

## DECISION ITEM

REPORT OF	MEETING	DATE	ITEM NO
HEAD OF TECHNICAL SERVICES	OPERATIONAL MANAGEMENT COMMITTEE	6 SEPTEMBER 2022	5
<b>STAINING SURFACE WATER (SW) DRAINAGE IMPROVEMENTS</b>			

### PUBLIC ITEM

This item is for consideration in the public part of the meeting.

### SUMMARY

This project involves improvements to the existing surface water (SW) drainage system in the vicinity of Eddleston Close, Staining.

It has been widely acknowledged that there is an extensive history of highway and sewer flooding within the area. There are two detention basins in the primary school grounds that are not functioning effectively and reports of riparian owners who have blocked local drainage ditches.

The Council were asked by Staining Flood Action Group and the Parish Council for technical and financial assistance to improve the situation. The Council's Technical Services team have undertaken extensive investigation work and have come up with a proposed scheme to improve the surface water drainage system.

The report looks to draw down the funding, appoint a contractor and deliver the project.

The approved capital programme includes a sum of £65,000 in 2022/23.

### RECOMMENDATIONS

#### The committee is recommended:

1. To authorise the drawdown of expenditure up to £65,000 for the Staining surface water Drainage Improvement scheme which is included within the Councils 2022/23 capital programme.
2. To delegate the engagement of the contractor to the Head of Technical Services following a competitive procurement exercise using the request for quotation procedure, in accordance with the contract procedure rules. The contractor with the most economically advantageous quotation to the council will be appointed based on price and quality.

### SUMMARY OF PREVIOUS DECISIONS

<alendar/tabid/70/ctl/ViewMeetingPublic/mid/397/Meeting/1159/Committee/17/Default.aspx> [Full Council, March 2021](#)

Resolved that approval be given to the updated Five-Year Capital Programme which included Staining drainage improvements scheme.

Drainage Improvements £65k.

## CORPORATE PRIORITIES

Economy – To create a vibrant and healthy economy	√
Environment – To deliver services customers expect	√
Efficiency – By spending money in the most efficient way	√
Tourism – To create a great place to live and visit	√

### REPORT

#### BACKGROUND

1. Since the 1970-80s the development of Staining village has surpassed the capability of the existing surface water drainage system. As development has progressed newer larger pipes have been added onto smaller older pipes/culverts. These numerous 'add-ons' coupled with culverting of the watercourse has exacerbated potential flooding and has meant that under more extreme storm events the surface water system is more likely to back-up and thus causing flooding. The problem is further compounded by poor detailing and construction of access chambers and lack of periodic maintenance.
2. The finalised Flood Risk Management Study, undertaken by Jacobs on behalf of Lancashire County Council as the Lead Local Flood Authority (LLFA), "*acknowledged that there was an extensive history of highway and sewer flooding within the area, which could suggest a wider drainage issue. The Surface Water Management Plan (SWMP) also noted reports of riparian owners who had blocked local drainage ditches.*" There have been frequent surface water flooding issues in the southern side of Eddleston Close, there are two existing surface water culverts running parallel to each other, both culverts run west to east and are ultimately connected to the main riparian surface water drain/culvert in Staining.
3. Further investigations have determined that there are two existing detention basins within the Primary School grounds which have been filled with soakaway media. The surface water discharge from these basins has been directed into the main Staining surface water drainage system. Lack of maintenance has reduced the functionality of the detention basins, and the historical infilling of a nearby alternative ditch (now re-opened) had compounded localised drainage problems.
4. A further drainage survey on behalf of LCC LLFA, highlighted further problems with backflow, cross flow and poorly formed benching within manhole chambers were discovered within the riparian surface water drainage system in Staining. LCC Highways have undertaken some maintenance works to surface water drains within the highway particularly to the east side of Staining. United Utilities have recently carried out some maintenance on the public sewer in Eddleston Close.

#### SCHEME DETAILS

5. It is proposed that LCC manage the clearance of the detention basins of the soakaway media to improve surface water attenuation (storage) and, the disconnection of the surface water discharge from the detention basins and the re-direction of the basin outflow to the re-opened ditch to the southwest.
6. Therefore, Fylde Council will manage the Capital Project remedial works to the riparian surface water drain which is not the responsibility of either LCC Highways or United Utilities and a Maintenance Company for the open ditch in Jubilee Gardens. This will be deemed to be a one-off agreement between the relevant riparian owners. These works will be within access chambers which are necessary to reduce future flow problems – details of all the proposed works are shown on drawings TS 18015-001 & 002 General Arrangement Plans.
7. It is proposed that Fylde Council's Technical Services team arrange to repair and improve the existing surface water system servicing Eddleston Close, The Nook, and carry out remedial works to various chambers downstream of Eddleston Close to improve flow so as not to effect Eddleston Close and The Nook.
8. The project will depend on the co-operation of the Primary School governors, adjacent landowners, homeowners, the Parish Council and LCC LLFA.
9. The proposed works come under the Part 12 Class A (a) of the Town and Country Planning (General Permitted Development) (England), as such planning permission is not required.



IMPLICATIONS	
Finance	This report details the proposed delivery mechanism for the Staining surface water drainage improvements and seeks approval for expenditure in the total sum of £65,000 with the approved Capital Programme for 2022/23 in relation to this scheme.
Legal	None
Community Safety	None
Human Rights and Equalities	None
Sustainability and Environmental Impact	None
Health & Safety and Risk Management	None

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BACKGROUND PAPERS		
Name of document	Date	Where available for inspection

Appendix 1 & 2 Overview drawings of the works TS18015-001 & 002 General Arrangement Plans, Staining Riparian SW Remedials Works