



Appendix IV
Breeding Birds Survey Results

Appendix IV: Breeding Bird Vantage Point Survey Data

Table 1 - 2022 Breeding Bird Surveys conducted by Scott Cawley Ltd. along the Proposed Scheme

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/08/2022	ET	little egret	1	N/A	Non-breeder	Sea walls, piers and jetties	Feeding	4	HB
26/08/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	4	HB
26/08/2022	BH	black-headed gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		4	HB
26/08/2022	MG	magpie	1	Bird in suitable nesting habitat	Possible breeding	Sea walls, piers and jetties		4	HB
26/08/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying up dodder	4	HB
26/08/2022	CN	common tern	2	Bird in suitable nesting habitat	Possible breeding	Sea walls, piers and jetties	One male with full black cap, one with partial black cap	4	HB
26/08/2022	MS	mute swan	2	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		4	HB
26/08/2022	FP	feral pigeon	1	Bird in suitable nesting habitat	Possible breeding	Sea walls, piers and jetties		4	HB
26/08/2022	HG	herring gull	10	N/A	Non-breeder	Tidal rivers or lagoons	Feeding frenzy, person throwing food	4	HB
26/08/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	4	HB
26/08/2022	HC	hooded crow	1	Bird in suitable nesting habitat	Possible breeding	Built land (e.g. buildings and stonework)		4	HB
26/08/2022	BH	black-headed gull	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		4	HB
26/08/2022	B.	blackbird	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB
26/08/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB
26/08/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses		4	Cca
26/08/2022	SM	sand martin	1	Flying over	Non-breeder	Watercourses		4	Cca

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/08/2022	MS	mute swan	2	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		4	Cca
26/08/2022	MS	mute swan	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	Cca
26/08/2022	CN	common tern	1	Visiting probable nest site	Confirmed breeding	Sea walls, piers and jetties		4	Cca
26/08/2022	ET	little egret	1	N/A	Non-breeder	Watercourses	Feeding	4	HB
26/08/2022	CA	cormorant	1	N/A	Non-breeder	Watercourses	Foraging	4	HB
26/08/2022	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses		4	HB
26/08/2022	MG	magpie	1	Bird in suitable nesting habitat	Possible breeding	Watercourses		4	HB
26/08/2022	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying up dodder	4	HB
26/08/2022	CN	common tern	2	Bird in suitable nesting habitat	Possible breeding	Watercourses	One male with full black cap, one with partial black cap	4	HB
26/08/2022	MS	mute swan	2	Bird in suitable nesting habitat	Possible breeding	Watercourses		4	HB
26/08/2022	FP	feral pigeon	1	Bird in suitable nesting habitat	Possible breeding	Sea walls, piers and jetties		4	HB
26/08/2022	HG	herring gull	10	N/A	Non-breeder	Watercourses	Feeding frenzy, person throwing food	4	HB
26/08/2022	MS	mute swan	1	N/A	Non-breeder	Watercourses	On water	4	HB
26/08/2022	HC	hooded crow	1	Bird in suitable nesting habitat	Possible breeding	Watercourses		4	HB
26/08/2022	BH	black-headed gull	1	Bird in suitable nesting habitat	Possible breeding	Watercourses		4	HB
26/08/2022	B.	blackbird	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB
26/08/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB
26/08/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	Cca

