

Appendix 11A: Biodiversity Maps



- ### Map Legend
-  Site Location
 -  WFD Catchments
 -  WFD SubCatchments
 -  Proposed Natural Heritage Area
 -  Natural Heritage Area

Microsoft product names and other registered with permission from Microsoft Corporation
© Ordnance Survey, Ireland. All rights reserved. Licence number: 0154/0000/2022



Nationally Designated Sites	
Project No: Castleisheen Wastewater Treatment Plant	
Scale:	Sheet No:
RW	RW
210711	Fig 11-1
Scale:	Date:
1:140000	06.05.2022



MKO
Planning and Environmental Consultants
The Mill, Mill Lane
210711, Mill Lane
4521-21-21, 210711
www.mkoc.com



Map Legend

-  Buildings and artificial surfaces
-  Amenity grassland (GA2)
-  Dry meadows and grassy verges (GS2)
-  Broadleaved woodland (WD1)
-  Scattered trees and parkland (WD5)
-  Drainage Ditches (FW4)
-  Tree lines (WL2)
-  Lower River Shannon SAC
-  Castle Troy WwTP Site Boundary



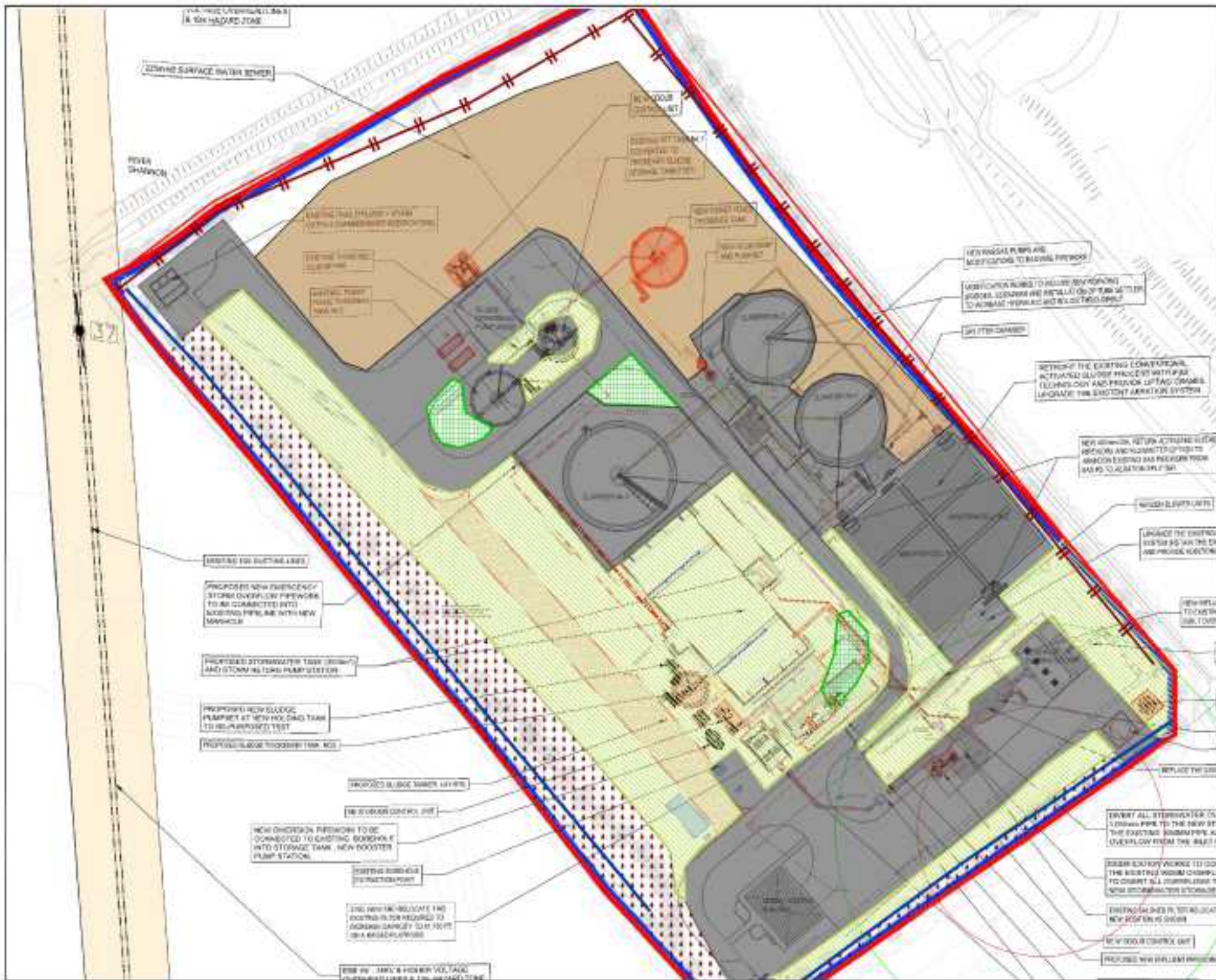
Microsoft product screens capture prepared with permission from Microsoft Corporation.
 00000103 Sample Robert Lower Valley, AR 90025200-01000000
 © 2022 Microsoft Government of Ireland

