



## **ATTACHMENT B.2.2:**

# **MAP 3 - WWTP SITE LOCATION PLAN & LAYOUT**



NOTES  
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- LEGEND**
- ▭ WwTP SITE BOUNDARY
  - WASTE WATER PROCESS PIPELINES
  - OVERFLOW PIPELINE
  - OUTFALL PIPELINE
  - X SW001 - PRIMARY DISCHARGE LOCATION
  - ◆ iSW001(s) - INFLUENT PRIMARY DISCHARGE SAMPLING LOCATION
  - ◆ eSW001(s) - EFFLUENT PRIMARY DISCHARGE SAMPLING LOCATION

POINT	EASTING	NORTHING
SW001	157530	098140
iSW001(s)	157230	097958
eSW001(s)	157396	098029

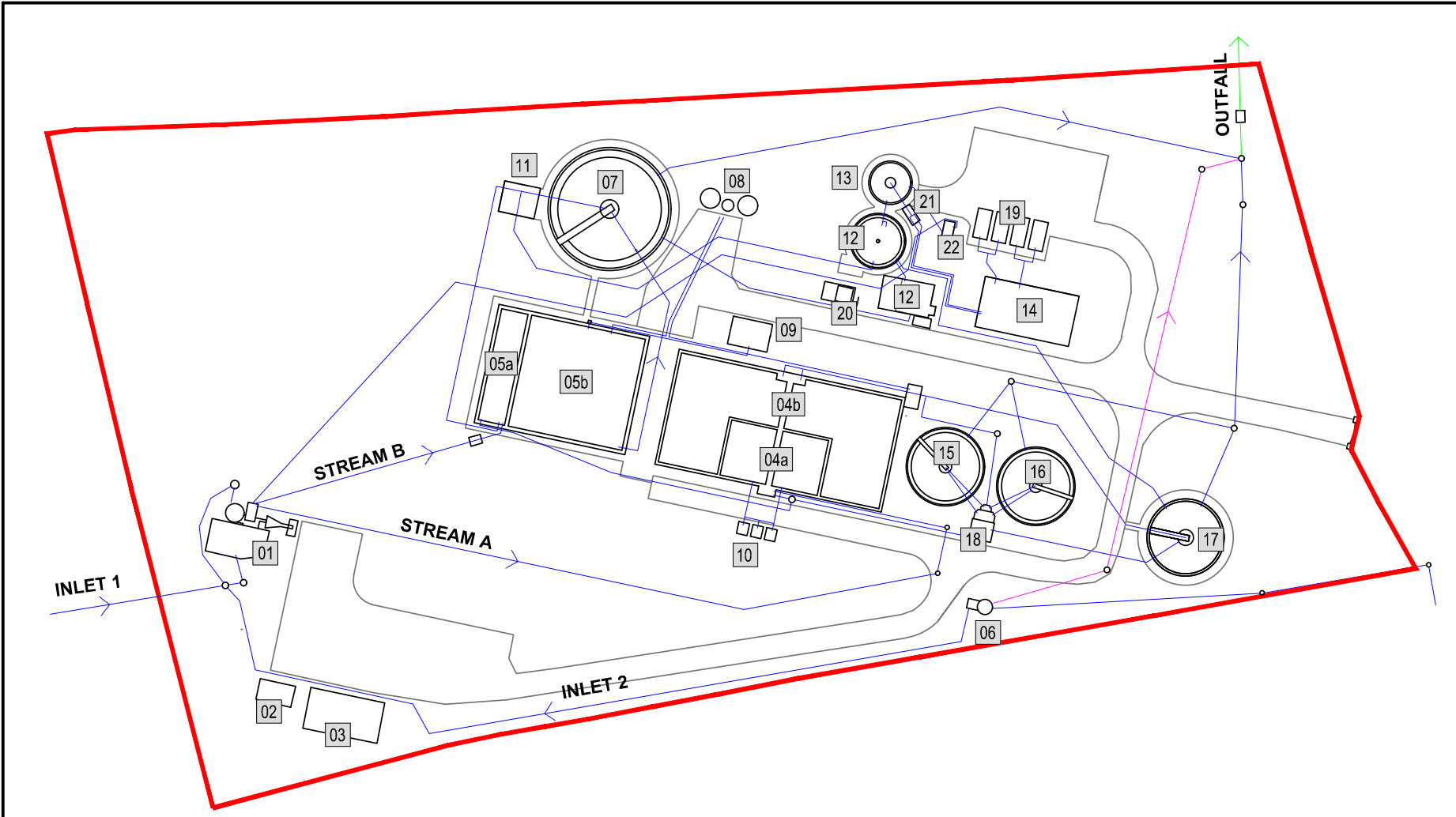
SIGNED : \_\_\_\_\_

PRINT NAME : \_\_\_\_\_

POSITION : \_\_\_\_\_

DATE : \_\_\_\_\_

FOR IRISH WATER



- |                              |                         |                                |                       |
|------------------------------|-------------------------|--------------------------------|-----------------------|
| 01. INLET WORKS              | 06. INLET 2 PUMP SUMP   | 13. PICKET FENCE THICKENER     | 20. ODOUR CONTROL     |