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/08/2022	SM	sand martin	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	Cca
26/08/2022	MS	mute swan	2	Flying over	Non-breeder	Tidal rivers or lagoons		4	Cca
26/08/2022	MS	mute swan	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	Cca
26/08/2022	CN	common tern	1	Visiting probable nest site	Confirmed breeding	Tidal rivers or lagoons		4	Cca
22/07/2022	CN	common tern	3	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		2	HB
22/07/2022	SM	sand martin	1	Flying over	Non-breeder	Sea walls, piers and jetties		2	HB
22/07/2022	PW	pieb wagtail	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		2	HB
22/07/2022	SI	swift	1	Flying over	Non-breeder	Watercourses		2	HB
22/07/2022	CA	cormorant	2	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	CA	cormorant	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons		2	HB
22/07/2022	CN	common tern	2	Pair in suitable nesting habitat	Confirmed breeding	Tidal rivers or lagoons	Frequent vocalisations and pair interacting with each other	2	HB
22/07/2022	BH	black-headed gull	1	Flying over	Non-breeder	Sea walls, piers and jetties		2	HB
22/07/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	SI	swift	1	Flying over	Non-breeder	Sea walls, piers and jetties		2	HB
22/07/2022	GL	grey wagtail	2	Flying over	Non-breeder	Sea walls, piers and jetties		2	HB
22/07/2022	BH	black-headed gull	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	2	HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
22/07/2022	FP	feral pigeon	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		2	HB
22/07/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	CA	cormorant	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		2	HB
22/07/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	2	HB
22/07/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	On water	2	HB
22/07/2022	H.	grey heron	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		2	HB
22/07/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	2	HB
22/07/2022	CN	common tern	3	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		2	HB
22/07/2022	SM	sand martin	1	Flying over	Non-breeder	Sea walls, piers and jetties		2	HB
22/07/2022	PW	pied wagtail	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		2	HB
22/07/2022	SI	swift	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	CA	cormorant	2	Flying over	Non-breeder	Gardens or flower beds		2	HB
22/07/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Grassland - improved (dry)		2	HB
22/07/2022	CA	cormorant	1	Adult carrying food	Confirmed breeding	Built land (e.g. buildings and stonework)		2	HB
22/07/2022	CN	common tern	2	Pair in suitable nesting habitat	Confirmed breeding	Sea walls, piers and jetties	Frequent vocalisations and	2	HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							pair interacting with each other		
22/07/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	SI	swift	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		2	HB
22/07/2022	GL	grey wagtail	2	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	BH	black-headed gull	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	2	HB
22/07/2022	FP	feral pigeon	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	HG	herring gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		2	HB
22/07/2022	BH	black-headed gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		2	HB
22/07/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		2	HB
22/07/2022	CA	cormorant	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		2	HB
22/07/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	2	HB
22/07/2022	TY	black guillemot	2	N/A	Non-breeder	Built land (e.g. buildings and stonework)	On water	2	HB
22/07/2022	H.	grey heron	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		2	HB
22/07/2022	TY	black guillemot	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying upstream	2	HB
15/07/2022	SI	swift	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	1	Eob

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
15/07/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Floating on river liffey then flew west	1	Eob
15/07/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	Floating on river liffey.	1	Eob
15/07/2022	BH	black-headed gull	4	N/A	Non-breeder	Sea walls, piers and jetties	Feeding, on dry area of estuary	1	HB
15/07/2022	SM	sand martin	2	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	FP	feral pigeon	2	Bird in suitable nesting habitat	Possible breeding	Sea walls, piers and jetties		1	HB
15/07/2022	H.	grey heron	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding	1	HB
15/07/2022	GL	grey wagtail	1	Bird in suitable nesting habitat	Possible breeding	Built land (e.g. buildings and stonework)		1	HB
15/07/2022	HS	house sparrow	2	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	HS	house sparrow	5	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	SM	sand martin	1	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	MS	mute swan	2	N/A	Non-breeder	Tidal rivers or lagoons	In water	1	HB
15/07/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	1	HB
15/07/2022	MG	magpie	2	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		1	HB
15/07/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		1	HB
15/07/2022	HG	herring gull	1	Flying over	Non-breeder	Watercourses		1	HB
15/07/2022	HG	herring gull	25	N/A	Non-breeder	Tidal rivers or lagoons	Feed frenzy on bread	1	HB
15/07/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding, diving	1	HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
15/07/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding	1	HB
15/07/2022	BH	black-headed gull	5	N/A	Non-breeder	Tidal rivers or lagoons	5 on water	1	HB
15/07/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Sea walls, piers and jetties	2 flew into hole in wall just right of walkway in front of 3 arena	1	HB
15/07/2022	TY	black guillemot	2	N/A	Non-breeder	Gardens or flower beds	Diving, feeding	1	HB
15/07/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	1	HB
15/07/2022	GO	goldfinch	1	Singing male/breeding calls	Possible breeder	Gardens or flower beds	Goldfinch singing in tree	1	HB
15/07/2022	GB	great black-backed gull	2	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	SI	swift	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	1	Eob
15/07/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Floating on river liffey then flew west	1	Eob
15/07/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	Floating on river liffey.	1	Eob
15/07/2022	BH	black-headed gull	4	N/A	Non-breeder	Tidal rivers or lagoons	Feeding, on dry area of estuary	1	HB
15/07/2022	SM	sand martin	2	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	FP	feral pigeon	2	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		1	HB
15/07/2022	H.	grey heron	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding	1	HB
15/07/2022	GL	grey wagtail	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		1	HB
15/07/2022	HS	house sparrow	2	Flying over	Non-breeder	Sea walls, piers and jetties		1	HB

