

Legend

- Red Line Development Boundary
- Habitats**
- ED3: Recolonising bare ground
- WL1: Hedgerows
- WL2: Treelines
- WS1: Scrub and GS2: Dry meadows and grassy verges
- WS1: Scrub and WD1: (Mixed) broadleaved woodland

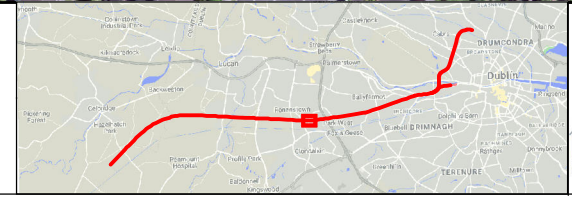


Data source: OSI, EPA



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Rev	Date	Drn	Chk'd	App'd	Description
v06	22/02/2023	NR	HF	MN	Habitat Mapping
v05	31/01/2023	NR	HF	MN	Habitat Mapping
v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ATKINS** (Member of the SNC-Lavalin Group) supported by **rps**

Date: 22/02/2023 Scale: 1:1,800 @ A3

Project Code: 5195886 Issuer: TTA

Drawn: NR Checked: HF Approved: MN

QMS Code

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 23 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Red Line Development Boundary
- Landtake Boundaries**
- Temporary
- Habitats**
- ED3: Recolonising bare ground
- WL1: Hedgerows
- WS1: Scrub and GS2: Dry meadows and grassy verges

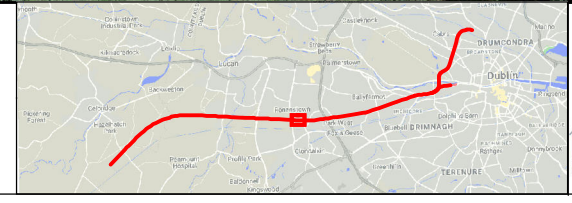


Data source: OSI, EPA



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Rev	Date	Dm	Ch'k'd	App'd	Description
v06	22/02/2023	NR	HF	MN	Habitat Mapping
v05	31/01/2023	NR	HF	MN	Habitat Mapping
v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **TVPSA**, **ATKINS**, **TPC RAIL**

Supported by: **rps**

Date: 22/02/2023 | Scale: 1:1,800 @ A3

Project Code: 5195886 | Issuer: TTA

Drawn: NR | Checked: HF | Approved: MN

QMS Code: _____

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 24 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Red Line Development Boundary
- Landtake Boundaries**
- Temporary
- Habitats**
- GS2: Dry meadows and grassy verges
- WL1: Hedgerows

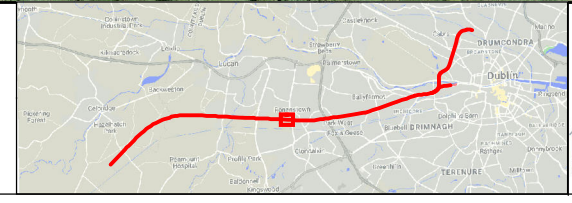


Data source: OSi, EPA



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		v04	21/12/2022	NR	HF	MN	Habitat Mapping
		v03	11/11/2022	NR	HF	MN	Habitat Mapping
		v02	08/09/2022	NR	HF	MN	Habitat Mapping
		v01	20/05/2022	NR	HF	MN	Habitat Mapping

		Engineering Designer 				
Client Supported by:		Date	Scale	Drawn	Checked	Approved
Project Code 5195886		22/02/2023	1:1,800 @ A3	NR	HF	MN
Issuer TTA		QMS Code				

Project Title		DART + SOUTH WEST	
Drawing Title		Habitats and Invasive Alien Plant Species (Map 25 of 44)	
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

 Red Line Development Boundary

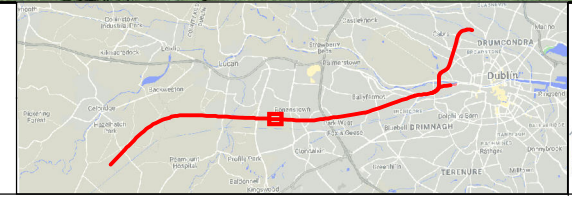


Data source: OSi, EPA





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v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client:  Iarnród Éireann Irish Rail