| 02. ESB SUB STATION          | 07. SETTLING TANK No.4  | 14. SLUDGE DEWATERING BUILDING | 21. SLUDGE PUMPS      |
| 03. CONTROL BUILDING         | 08. CHEMICAL DOSING     | 15. SETTLING TANK No.1         | 22. SUPERNATANT PUMPS |
| 04a. STREAM A ANOXIC TANKS   | 09. AIR BLOWER BUILDING | 16. SETTLING TANK No.2         |                       |
| 04b. STREAM A AERATION TANK  | 10. AIR BLOWER UNITS    | 17. SETTLING TANK No.3         |                       |
| 05a. STREAM B ANOXIC TANKS   | 11. RAS / WAS PUMPS     | 18. FLOW SPLITTING CHAMBER     |                       |
| 05b. STREAM B AERATION TANKS | 12. SLUDGE HOLING TANKS | 19. SKIP LOADING AREA          |                       |

**WASTE WATER TREATMENT PLANT - SITE LAYOUT PLAN**  
 NOT TO SCALE

REV	DATE	DESCRIPTION	D	C	A

**DISCHARGE LICENCE**

CLIENT  
**IRISH WATER**  
 Cahill House,  
 24-26 Talbot Street,  
 Dublin 1.  
 Tel. 1890 278 278 Web. www.water.ie

