison	267242	198605	Hydrology study. CCTV Survey. Needs inspection regime to be increased to red list.Banks of watercourse failing. Housing are investigating with new culvert being suggested as solution.In development	Priority - LOW\Sway Road, Morrison - LOW	Yes	6500		Residential & Highway	CCS 100 - Improve flood warning service CCS 300 - Derive hydrology for catchment CCS 500 - Flood Asset Inspection CCS 600 - Flood Asset Maintenance	1,2,5,6 1,2,7,8 1,2,7,8 1,4,7	High	2016/17	Improvement works to Llys Dol headwall has been completed. Further hydrology study required.

Morrison	N/A		Clydach Rd B4603			New access required for maintenance and new grid.		Yes	4500		Highway	CCS 600 - Flood Asset Maintenance	1,4,7	High	2016/17	Completed
Mawr	N/A		River Cathan			High risk - Housing asset maintenance		No	n/a	Housing	Residential	CCS 600 - Asset Maintenance	1,4,7	Low	2016/17	Ongoing maintenance and inspection
Penderry	N/A		Mynydd Newydd Road	263937 - 264000 264226	196625 - 196618 196606	Highway Drainage	Parks\Mynydd Newydd Playing Fields, Penplas	Yes	1500		Residential and Highways	CCS 600 - Flood Asset Maintenance	1,2,7	High	2016/17	Ongoing maintenance and inspection
Cockett	N/A		Carmarthen Rd, Fforsetfach			Investigate all culverts/watercourses with CCTV survey in order to collect asset data			10000		Residential & Highways	CCS 400: Further investigations	1,2,7	High	2017/18	Not started proposed
Cockett	N/A		Pontardulais Road			Investigate all culverts/watercourses with CCTV survey in order to collect asset data			10000		Residential, Commercial, Retail	CCS 400: Further investigations	1,2,7	High	2017/18	Not started proposed
Cwmbwrla	Red	6	Heol y Gors, rear of Wickes	264427 264452 264522 264626	194546 194549 194574 194641	Multiple locations in close proximity. Grid at location 3 requires attention. CCTV survey required to collect asset data. Properties at risk 1 residential Property, 11 commercial	..\Grid Locations\Priority Grid Lists - RED-HIGH-LOW\Priority - RED\6. Heol y Gors (Rear Wickes), Cwmbwrla	Yes	10000		Commercial and Highway	CCS 500 - Flood Asset Inspection and CCS 600 Asset Maintenance.	1,2,7,8	High	2017/18	New Access arrangements are currently being constructed . Grant monies to support work.
Cwmbwrla	N/A		Cwmbwrla Roundabout			Flood maps show extensive flooding in and around Cwmbwrla. The flood maps don't take into account capacity of culverts . This needs to be investigated.			10000		Residential, Commercial, Highway	CCS 400 - further investigation	1,2,7	High	2017/18	CCTV works completed
Cwmbwrla	N/A		Clare Street			Requires investigation and CCTV survey			2500		Residential and Highway	CCS 400 - further investigation	1,2,7	High	2017/18	Repairs to culvert completed. CCTV works ongoing
Gower	N/A		Llandewi			Frequent Flooding of Highway. Impassable to vehicles. Ditch maintenance regularly undertaken in this locality		No	15000		Residential properties and highway	CCS 300 Derive Hydrology for catchment, CCS 600 Flood asset maintenance	1,2,4,7,8	High	2017/18	Annual maintenance works to ditches.
Gowerton	Red	4	Bryn y Mor Road, Gowerton – Rear of Clos y Gweydd	258127 258085 258081	196492 196491 196457	Maintenance ongoing, grid replacement, flood warning service. Also culvert next to 81-95 - manhole in field behind blocks and floods, CCTV needed?	Priority - Red\4. Brynymor Road, Gowerton	No	5000		Residential and Highway	CCS 600 - Flood Asset Maintenance	1,4,7	High	2017/18	New Headwall constructed with WG supported grant
												CCS 100 - Improve Flood Warning Service	1,2,5,6			To be considered following completion of headwall imps
Llangyfelach	N/A		A48, Pontlliw			Serious Flooding incident with 3no propertied subjected to internal flooding. Highway has been impassable.hydrology study to promote solution		Yes	10000		Residential & Highway	CCS 400 - Carry out further investigation	1,2,7	High	2017/18	Investigations have started
Llansamlet	Red	11	Birchgrove Road – No.400 / Opp.side road	270402 270393	198917 198916	PAR Report required. Need pipe inspection i.e. capacity is deficient<1 in 100years protection. Catchment investigations etc to inform solutions. Historical flooding has reached media scale. 129 properties at risk	Red\11. Birchgrove Road (No. 400), Birchgrove	Yes	20000		Residential & Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2017/18	Study has been commissioned
Llansamlet	Red	12	Birchgrove Road – s/o No.330	270510	198614	Camera survey. New headwall structure (critical culvert project)	Red\12. Birchgrove Road (No. 330), Birchgrove		41000		Residential & Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2017/18	Study has been commissioned
Morrison	Red	14	DFS – r/o 32 Cwrt Llwyn Fedwyn	267342	198373	To continue maintenance on red list. To consider flood warning measures at site	Priority - Red\14. DFS. Morrison	Yes	5000		Highway	CCS 600 - Flood Asset Maintenance	1,4,7	High	2017/18	Ongoing
												CCS 100 - Improve flood warning service	1,2,5,6			
Morrison	Low	Lo3	Clydach Rd / Glyn Hirnant			Asset inspection. Possible move to high list. New grid, via internal assessment		Yes	12000		Residential & Highway	CCS 600 - Flood Asset Maintenance	1,4,7	High	2017/18	Ongoing