Habitat Map

Project No: Castle Troy Wastewater Treatment Plant	
Location: RW 210711	Category: RW Fig II-10
Scale: 1:1,400	Date: 06.05.2022



MKO
 Planning and Environmental Consultants
 Tully Road, Limerick
 6800, MKO, W31H
 +353 (0)1456 715611
 info@mkocorp.com
 www.mkocorp.com



- ### Map Legend
- Buildings and artificial surfaces
 - Amenity grassland (GA2)
 - Dry meadows and grassy verges (GS2)
 - Broadleaved woodland (WD1)
 - Scattered trees and parkland (WD5)
 - Drainage Ditches (FW4)
 - Tree Lines (WL2)
 - Lower River Shannon SAC
 - Castle Troiy WwTP Site Boundary

Microsoft product names are registered trademarks of Microsoft Corporation.
 © Overseas Survey Limited. All rights reserved. Licence number: CWSL503267113



Habitat Map Overlay



Project: **Castle Troiy Wastewater Treatment Plant**

RW	RW
210711	Fig 11-11
1:1,200	06.05.2022

MKO
 Planning and Environmental Consultants
 10000, MKO W01
 4250-1-11, 715-11
 and@mkoplanning.com
 www.mkoplanning.com



Map Legend

-  Site Boundary
-  Otter Survey Extent



Microsoft product screenshots captured with permission from Microsoft Corporation
 Otterbase Survey, Ireland License No. AB 00282015, Ordnance Survey Name/Name/Government of Ireland

Project Title

Castletroy Wastewater Treatment Plant

Drawn by:	Checked by:
RW	RW
210711	Fig 11-14
Scale:	Date:
1:1,800	06.05.2022



MKO
 Planning and
 Environmental
 Consultants
 25th Floor, 140 West
 Street, New York
 10038-3201, USA
 Tel: +1 212 714 1100
 Fax: +1 212 714 1101
 Email: info@mkocorp.com
 Website: www.mkocorp.com