PROJECT  
**MALLOW**  
**WASTE WATER DISCHARGE**  
**LICENCE APPLICATION**

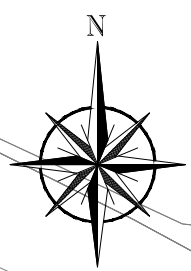
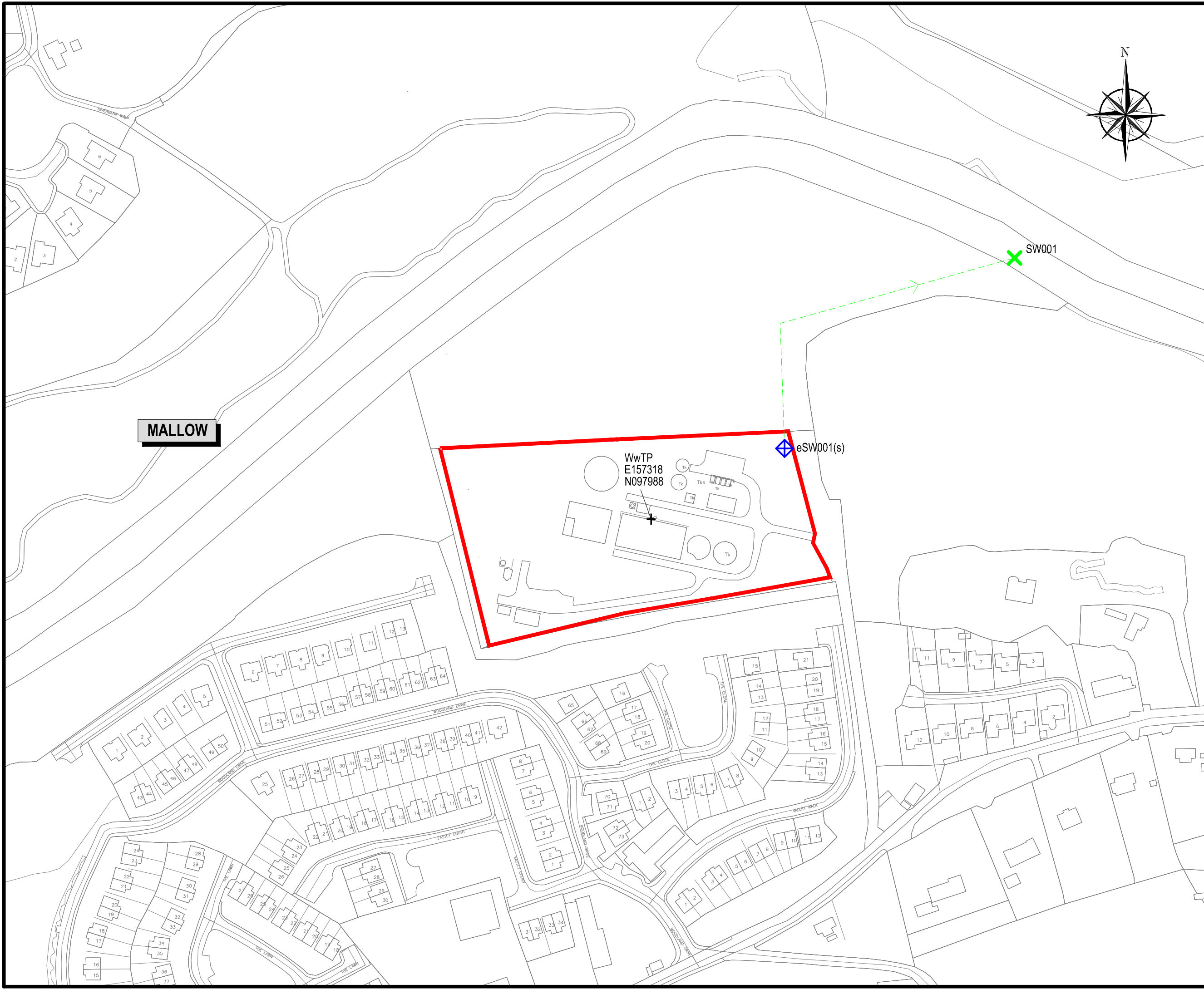
TITLE  
**MAP 3**  
**WwTP SITE LOCATION PLAN**

SCALES 1:5,000	DRAWN D. Smithers	DATE 17.08.2022
CAD REFERENCE 20893-NOD-WWDL-06	ATTACHMENT B.2.2	REV -



## **ATTACHMENT B.2.2:**

### **MAP 4 - LOCATION OF PRIMARY DISCHARGE POINT & SAMPLING LOCATION**



NOTES  
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- LEGEND**
- ▭ WwTP SITE BOUNDARY
  - OUTFALL PIPELINE
  - + SW001 - PRIMARY DISCHARGE LOCATION
  - ◆ eSW001(s) - PRIMARY DISCHARGE SAMPLING LOCATION

POINT	EASTING	NORTHING
SW001	157530	098140
eSW001(s)	157396	098029

**MALLOW**

WwTP  
 E157318  
 N097988

eSW001(s)

SW001

SIGNED: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

POSITION: \_\_\_\_\_

DATE: \_\_\_\_\_

FOR IRISH WATER

REV	DATE	DESCRIPTION	D	C	A

**DISCHARGE LICENCE**

CLIENT  
**IRISH WATER**  
 Colvill House,  
 24-26 Talbot Street,  
 Dublin 1.  
 Tel. 1890 278 278 Web. www.water.ie