Engineering Designer:  ATKINS

Supported by:  RPS

Date: 22/02/2023 Scale: 1:1,800 @ A3

Project Code: 5195886 Issuer: TTA

Drawn: NR Checked: HF Approved: MN

QMS Code: _____

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 26 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Red Line Development Boundary
- Landtake Boundaries**
- Temporary
- Habitats**
- WL1: Hedgerows

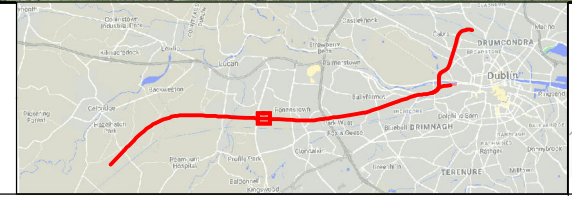


Data source: OSi, EPA



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v05	31/01/2023	NR	HF	MN	Habitat Mapping
v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ATKINS** (Member of the SNC-Lavalin Group)

Supported by: **rps**

Date: 22/02/2023 | Scale: 1:1,800 @ A3

Project Code: 5195886 | Issuer: TTA

Drawn: NR | Checked: HF | Approved: MN

QMS Code: _____

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 27 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

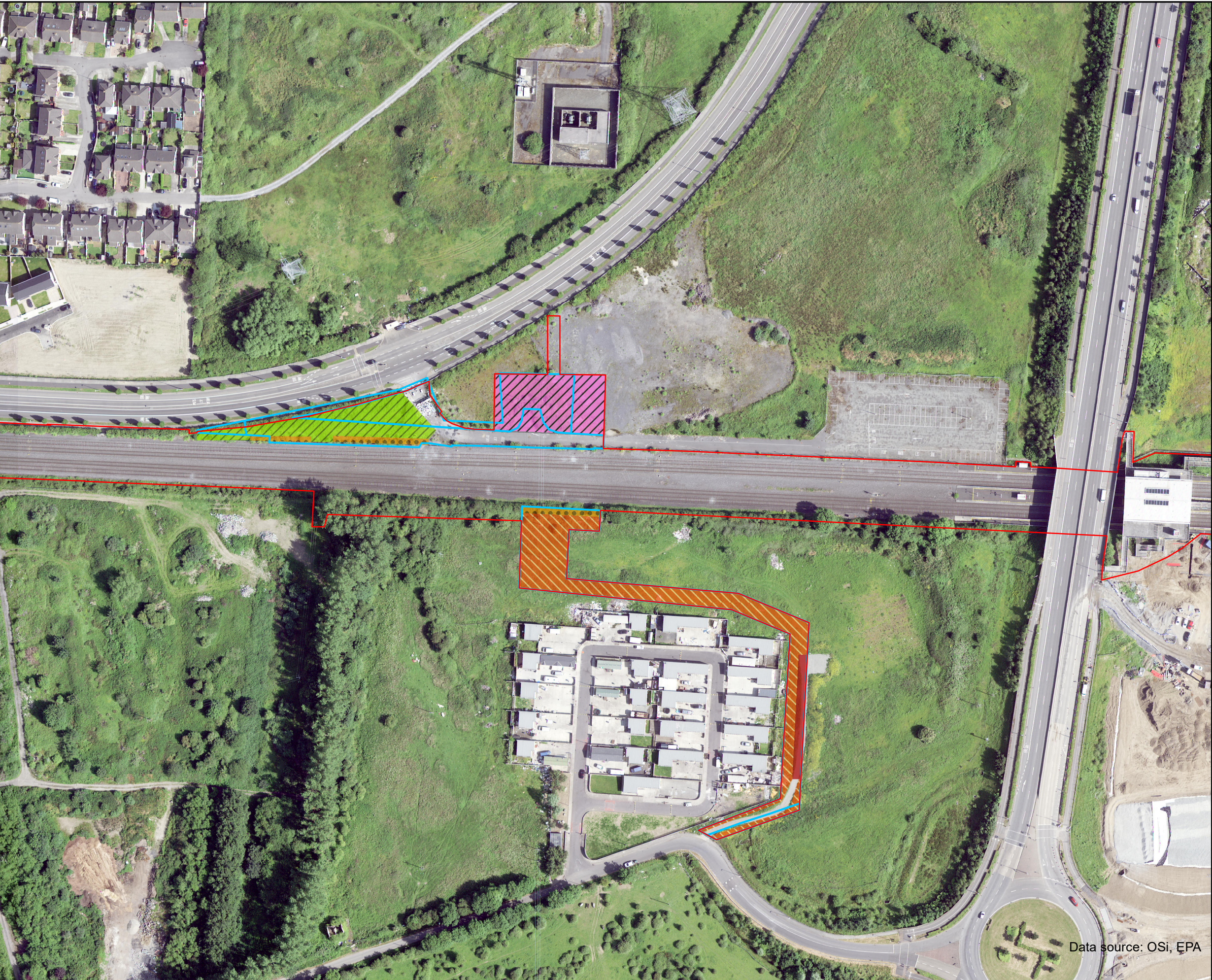
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Red Line Development Boundary
- Landtake Boundaries**
- Temporary
- Habitats**
- ED3: Recolonising bare ground
- ED3: Recolonising bare ground and ED5: Refuse and other waste and WS1 Scrub
- GS2: Dry meadows and grassy verges
- WL1: Hedgerows
- WS1: Scrub and GS2: Dry meadows and grassy verges