Morrison	N/A		Cwmbath Rd			Accumulation of SW. Inspection and investigation. Tracing/CCTV work. Possible modelling		Yes	17500		Residential & Highway	CCS 400 - Further investigation	1,2,7	High	2017/18	Not started proposed
Penyrheol	N/A		Waungron			Further investigations - hydrology study (Tuflow). Flood emanates from rural catchment. Flood Investigation solutions may arise	T:\Scrutiny Files	No	10000		Residential, Commercial and Highway	CCS 400 - Further investigation	1,2,7	High	2017/18	Study has been commissioned to determine solutions
Sketty	Red	2	Derwen Fawr Road – 150m from Mumbles Road	261864	190872	The pipe full capacity does not afford the 1 in 100 storm event which is the accepted standard of protection. Work to develop a report will be required in order to outline solutions. 5 properties at risk	Red 2	Yes	8000		Residential and Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2017/18	Not started proposed
Sketty	Red	3	Birch Tree Close – Down to rear of 40 Derwen Fawr Road	262021 262027 262047 262048 262051	192358 192363 192390 192420 192526	Pipe full capacity is adequate which has an annual exceedance probability greater than 1%. Frmp measure to continue maintenance. Should blockage occur 40 residential properties at risk	Red 3	Yes	Maintenance cost			CCS 600 - Flood Asset Maintenance	1,4,7		2017/18	Grid improvements have been completed. Additional work required
Sketty	High	15	Singleton Park, next to Brynmill Lane	263435	192066	New/reconfigured grid. New D/S chamber. Bank reinforcement u/s, possible regrading (Parks responsibility). Capacity of culvert has only a 1in 2year standard of protection.Consideration to upgrade will incur significant investment. Flooding to Significant infrastructure	High 15	Yes	25000	Parks	Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2017/18	Ongoing
Sketty	High	23	Furzeland Drive, Sketty – r/o no.21 Glan-yr-Afon Gardens	261988	192996	Grid damaged/in poor condition. Needs full replacement	..\Grid Locations\Priority Grid Lists - RED-HIGH-LOW\Priority - HIGH\Ref. 23	Yes	10000		Residential and Highway	CCS 600 - Flood Asset Maintenance	1,4,7		2017/18	Not yet started
Townhill	N/A		Gors Avenue			CCTV - 2 days. Map out culverts down to and around Cwmbwrlwa roundabout. No evidence of historical flooding. Highway and risk to railway line		Yes	2000		Highway, Railway Line	CCS 400 - Further investigation	1,2,7	High	2017/18	Not yet started
Killay South	N/A		Killay Square	260179	192880	Highway Flooding CCTV Survey completed. Hydrology study currently being undertaken.	:\BF Flooding Pics\Killay S	Yes	6000		Highway and Commercial	CCS 400 - Further investigation	1,2,7	High	2017/18	Study has been commissioned due to historical flooding
Cockett	N/A		Weig Fach/Downs Close			Investigate all culverts/watercourses with CCTV survey in order to collect asset data. Some work has been carried out which needs extending		Yes	4000	Private	Residential	CCS 400: Further investigations	1,2,7	Medium	2018/19	Completed root infestation in culvert
Clydach	Red	9	Kingrosia Park – r/o No.93 & No.97 Heol y Llwynau	270018 270133 270247 270554 270490 270407	202050 202086 202125 202339 202284 202209	Inspection and maintenance ongoing. Possible PAR with significant number of properties at risk	Priority - Red9. Kingrosia Park, Clydach	No	10000		Residential and Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2018/19	Maintenance Works have been completed but recommended for further hydrology study/Appraisal
												CCS 600 - Flood Asset Maintenance	1,4,7			
Clydach	Red	10	Capel Road Waverley Park – No.1 (3no.), r/o 59 Capel Road. & Mond mini rbt	269547 269565 269576 269707 269549	201787 201769 201705 201677 201414	Further investigation - Hydrology Study. Existing historical flooding, known under capacity, has been diverted previously. CCTV Survey. New Grid required and upgrading of pipe network. Initial study and design of solution is necessary to inform future costs,Properties at risk 16 approx	Priority - Red10. Waverley Park, Clydach	No	8000		Highway and Residential	CCS 400 - Further investigation	1,2,7	High	2018/19	Ongoing - CCTV has been completed
											CCS 500 - Flood Asset Inspection	1,2,7,8	CCS 600 - Flood Asset Maintenance			