PROJECT  
**MALLOW  
 WASTE WATER DISCHARGE  
 LICENCE APPLICATION**

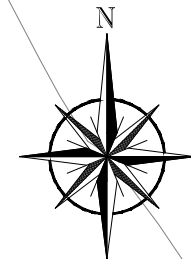
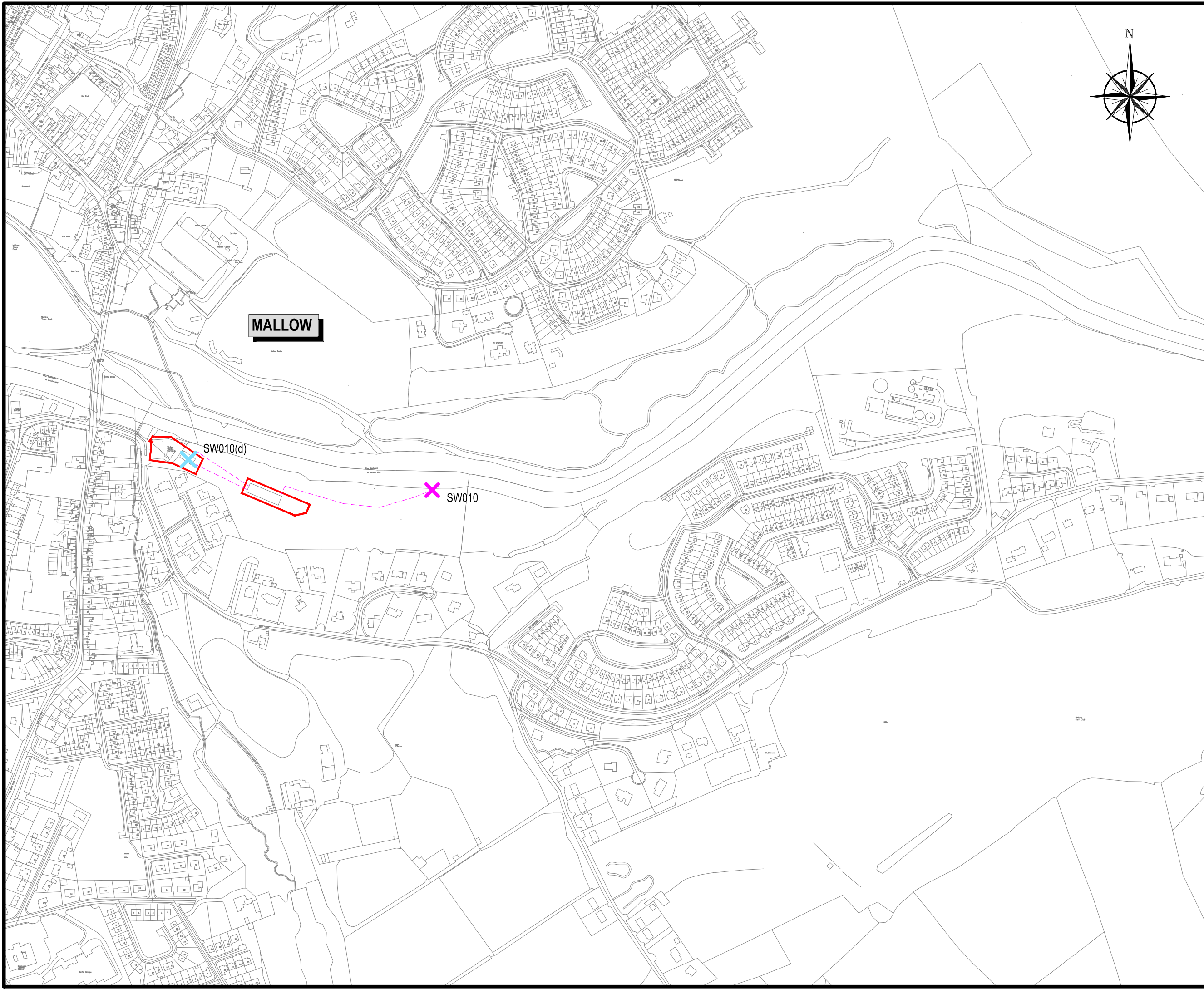
TITLE  
**MAP 4  
 LOCATION OF PRIMARY DISCHARGE POINT  
 & EFFLUENT SAMPLING POINT**