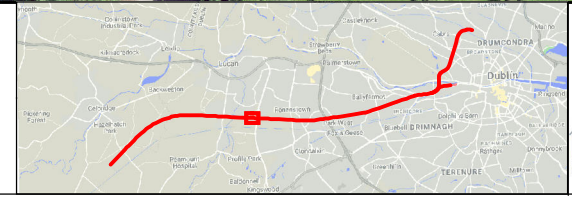


Data source: OSi, EPA



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Rev	Date	Drn	Ch'kd	App'd	Description
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v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client Iarnród Éireann Irish Rail		Engineering Designer TVPSA ATKINS Member of the SNC-Lavalin Group Supported by: rps		
Date 22/02/2023	Scale 1:1,800 @ A3	Drawn NR	Checked HF	Approved MN
Project Code 5195886	Issuer TTA	QMS Code		

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 28 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version v06	Status S3

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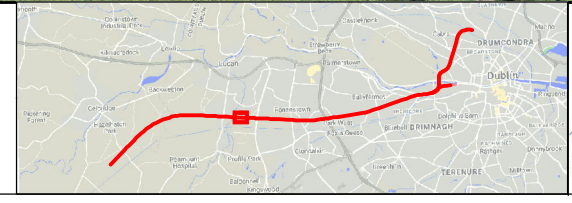
Legend

- Red Line Development Boundary
- Habitats**
- FL8: Other artificial lakes and ponds
- Water features**
- ↔ FW1: Eroding/upland rivers



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v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ATKINS** (Member of the SNC-Lavalin Group), supported by **rps**

Date: 22/02/2023 | Scale: 1:1,800 @ A3

Project Code: 5195886 | Issuer: TTA

Drawn: NR | Checked: HF | Approved: MN

QMS Code: _____

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 29 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Red Line Development Boundary
- Landtake Boundaries**
- Temporary
- Habitats**
- FL8: Other artificial lakes and ponds
- GS2: Dry meadows and grassy verges
- Water features**
- FW1: Eroding/upland rivers