Gower	N/A		A4118 Knelston to Frogmoor			Regular flooding of highway/pvt land , watercourse requires maintenance to reduce water levels		No	10000		Highways	CCS 600 - Flood Asset Maintenance	1,4,7	High	2018/19	Minor works completed. Discussion with NRW has led to watercourse clearance to lower levels
Kingsbridge			Kingsbridge Roundabout			Survey of culvert, GPS. Check against tidal levels		Yes	4000		Residential/ Commercial/ Highway	CCS 400 Carry out further investigation	1,2,7,8	High	2018/19	Not started proposed
Llansamlet	Red	13	Birchgrove Road – Bowens Arms	270813	197282	Asset condition CCTV survey. Internal review no urgent recommendations, new grid to be considered in due course. To be kept on red list. Low number of properties at risk	Red13. Birchgrove Road (Bowen's Arms). Birchgrove	Yes	2500		Residential & Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2018/19	Ongoing -works planned headwall imp.
Llansamlet	High	20	Clos Nant Bran, Birchgrove – r/o 313 Birchgrove Road	270485	198608	Capacity of culvert deemed satisfactory. Should blockages occur properties at risk 112	Priority - HIGHRef. 20	Yes	n/a		Residential & Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2018/19	Ongoing
Llansamlet	Low	Lo2	R/O 266 Birchgrove Road	270664 270671	198440 198430	General tidying required for channel entrance to headwall.	Priority - LOWRef. Lo2	Yes	2000		Residential & Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2018/19	Ongoing
Llansamlet	High	21	Gwernllwynchwyth Road – 3 location north of M4	269768 269774 269720	198292 198148 198178	Needs full replacement/improvements. Possible hydrology assessment. CCTV Survey to start initial investigation.	Priority - HIGHRef. 21	Yes	1000	Rugby Club	Residential & Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2018/19	Improvements have been completed to headwall
Mynyddbach	Red	7	Quarry Road – opp no.5	265584 265552	196086 196102	Historical flooding has occurred to contribute to flooding of A4067. Capacity issue needs further investigation including CCTV and hydrology study. 4res. Properties, 18 comm. Infrastructure	Priority - Red7.Quarry Road. Treboeth	Yes	8000		Residential & Highway	CCS 400 - Further investigations of SW	1,2,7	High	2018/19	Ongoing
Mynyddbach	N/A		Mynydd-Garnlwyd Rd			Accumulations of SW, flowing off commonland. Opposite No.8 CCTV survey		Yes	1500		Residential & Highway	CCS 400 - Further investigations of SW	1,2,7	High	2018/19	Not started proposed
Penderry	N/A		Pontarddulais Road			Culvert passes through top NW corner of Walkers Crisps site. CCTV/ Investigations.		Yes	5000		Residential and Highways	CCS 400 - Carry out further investigations	1,2,7	High	2018/19	Not started proposed
Pontardulais	N/A		St Teilo Street			Culvert in the rear gardens requires CCTV survey . Historical flooding to 2 internal properties		No	3000		Residential, Commercial and Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2018/19	Not started proposed
Penclawdd	N/A		Seaview			Further investigations - Map out culverts, CCTV		No	1000		Residential, Commercial and Highway	CCS 400 - Further investigations	1,2,7	High	2018/19	Not started proposed
Penclawdd	N/A		New Rd/Station Rd, Llanmorlais			Further investigations - main river interaction, local assessment of systems. Need a look at NRW R.Morlais model to see what it shows		No	5000		Residential, Commercial and Highway	CCS 400 - Further investigations	1,2,7	High	2018/19	Not started proposed
Pontardulais	N/A		Dantwyn			Capacity issues with Culvert running through Housing Estate. Catchment study required, full survey of drainage systems		No	5000		Residential, Commercial and Highway	CCS 400 - Further investigation	1,2,7	High	2018/19	Not started proposed

Penclawdd	N/A		Nant y Cedi Watercourse			Need to formalise asset maintenance, culvert survey/CCTV. Internal grid assessment		No	1500		Residential, Commercial and Highway	CCS 600 - Flood Asset Maintenance	1,4,7	High	2018/19	Not started proposed
Penderry	N/A		Pontarddulais Road			Culvert passes through top NW corner of Walkers Crisps site. CCTV/ Investigations.		Yes	5000		Residential and Highways	CCS 400 - Carry out further investigations	1,2,7	High	2018/19	Not started proposed
Sketty	N/A		King George Playing Fields/Mumbles Road/Cwm Stream			Hydrology Study to assess flow capacity of stream and to determine solutions to prevent flooding to Asheilgh Road. CCTV.		Yes	8000	Parks	Residential and Highway	CCS 400 - Further investigation	1,2,7	High	2018/19	Not started proposed
Upper Loughor	N/A		Corporation Road			Further investigation - CCTV, culverts, highways networks		No	2000		Residential property/Highway	CCS 400 - Further investigation	1,2,7	High	2018/19	Not started proposed
Westcross	N/A		Bellevue Road			Hydrology Study, Grid Assessments. CCTV. Treat as one Catchment	Yes	10000		Residential and Highway	CCS 600 - Flood Asset Maintenance	1,4,7	High	2018/19	Not yet started	
Westcross	N/A		Mumbles Road		CCS 400 - Further investigation						1,2,7	High	Not yet started			
Westcross	Low		Washinghouse Brook		CCS 600 - Flood Asset Maintenance						1,4,7	High	Not yet started			
Westcross	N/A		Elmgrove Road		CCS 400 - Further investigation						1,2,7	High	Not yet started			
Cockett	N/A		Florestfach Industrial Estate	262458	195420	Investigate all culverts/watercourses with CCTV survey in order to collect asset data. Welsh Governemnt owned majority of site		Yes	TBC	Welsh Govt	Residential, Commercial, Industrial	CCS 400: Further investigations	1,2,7	Medium	2019/20	Not started proposed
Gower	N/A		Port Eynon			Flooding of Highway. CCTV asset condition		No	2000		Highways	CCS 600 - Flood Asset Maintenance		Medium	2019/20	Not started proposed
Gowerton	N/A		Gowerton Cross			Further investigation, culverts need CCTV etc. T/M needed		No	5000		Highway	CCS 400 - Further investigation	1,2,7	High	2019/20	Not started proposed
Gowerton	N/A		Victoria Road			Culvert Assessment and appraisal.		No	5000		Commercial and Highway	CCS 400 - Further investigation	1,2,7	High	2019/20	Not started proposed
Llansamlet	High	22	Frederick Place, Llansamlet – r/o no.41 & s/o no.31	269806 269865	197365 197344	External flooding to gardens of properties	Priority - HIGH\Ref. 22	Yes	2500		Residential & Highway & Rail Line	CCS 400 - Carry out further investigation	1,2,7	Medium	2019/20	Not started proposed
Llansamlet	N/A		Parc yr Helig			Asset Inspection/Survey. Internal walkover, possible CCTV survey		Yes	1000		Residential	CCS 400 - Carry out further investigation	1,2,7	Medium	2019/20	Not started proposed
Llansamlet	Low	Lo19	Viking Way, Winch Wen	268608	196632	CCTV. Asset Inspection	Priority - LOW\Ref. Lo19	Yes	2000		Residential & Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	Low	2019/20	Not started proposed
Llansamlet	N/A		Heol Dulais			CCTV. Asset Inspection/Map system.		Yes	20000		Residential & Highway	CCS 400 - Carry out further investigation	1,2,7	Low	2019/20	Not started proposed