SCALES 1:2,000	DRAWN D. Smithers	DATE 11.10.2022
CAD REFERENCE 20893-NOD-WWDL-06	ATTACHMENT B.2.2	REV -



## **ATTACHMENT B.2.2:**

### **MAP 5 – LOCATION OF OVERFLOWS**



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**LEGEND**

- PS / STORM TANK SITE BOUNDARY
- OUTFALL PIPELINE
- X SW010 - DUAL FUNCTION OVERFLOW
- X SW010(d) - DUAL FUNCTION OVERFLOW DEVICE LOCATION

POINT	EASTING	NORTHING
SW010	156636	097862
SW010(d)	156276	097905

**MALLOW**

SW010(d)

SW010

SIGNED : \_\_\_\_\_

PRINT NAME : \_\_\_\_\_

POSITION : \_\_\_\_\_

DATE : \_\_\_\_\_

FOR IRISH WATER

REV	DATE	DESCRIPTION	D	C	A

**DISCHARGE LICENCE**

CLIENT  
**IRISH WATER**  
 Cahill House,  
 24-26 Talbot Street,  
 Dublin 1.  
 Tel. 1890 278 278 Web. www.water.ie

PROJECT  
**MALLOW  
 WASTE WATER DISCHARGE  
 LICENCE APPLICATION**