Map Legend

- Site Boundary
- Badger Trail
- Sett Entrance



Drawing title

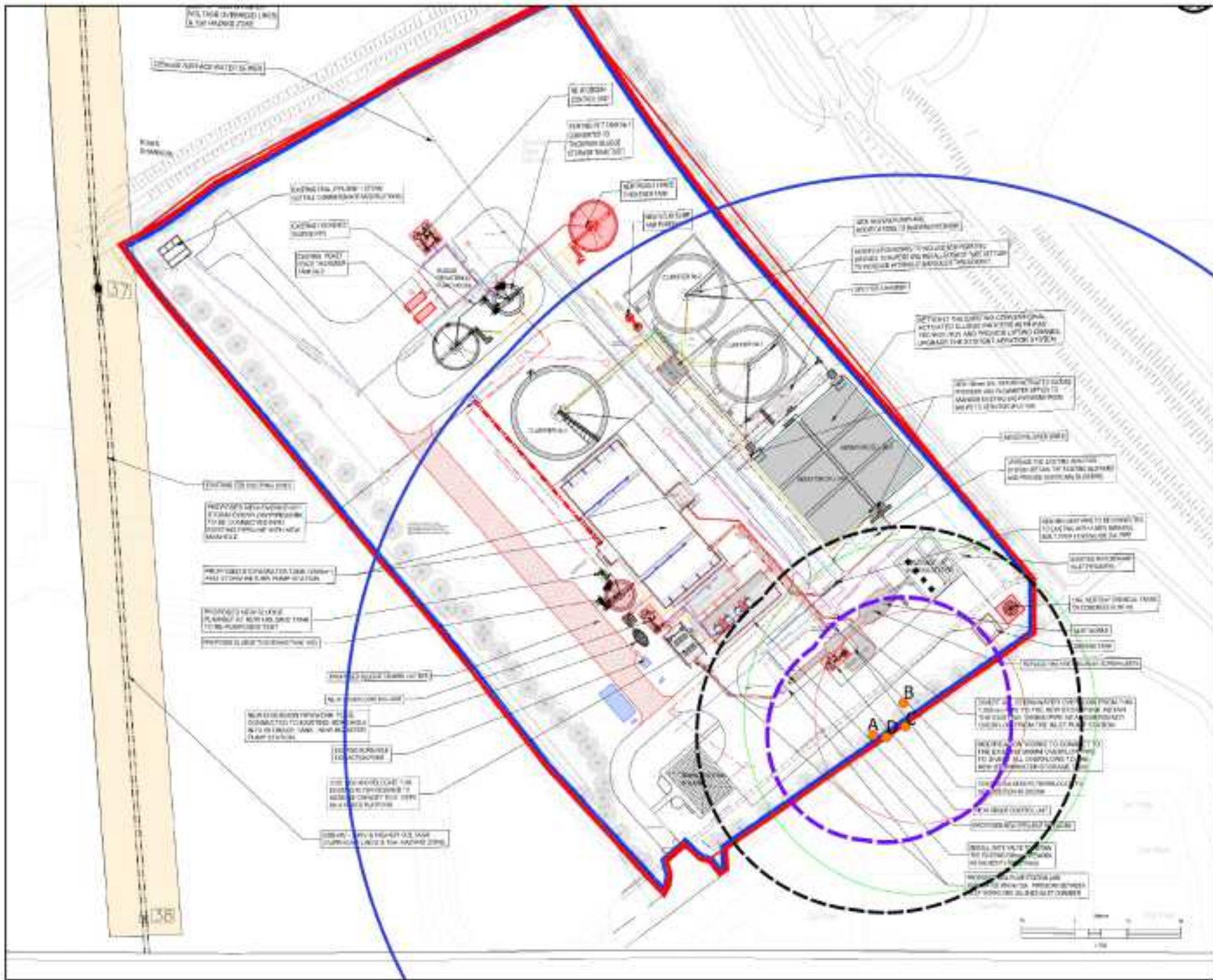
Badger sett

Project No: Castletroy Wastewater Treatment Plant	
Drawn By: RW	Checked By: RW
Project No: 210711	Drawing No: Fig 11-15
Scale: 1:1,800	Date: 06.05.2022



MKO
Planning and Environmental Consultants
Tara Road, Limerick
9400, MKO 0001
4527-21-21, 7156-22
mk@mkocorp.com
www.mkocorp.com

Microsoft product screenshots captured with permission from Microsoft Corporation
Outback Survey, Ireland License No. AB 00282015, Ordnance Survey Name/Government of Ireland



- ### Map Legend
-  Badger Sett 50m Buffer
 -  Badger Sett 30m Buffer
 -  Sett Entrance
 -  Site Boundary
 -  Badger Sett 150m Buffer

Microsoft product screen shots reprinted with permission from Microsoft Corporation
 © Orlanview Survey Ireland. All rights reserved. Licence number: CWM.50267547