Newton	N/A		Underhill Park			Further investigation - CCTV, culverts		No	2000		Residential and Highway	CCS 400 - Further investigation	1,2,7	High	2019/20	Not started proposed
Oystermouth	Low	Lo20	Mumbles Road			Further investigation, overland flow, block gullies (Highway maintenance)		No	10000		Residential and non residential properties, highway	CCS 400 - Further investigation	1,2,7	High	2019/20	Not started proposed
Oystermouth	N/A		Recreation Ground/Park			Further investigation, overland flow, block gullies (Highway maintenance)		No			Residential and non residential properties, highway	CCS 400 - Further investigation	1,2,7	High	2019/20	Not started proposed
Sketty	N/A		Glanyrafon/Harlech Area			CCTV. Catchment Study to assess accumulations of surface water		Yes	6000		Residential and Highway	CCS 400 - Further investigation	1,2,7	Medium	2019/20	Not started proposed
Uplands	Not formalised		Glanmor Rd			Check linen plans. Check capacity of system. Formalise maintenance responsibility		Yes	5000		Residential and Highway	CCS 600 - Flood Asset Maintenance	1,4,7	High	2019/20	Not yet started
Uplands	N/A		Uplands Crescent			Map all drainage assets, CCTV, capacity check, overland flow paths		Yes	8000		Highway	CCS 400 - Further investigation	1,2,7	High	2019/20	Not yet started
Clydach	N/A		Mond Works			Flood maps show surface water flooding within works. No historical evidence that this exists.		No	n/a	Mond	private land/industrial	CCS 700 Liaison with owners of significant flood asset	1,2,5,7	Medium	2020/21	Not started proposed
Cwmbwrla	Low	Lo23	Manor Rd/Penfilia Rd			Flood maps shown large accumulations of surface water		Yes	2000		Residential	CCS 400 - further investigation	1,2,7	Medium	2020/21	Not started proposed
Dunvant	N/A		Dunvant Square			Further investigation of w/c (culvert).		No	1000		Highway	CCS 400 - Further investigation	1,2,7	High	2020/21	Not started proposed
Gorseinon	N/A		High Street			Flood map showing large accumulations of surface water		No	5000		Highway	CCS 400 - Further investigation	1,2,7	Medium	2020/21	Not started proposed
Gorseinon	N/A		Land adj. Afon Lliw			Flood map showing large accumulations of surface water		No	5000		Residential properties and highway	CCS 400 - Further investigation	1,2,7	Low	2020/21	Not started proposed
Llansamlet	Low	Lo14	Peniel Green Road			Low priority accumulation of surface water		Yes	1500		Residential & Highway	CCS 400 - Carry out further investigation	1,2,7	Low	2020/21	Not started proposed
Llansamlet	N/A		Trawilwn Playing Fields			Overland flow. CCTV culvert.		Yes	2000		Residential & Highway	CCS 400 - Carry out further investigation	1,2,7	Low	2020/21	Ongoing
Lower Loughor	N/A		Bwrw Rd			CCTV culvert under railway		No	1000		Residential and Highway	CCS 400 - Further investigation	1,2,7	Low	2020/21	Not started proposed
Penllergaer	High	24	Llewellyn Road, Penllergaer - s/o no.62	260808 260785	199016 199012	Asset maintenance, CCTV work	Priority - HIGH Ref. 24	No	2000		Residential, Commercial and Highway	CCS 600 - Flood Asset Maintenance	1,4,7	Medium	2020/21	Not started proposed
Penllergaer	Low		Gwalia Close			Further investigation, (grid check, culvert CCTV, capacity check) - Hydrology study		No	5000		Residential, Commercial and Highway	CCS 400 - Further investigation	1,2,7	Low	2020/21	Not started proposed
Pennard	N/A		A4118 Blackhills			Check adequacy of culvert/ watercourses crossing under A4118		No	No cost		Highway	CCS 400 - Further investigation	1,2,7	High	2020/21	Not started proposed
Penhyrheol	N/A		Frampton Road			Check adequacy of culverts/local drainage systems.		No	3000		Residential, Commercial and Highway	CCS 400 - Further investigation	1,2,7	High	2020/21	Not started proposed