TITLE  
**MAP 5  
 LOCATION OF OVERFLOWS**

SCALES  
 1:5,000

DRAWN  
 D. Smithers

DATE  
 19.10.2022

CAD REFERENCE  
 20893-NOD-WWDL-06

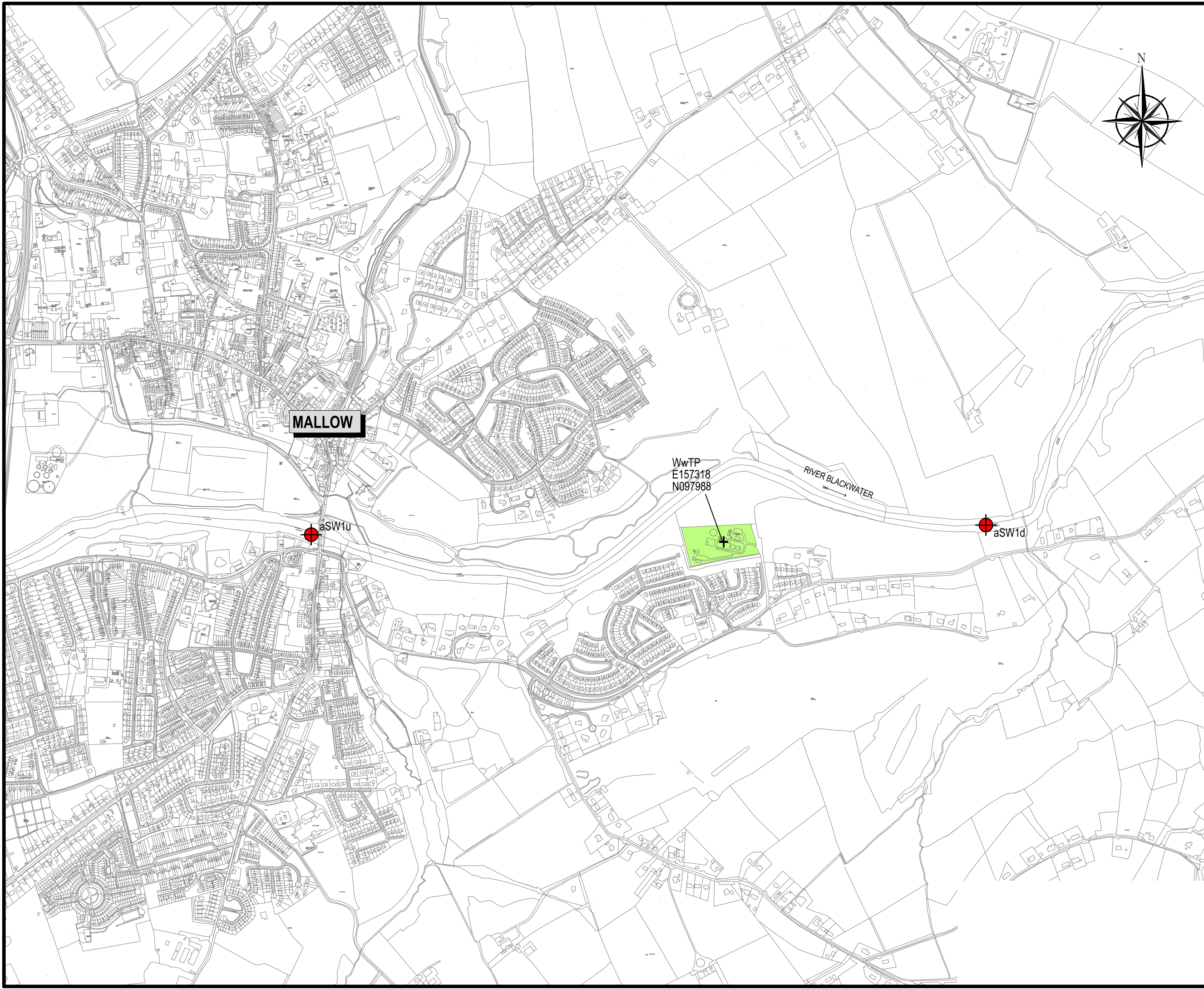
ATTACHMENT  
**B.2.2**

REV  
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## **ATTACHMENT B.2.2:**



# **MAP 6 – LOCATION AMBIENT MONITORING POINTS**



NOTES

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**LEGEND**

-  WwTP SITE LOCATION
-  aSW001x AMBIENT MONITORING LOCATION

POINT	EASTING	NORTHING
aSW1u	156117	098008
aSW1d	158083	098036

SIGNED : \_\_\_\_\_

PRINT NAME : \_\_\_\_\_

POSITION : \_\_\_\_\_

DATE : \_\_\_\_\_

FOR IRISH WATER

REV	DATE	DESCRIPTION	D	C	A

**DISCHARGE LICENCE**

CLIENT  **IRISH WATER**  
 Colvill House,  
 24-26 Talbot Street,  
 Dublin 1,  
 Tel. 1890 278 278 Web. www.water.ie