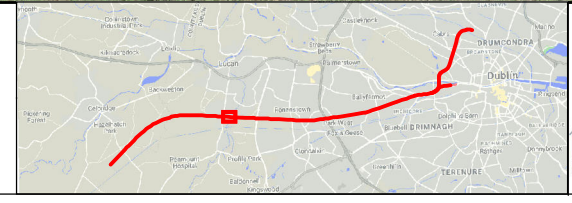


Data source: OSi, EPA



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v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client		Engineering Designer		
Iarnród Éireann Irish Rail		TYPSA	ATKINS	TUC RAIL
Date		Scale	Drawn	Checked
22/02/2023		1:1,800 @ A3	NR	HF
Project Code	Issuer	QMS Code		
5195886	TTA	Approved MN		

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 30 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	Status
		v06	S3

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Red Line Development Boundary
- Landtake Boundaries**
- Temporary
- Habitats**
- GS2: Dry meadows and grassy verges
- WL1: Hedgerows
- WS1: Scrub and GS2: Dry meadows and grassy verges

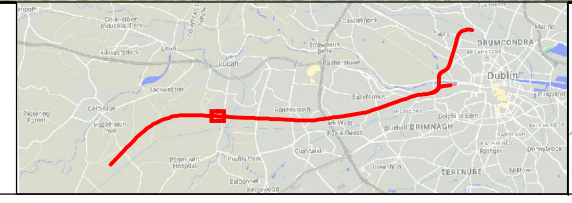


Data source: OSi, EPA



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v05	31/01/2023	NR	HF	MN	Habitat Mapping
v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client		Engineering Designer		
Iarnród Éireann Irish Rail				
Date: 22/02/2023		Supported by:		
Scale: 1:1,800 @ A3	Drawn: NR	Checked: HF	Approved: MN	
Project Code: 5195886	Issuer: TTA	QMS Code		

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 31 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend

- Red Line Development Boundary
- Water features**
- >>> FW2: Depositing/lowland rivers

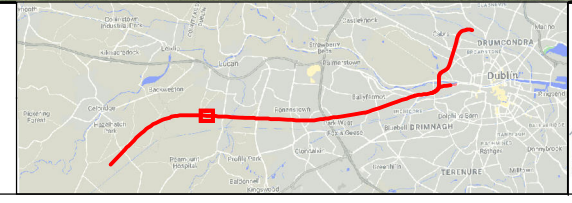


Data source: OSi, EPA



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v05	31/01/2023	NR	HF	MN	Habitat Mapping
v04	21/12/2022	NR	HF	MN	Habitat Mapping
v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ATKINS** (Member of the SNC-Lavalin Group) supported by **rps**

Date: 22/02/2023 | Scale: 1:1,800 @ A3

Project Code: 5195886 | Issuer: TTA

Drawn: NR | Checked: HF | Approved: MN

QMS Code: _____


Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 32 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

Legend


 Red Line Development Boundary

Habitats

 WS1: Scrub and GS2: Dry meadows and grassy verges

Water features

 FW2: Depositing/lowland rivers

 FW4: Drainage ditches

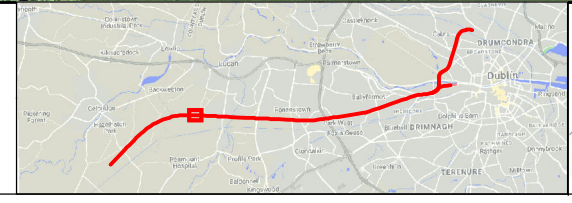


Data source: OSI EPA



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v03	11/11/2022	NR	HF	MN	Habitat Mapping
v02	08/09/2022	NR	HF	MN	Habitat Mapping
v01	20/05/2022	NR	HF	MN	Habitat Mapping

Client: **Iarnród Éireann Irish Rail**

Engineering Designer: **ATKINS** (Member of the SNC-Lavalin Group)

Supported by: **rps**

Date: 22/02/2023 Scale: 1:1,800 @ A3

Project Code: 5195886 Issuer: TTA

Drawn: NR Checked: HF Approved: MN

QMS Code:

Project Title	DART + SOUTH WEST		
Drawing Title	Habitats and Invasive Alien Plant Species (Map 33 of 44)		
Drawing File Name	DP-04-23-DWG-EV-TTA-23750	Version	v06
Status	S3		

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