Penyrheol	N/A		Coalbrook road			Check adequacy of culvert/headwall crossing under Coalbrook Road.		No	500		Highway	CCS 500 - Flood Asset Inspection	1,2,7,8	High	2020/21	Not started proposed
Pontardulais	N/A		Station Road			Floodrisk map has identified accumulations of surface water . Further investigations required		No	3000		Residential, Commercial and Highway	CCS 400 - Further investigation	1,2,7	High	2020/21	Not started proposed
Lower Loughor	N/A		Bwrw Rd			CCTV culvert under railway		No	1000		Residential and Highway	CCS 400 - Further investigation	1,2,7	Low	2020/21	Not started proposed
Upper Loughor	Low		Gwynfe Road			Further investigation - CCTV, culverts/highway networks		No	2000		Highway	CCS 400 - Further investigation	1,2,7	High	2020/21	Not started proposed
Pontardulais	N/A		Station Road			Floodrisk map has identified accumulations of surface water . Further investigations required		No	3000		Residential, Commercial and Highway	CCS 400 - Further investigation	1,2,7	High	2020/21	Not started proposed
St Thomas	N/A		Pentreguinea Rd			Low priority assessment of drainage networks/culverts		Yes	2500		Highway	CCS 400 - Further investigation	1,2,7	Low	2020/21	Not yet started
Bishopston	No significant intakes							No	n/a						Borough Wide Measures only - ongoing	
Fairwood	No significant intakes							No	n/a						Borough Wide Measures only -ongoing	
Killay North	No significant intakes							Yes	no cost		Highways				Borough Wide Measures only	

Risk Level depends on risk identified from Flood Maps
High 1 in 30
Medium 1 in 100
Low 1 in 1000

Useful flooding contacts:

**If there is a danger to life from flooding -
Contact the Emergency Services**

immediately: Dial 999 or 112

**Swansea Council Highways
emergencies (Daytime & Out of Hours):**
01792 841567

Swansea Council house flooding:
01792 521500

**Swansea Council Emergency
Management Service:**
01792 636000

**Natural Resources Wales (Flooding
from main river, sea and reservoirs)**
24 Hour Floodline: 0345 988 1188

Or visit the website:
www.naturalresources.wales/flooding

Met Office - Latest weather forecasts
0370 900 0100

Or visit the website:
www.metoffice.gov.uk

**Dwr Cymru Welsh Water (Sewage
flooding) -** 0800 0853968

How you can prepare for flooding:

- Keep a list of useful telephone numbers e.g. your insurance company, Natural Resources Wales Floodline number, emergency contact numbers for friends and family.
- Check with Floodline to see if there are any specific flood warnings for your area.
- Get some sandbags or other flood protection to block doors and airbricks (making sure there is adequate ventilation) - see below.
- Make a flood kit. Keep a torch, phone and charger, battery radio, emergency numbers, writing paper, pens and your insurance policy in a safe place.
- Know where your mains electricity and gas supply switches are.
- Consider what you would do if you had to evacuate your property—consider children and pets as they will have specific needs.

If blocked drains or gulleys are posing a risk to safety and you are unable to clear them, please report them. Please give as much detail as you can about the location of the drains and the impact they are having on safety, property and the local community.

Do not put yourself or others at risk—If in any doubt, notify the Council.

Flood Protection products:

Swansea Council cannot recommend specific flood protection products, however **Blue Pages Directory** is an independent directory of flood protection products and services. Visit their website: www.bluepages.org.uk

Further advice and information if you have been affected by flooding:

The National Flood Forum website has a host of useful advice and further information on what to do if you have been affected by flooding. Visit www.nationalfloodforum.org.uk or phone 01299 403055



Flooding advice for residents in the Swansea Council area



**Swansea Council
The Guildhall
Swansea
SA1 4PE**

01792 636000

Guidance on drainage and flooding

Introduction

This leaflet has been prepared by Swansea Council to give general advice about drainage and flooding, and to provide information on who is responsible for what.

Your responsibility as a property or land owner

The primary responsibility for the protection of property in the event of flooding lies with the owner or occupier of the property. The owner or occupier is also responsible for any necessary repairs or remedial work.

Be prepared!

Owners or occupiers living near watercourses or adjoining land with significant water flowing off it after rain should take appropriate precautions without waiting for a forecast of bad weather.

Suitable precautions include getting sandbags (or water - absorbing bags that are easier to store and handle, but do the same job) and installation of flood barriers.

You could also move valuable items and documents to keep them above possible flood levels. So you are ready if there is a flood, have a plan for what you would move and what you will do if flooding is imminent.

Make sure you are insured and keep a list of telephone numbers and insurance details to hand, so that you can easily pick them up if you are forced to leave your home.

If a watercourse runs through or adjoins your land ...

If a watercourse runs through or adjoins your land, you are responsible for the protection of your property or land against flooding and erosion. You are normally responsible for keeping these watercourses, including any culverts, clear of any obstruction which would impede natural water flow.

Swansea Council will ...

- Maintain the highway drainage system, including highway gully emptying and keeping highway culverts clear
- Operate a 24 hour emergency service and respond to severe flooding events to ensure safety on the public highway
- Work to avoid or reduce flooding of the public highway, and maintain culverts on council-owned land.
- Work with other emergency services in response to severe or major emergencies

Sand Bag Policy

It is the responsibility of owners and occupiers of properties to protect their property from flooding. Sandbags can help and residents and properties owners at risk are advised to get sandbags or flood bags as a precaution.

The Council has no statutory duty to provide or distribute sandbags to residents, and unfortunately would not be able to respond quickly in an emergency to all the requests it receives.

The Council will aim to provide sandbags to divert flood water flowing from public watercourses, such as gullies, drains and culverts.

The Council has established an emergency sandbag facility for extreme events. The Council will not normally issue sandbags to residential properties, but sandbag policy and decisions on their use will depend on resources available. You can purchase sandbags and other products that may help protect your property at your local builders merchants.

Emergency Management Service

The Swansea Council Emergency Management Service are responsible for planning for and responding to major emergencies on behalf of Swansea Council. The Service will work with the emergency services and other organisations to co-ordinate the response to major emergencies such as flooding incidents, and arrange facilities for the evacuation of residents from their homes, if required.