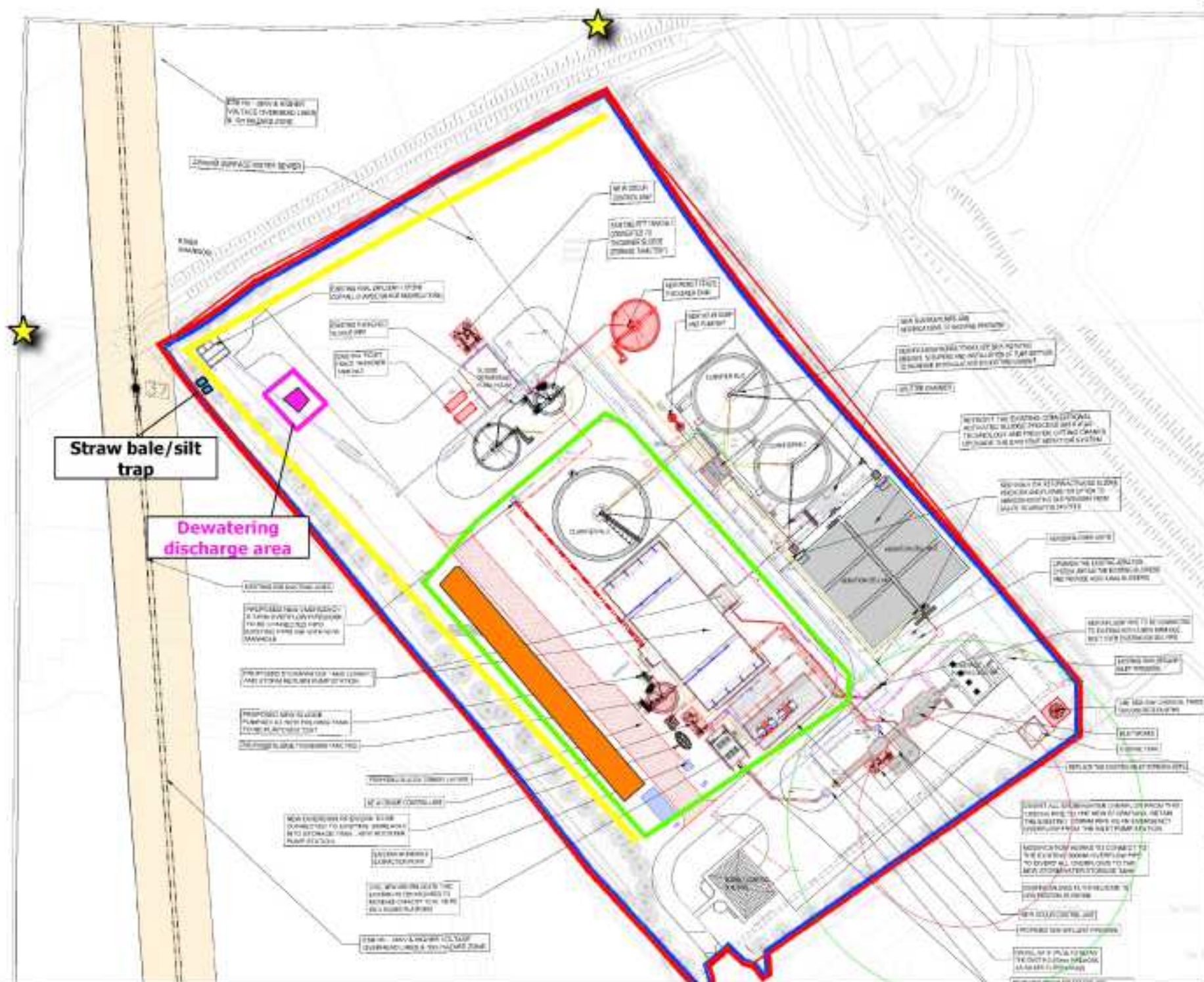


Badger Sett Buffers Overlay

Project: Badger Survey at Castleblay WWTP Limerick

Drawn by: RW	Checked by: RW
Project No: 210711	Figure No: Figure 11-20
Scale: 1:1,400	Date: 21.10.22

MKO
 Planning and Environmental Consultants
 10th Floor, 100 West Wall
 425-427 St. John's Road
 Dublin 10, Ireland
 Website: www.mkoc.com



- ### Map Legend
- Site Boundary
 - ★ Monitoring locations
 - Flood bund
 - Double silt fence
 - Dewatering discharge/silt bag area surrounded by silt fence
 - Raised compound area
 - Straw bales/silt trap

Microsoft product screen shots are used with permission from Microsoft Corporation
 © Ordnance Survey (data) © All rights reserved. Licence number: 01AL50007217

Indicative Pollution Prevention Measures

Castletroy Wastewater Treatment Plant

CLIENT:	RW	CLIENT:	RW
PROJECT NO:	210711	DRAWING NO:	Fig 11-21
SCALE:	1:1,400	DATE:	27.01.23

MKO
 Planning and Environmental Consultants
 Two First Floor
 200 G. Mt. View
 4251-1-11, 715-11
 Dublin 12, Ireland
 Website: www.mkoc.com