PROJECT **MALLOW  
 WASTE WATER DISCHARGE  
 LICENCE APPLICATION**

TITLE **MAP 6  
 LOCATION OF  
 AMBIENT MONITORING POINTS**

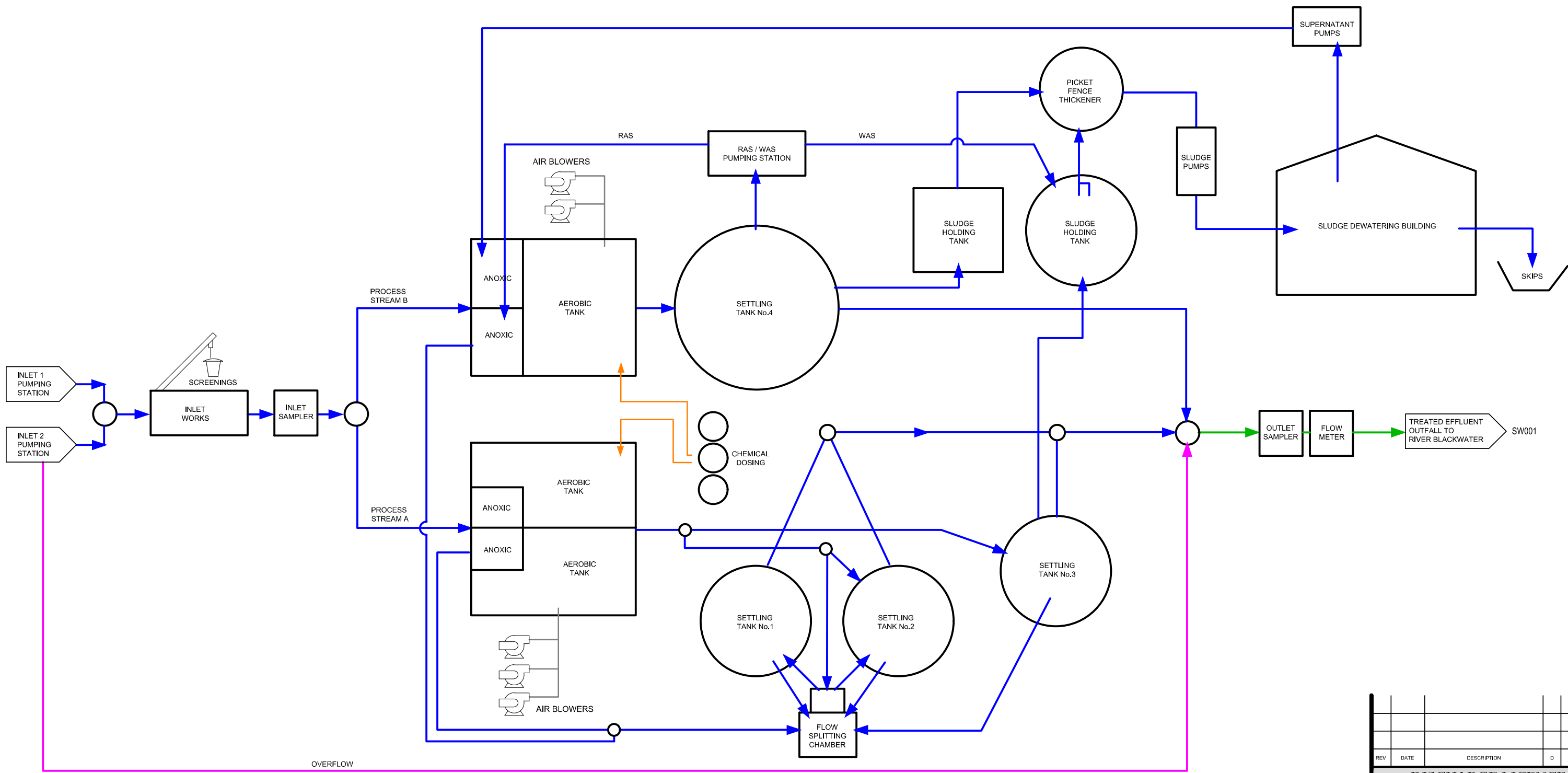
SCALES 1:10,000 DRAWN **D. Smithers**  
 DATE 26.10.2022

CAD REFERENCE 20893-NOD-WWDL-06 ATTACHMENT **B.2.2** REV -





**ATTACHMENT B.2.3:**  
**WASTE WATER PROCESS FLOW DIAGRAM**



REV	DATE	DESCRIPTION	D	C	A

**DISCHARGE LICENCE**

CLIENT  
 **IRISH WATER**  
 Cahill House,  
 24-26 Talbot Street,  
 Dublin 1.  
 Tel. 1890 278 278 Web. www.water.ie

PROJECT  
**MALLOW  
 WASTEWATER DISCHARGE  
 LICENCE APPLICATION**

TITLE  
**WASTE WATER  
 PROCESS FLOW DIAGRAM**

SCALES  
 N.T.S.

DRAWN  
 D. Smithers

DATE  
 17.08.2022

CAD REFERENCE  
 20893-NOD-WWDL-06

ATTACHMENT  
**B.2.3**

REV  
 -

SIGNED : \_\_\_\_\_

PRINT NAME : \_\_\_\_\_

POSITION : \_\_\_\_\_

DATE : \_\_\_\_\_

FOR IRISH WATER