Natural Resources Wales (NRW)

- Responsible for flooding from main river, sea and reservoirs
- Issues flood warning on some main rivers
- Has a duty to supervise flood defences

Owners and occupiers who live in areas affected by flood risk from the above sources above should contact NRW for advice.

NRW operate a flood warning system during periods of potential risk. The Flood Warning Service is a free alerting system that sends out direct messages when flooding is expected. The service can give advance notice (up to 6 hours) of when flooding from the sea or from rivers is likely to happen, giving owners and occupiers time to prepare their property. Warnings can be sent by telephone, mobile phone, email and SMS text message.

NRW can provide advice on how to protect your property against flooding:

Mid and West Wales Fire & Rescue Service

- Primary role in the saving of life , protection of property and providing assistance to other agencies and services.
- Resources available include inflatable boats, rope rescue teams , mobile lighting, pumping equipment, emergency vehicles and radio communications

South Wales Police

- Can offer assistance where there is danger to life
- Co-ordinate evacuation from homes

Dwr Cymru/Welsh Water

- Responsible for flooding from adopted sewers and pumping stations

Agenda Item 6



To:
Councillor Mark Thomas
Cabinet Member for Environment Services

Please ask for: Scrutiny
Gofynnwch am:
Scrutiny Office 01792 637314
Line:
Llinell
Uniongyrochol:
e-Mail scrutiny@swansea.gov.uk
e-Bost:
Date 03 April 2018
Dyddiad:

Summary: This is a letter from the Local Flood Risk Management Working Group to the Cabinet Member for Environment Services following the meeting of the Working Group on 20 February 2018. It is about the Local Flood Risk Management Plan.

Dear Cllr Thomas

The Local Flood Risk Management Scrutiny Working Group met on 20 February to receive an annual update on progress with the Local Flood Risk Management Plan. This letter provides you with feedback from that meeting.

We would like to thank you and Mike Sweeney for attending to present the annual update and to answer our questions. We appreciate your engagement and input.

Whilst the Working Group found the meeting informative and interesting, it did have some concerns and we would like to make the following comments.

The Working Group asked about progress made on the recommendations in the Convener's letter following the meeting in 2017:

- Availability of prioritised programme of works – we heard that the Authority has a list of areas that require work. The list may be made available to all Councillors, but there is concern about making it available as well to the public, given that the works are only able to go ahead when funding is available. We suggested that the list be made available to the public on request.
- For the programme of works list, we think that only one coding system should be used, either high/low coding or a traffic light system, but not both. You agreed that it would be better to use one coding system and we hope to see this actioned.

OVERVIEW & SCRUTINY / TROSOLWG A CHRAFFU

SWANSEA COUNCIL / CYNGOR ABERTAWE

GUILDHALL, SWANSEA, SA1 4PE / NEUADD Y DDINAS, ABERTAWE, SA1 4PE

www.swansea.gov.uk / www.abertawe.gov.uk

- Review and update flood risk leaflet and include advice on ways to protect property from flooding – we were informed that the old leaflet is online but is out of date. A new one will be available online once the Emergency Planning website has been updated, as a new one will need to link in to this. We requested a timeline detailing when the website will be updated and when the leaflet with new content will be online. You agreed to provide firm dates in your response to the Convener's letter.
- We would also like to see the flood risk leaflet available online, and would like to see paper copies of the new leaflet made available in libraries, community centres etc.

We then moved on to discuss this year's update.

- Flood risk management plan –we heard that a consultant had been appointed to look at areas of high risk, and that studies have been carried out and these would need to be evaluated with options then considered. The Authority only has a small amount of funding, so will need to apply for grants from Welsh Government for spending over and above this.
- Infrastructure for new developments/estates – we felt that the infrastructure is not properly in place in terms of flood risk. We were informed that, for planning applications, Natural Resources Wales and Welsh Water are statutory consultees. If they give a new development the green light there is nothing the Local Authority can do about it. We were concerned to learn this.
- We wanted to know if the Authority is spending the money it has for flood risk in the most effective way. We were told that the department is constantly looking for improvement, but you believe the money is being spent in the most effective way. There is £400k a year allocated for highways drainage, and flood risk puts more of a strain on this.
- Page 9 of report – staff structure – we thought that the structure looks very management top heavy. We were informed that the managers are supervisors who go out on site and don't just manage staff. This is the structure for highways and not just flood risk, with only a small amount of time being spent on flood risk.
- Cleaning of gullies – we heard that gullies are cleaned on average once every three years, and that staff are diverted to deal with flooded gullies. We would like to see the programme of works for gullies made available to councillors.
- We heard that road sweeping is also carried out and that this has a separate programme of works.
- Flood risk long term plan – we raised the issue of long term projections with regard to more frequent heavier rainfall, and that these have implications for Swansea; we need to have a long-term strategy. You told us that this is an increased service pressure and resources are inadequate; however, the Welsh Government has recognised the long-term projections, and hopefully more money will be available for flood risk schemes.

- Asset data collection is underway – we were pleased this is happening. Local knowledge is very useful, and the public can help with providing information. The Local Authority does not know about all of its assets – grids, drains, gullies etc. We heard that the public should contact the Highways Department to identify where any grids, drains are. Highways can then come out and clean them, as it has responsibility for maintaining them.
- New statutory duty in May 2018 – we learned that there will be a new Sustainable Urban Drainage Systems (SuDS) Approving Body. New resources will need to be found for this body, and a decision is yet to be made about whether it will be regional. Developers will have to take account of drainage on their sites. It will release the burden on current infrastructure. The Local Authority will be required to adopt water features on developments greater than two properties. There is concern over where the money will come from in the first place. It is hoped that the new duty for water features will lead to more highways being put up for adoption. We feel that this represents a positive way forward.
- It is good to see that green infrastructure is increasingly being introduced, since working with nature needs to be understood and given a more up-front role in the reduction of flood risk.
- Consultation on new byelaws – we were informed that a consultation will be taking place on this shortly for a period of six weeks. Byelaw 5 is very important: building of structures, pipes etc on land liable to flooding – no one will be able to build over Local Authority assets like culverts.

Following the meeting, we discussed progress and came to the following conclusions:

1. We would like to see the Prioritised Programme of Works available to the public on request. We would also like to see one coding system used for this list of works.
2. We were pleased to hear that communications are a priority for the Department, as this is essential. We would therefore like to receive a timeline detailing when the website will be updated, and when the Flood Risk leaflet with new content will be on line. We would also like to see paper copies of this leaflet made available in public places.
3. We feel that the Flood Risk Management Plan is based on historical data, is out of date and therefore needs to be reviewed. Also, we think it is important to raise awareness of the studies, with the public in the area to be made aware of the situation and given a timetable.
4. Notwithstanding the financial effects of austerity, we feel that flood risk, as a major issue, needs to be properly resourced. We note that, despite budget constraints, some work is going on to prevent flood risk. We would like to know if it is possible to put a number of schemes together, and submit one major application for grant funding.
5. We welcome Sustainable Drainage Systems (SuDS) being introduced and would like to be informed if they apply to commercial properties. We feel that use has to be made of all methods for drainage and flood management, and SuDS will be good for the environment as well as doing the job.
6. We would like to see awareness raising re SuDS, particularly for Planning Officers, and with training possibly for all Councillors.

7. With regards to Planning, we feel that there is a need to look at historical records when considering applications, and to be prepared to question the advice from Natural Resources Wales and Welsh Water.
8. We believe that quite often the solution to issues is a good maintenance programme and that local knowledge for maintenance is very important. We suggest that a trawl of councillors is undertaken for issues in their local areas that are not on the current maintenance list. We feel that the Department should be able to deviate from the current works schedule if an important risk arises.
9. We would like the programme of works for gullies to be made available to Councillors.
10. We feel an opportunity is being missed with regards to self-help. We all need to take pride in where we live. We would like to see a scheme put in place to encourage this. Maybe there could be something in the new leaflet to encourage people to take responsibility for the area outside their own front door?
11. We feel that an update will be needed in six months' time to ensure that progress on the recommendations is being made; we will therefore be recommending to the Scrutiny Programme Committee that they consider adding this to their work programme for 2018/19.

Your Response

We hope that you find this letter useful and informative. We are interested in hearing your thoughts about the issues raised and would ask that you respond by 24 April 2018.

Yours sincerely

COUNCILLOR PETER JONES
CONVENER, LOCAL FLOOD RISK MANAGEMENT SCRUTINY WORKING GROUP
CLLR.PETER.JONES@SWANSEA.GOV.UK

To Members:

Local Flood Risk Management Scrutiny
Working Group

Please ask for: Councillor Mark Thomas

Direct Line: 01792 63 6926

E-Mail: cllr.mark.thomas@swansea.gov.uk

Our Ref: MT/JW

Your Ref:

Date: 19 April 2018

Dear Councillor Peter Jones

LOCAL FLOOD RISK MANAGEMENT SCRUTINY WORKING GROUP
20 FEBRUARY 2018

Thank you for your letter dated 3 April 2018 regarding the views and recommendations expressed in the Local Flood Risk Management Scrutiny Working Group meeting on the 20 February 2018.

Referring to the recommendations that you have made, I wish to respond by answering the points raised as they have been listed.

We would like to see the Prioritised Programme of Works available to the public on request.

The Authority has outlined the Flood Risk Management Plan for the cycle 2015-2021 which outlines the Authority's actions and measures which are available to share with members of the public. As you can appreciate the actions proposed in the plan will be implemented should sufficient funding and resource become available. The prioritised programme was developed to demonstrate an internal programme of works devised by assessing the level of flood risk in a community. This information can be made available to the public but on the understanding that prioritisation may change and the delivery of the proposed actions depends on funding availability.

We were pleased to hear that communications are a priority for the Department, as this is essential. We would therefore like to receive a timeline detailing when the website will be updated, and when the Flood Risk leaflet with new content will be on line. We would also like to see paper copies of this leaflet made available in public places.

I am pleased to inform you that the Emergency Management website has been completed which will incorporate the Flood risk Leaflet and other useful information relating to flooding advice and links to key stakeholders e.g. Natural Resources Wales, National flood forum and Met office. The website will go-live as soon as the website translation has been completed, so I expect this to be done in the next few weeks. With regard to the paper copies, I agree that these need to be disseminated in public places and this will be arranged accordingly.

We feel that the Flood Risk Management Plan is based on historical data, is out of date and therefore needs to be reviewed. Also, we think it is important to raise awareness of the studies, with the public in the area to be made aware of the situation and given a timetable

The flood risk management plan has been produced consistently across Wales and uses the latest technology in the form of flood risk and hazard maps to inform the highest significant flood risk in our communities. It also takes into account both the projected future flooding risk and historical flooding incidents. This has been published on the Authority's website to outline the Authority's intention to manage flood risk, but the success of the plan will be delivered in accordance to available funds. In terms of the ongoing studies, once they have been completed then this information will be shared with the ward members and any residents who have been affected by flooding.

Notwithstanding the financial effects of austerity, we feel that flood risk, as a major issue, needs to be properly resourced. We note that, despite budget constraints, some work is going on to prevent flood risk. We would like to know if it is possible to put a number of schemes together, and submit one major application for grant funding.

I wish to confirm that the Authority has an opportunity to access grant support on schemes up to the value £100k. This can be used for one or multiple schemes up to this value with the condition that the schemes need to be completed by the end of the financial year. For information, last year the Authority had received £60k grant support for two schemes which supported culvert repair works situated on Enid Road, Clydach and support to complete the design of headwall and culvert improvements to the watercourse situated adjacent to 300 Birchgrove Road, Birchgrove. The Authority had also applied for, and received, revenue grant support to the value of £30k which has allowed for access improvements to undertaken to allow safe working accesses and platforms for operatives to maintain grids.

This year, as part of the Coastal Risk Management Programme, I am pleased to inform you that the Authority has received 85% grant support which is valued at £682k to complete the design to enhance the sea defences at Mumbles and this will include consideration to the provision of wider benefits in terms of potential opportunities for increasing visitors' numbers to Mumbles.

We welcome Sustainable Drainage Systems (SuDS) being introduced and would like to be informed if they apply to commercial properties. We feel that use has to be made of all methods for drainage and flood management, and SuDS will be good for the environment as well as doing the job.

The introduction of Schedule 3 of the Flood and Water Management Act covers all Construction work which has drainage implications and these works may not be commenced unless a drainage system for the work has been approved by the SAB approving body. This will apply to all new development both commercial and residential.

We would like to see awareness raising re SuDS, particularly for Planning Officers, and with training possibly for all Councillors.

The Welsh Government is currently finalising the guidance which will accompany the legislation in May and is working with all Authorities in Wales to develop a common process. In the meantime, The Welsh Government has commissioned a training package to relevant LA officers, to provide improved understanding of the new system. All guides, processes and standards will be made available on the Authority's website and will be closely linked with the Planning department for all interested parties.

With regards to Planning, we feel that there is a need to look at historical records when considering applications, and to be prepared to question the advice from Natural Resources Wales and Welsh Water.

The Planning Department consult the statutory flood risk management Authorities as a matter of course in order to gather a formal response on flood related matters which are used to inform the planning decision process. In addition to this, our Drainage Section are also consulted and where there has been an historical issue relating to flooding then in these cases betterment is sought from developers in order not to exacerbate flood risk in these areas. Any local concerns with regard to historical flooding can be brought to the Planning Department's attention as part of the planning application process who will manage the concerns accordingly. In terms of Planning and the potential impacts in terms of flood risk, I wish to confirm that there is good collaborative work being undertaken between relevant departments and external bodies so that flood risk from all sources is properly assessed.

We believe that quite often the solution to issues is a good maintenance programme and that local knowledge for maintenance is very important. We suggest that a trawl of councillors is undertaken for issues in their local areas that are not on the current maintenance list. We feel that the Department should be able to deviate from the current works schedule if an important risk arises.

I agree that local knowledge does provide good and useful information on where the flooding 'hotspots' are located. In effect, this information is already collected by the Authority's reporting system where frequent problems are brought to the attention of the Highways operations. These incidents are taken into account in terms of reactive attendance to problematic sites especially during the Autumnal months. However, I would like to confirm that the maintenance list, especially for watercourses, has been devised to take into account the level of flood risk which could occur as the result of screens 'blocking up' and have been prioritised to take into account the consequences of flooding with the likelihood of potential damages. To reply to your suggestion, I am happy to forward the Highways maintenance schedule of watercourses to local members, to comment on whether there are any additional concerns which may exist outside of the committed programme. The concerns and locations can be investigated for ownership, and if applicable, can be added to the Authority's list of assets to maintain. It is my understanding that maintenance of watercourses and ditches are carried out by other departments and not just highways, so this will be beneficial in identifying those locations which may not be covered by Highways operations to ensure that the Authority provides a consistent approach to maintain drainage assets across the whole of Swansea.

We would like the programme of works for gullies to be made available to Councillors.

For your information I would like to confirm that the Swansea is split into 3 areas, one for each gully tanker. These areas are sub-divided into 12 monthly areas as shown on the attached plan which is in effect the schedule for visiting areas in Swansea. The current protocol is for a road gully to be cleaned at least once in three years. This is a minimum standard, but of course there are locations where cleaning is undertaken more often in flood affected areas, with the effect that maintenance schedule can change due to additional demands such as reactive emergency works.

We feel an opportunity is being missed with regards to self-help. We all need to take pride in where we live. We would like to see a scheme put in place to encourage this. Maybe there could be something in the new leaflet to encourage people to take responsibility for the area outside their own front door?

Whilst I agree with your comments regarding self-help, the Authority needs to consider health and safety concerns in encouraging people to take on responsibility for their own area. This will be given further consideration and will be reported back to you at the next scrutiny meeting.

We feel that an update will be needed in six months' time to ensure that progress on the recommendations is being made; we will therefore be recommending to the Scrutiny Programme Committee that they consider adding this to their work programme for 2018/19

I agree that an update will be beneficial in 6 months time due to the imminent changes in legislation and to report on further progress on the actions previously identified.

To conclude, I wish to acknowledge and thank you for the recommendations of the Scrutiny Working Group and I hope that I have responded to the matters you have raised.

Yours sincerely



**COUNCILLOR MARK THOMAS
CABINET MEMBER FOR ENVIRONMENT SERVICES**

Enc.