Natura Impact Statement (NIS)

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
15/07/2022	HS	house sparrow	5	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	SM	sand martin	1	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	MS	mute swan	2	N/A	Non-breeder	Tidal rivers or lagoons	In water	1	HB
15/07/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	1	HB
15/07/2022	MG	magpie	2	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		1	HB
15/07/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB
15/07/2022	HG	herring gull	1	Flying over	Non-breeder	Grassland - improved (dry)		1	HB
15/07/2022	HG	herring gull	25	N/A	Non-breeder	Tidal rivers or lagoons	Feed frenzy on bread	1	HB
15/07/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding, diving	1	HB
15/07/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding	1	HB
15/07/2022	BH	black-headed gull	5	N/A	Non-breeder	Tidal rivers or lagoons	5 on water	1	HB
15/07/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	2 flew into hole in wall just right of walkway in front of 3 arena	1	HB
15/07/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	Diving, feeding	1	HB
15/07/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	1	HB
15/07/2022	GO	goldfinch	1	Singing male/breeding calls	Possible breeder	Sea walls, piers and jetties	Goldfinch singing in tree	1	HB
15/07/2022	GB	great black-backed gull	2	Flying over	Non-breeder	Tidal rivers or lagoons		1	HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	HS	house sparrow	1	Singing male/breeding calls	Possible breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	CN	common tern	4	Nest with young seen or heard	Confirmed breeding	Tidal rivers or lagoons	2 chicks seen, one tern seen feeding chick	6	HB COB
29/06/2022	MS	mute swan	2	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying towards canal Dock	6	HB COB
29/06/2022	FP	feral pigeon	1	N/A	Non-breeder	Watercourses		6	HB COB
29/06/2022	SG	starling	2	Flying over	Non-breeder	Watercourses	Foraging	6	HB COB
29/06/2022	HG	herring gull	1	Flying over	Non-breeder	Watercourses		6	HB COB
29/06/2022	H.	grey heron	1	Flying over	Non-breeder	Watercourses	Flying up the Dodder	6	HB COB
29/06/2022	SG	starling	10	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		6	HB COB
29/06/2022	HC	hooded crow	1	Bird in suitable nesting habitat	Possible breeding	Watercourses		6	HB COB
29/06/2022	SM	sand martin	2	Flying over	Non-breeder	Watercourses		6	HB COB
29/06/2022	HG	herring gull	20	N/A	Non-breeder	Watercourses	Large group feeding on bread	6	HB COB
29/06/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Watercourses	Flying in dodder direction	6	HB COB
29/06/2022	B.	blackbird	1	Flying over	Non-breeder	Watercourses		6	HB COB
29/06/2022	MS	mute swan	5	N/A	Non-breeder	Built land (e.g. buildings and stonework)	On water	6	HB COB
29/06/2022	FP	feral pigeon	1	N/A	Non-breeder	Watercourses	Landed just on edge of the stone	6	HB COB
29/06/2022	MG	magpie	1	Flying over	Non-breeder	Watercourses		6	HB COB
29/06/2022	HS	house sparrow	2	Bird in suitable nesting habitat	Possible breeding	Built land (e.g. buildings and stonework)		6	HB COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Watercourses		6	HB COB
29/06/2022	SG	starling	2	N/A	Non-breeder	Watercourses	Foraging	6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Built land (e.g. buildings and stonework)	Diving, foraging all around dock	6	HB COB
29/06/2022	CA	cormorant	1	N/A	Non-breeder	Watercourses	Resting on perch	6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Watercourses	On water	6	HB COB
29/06/2022	WP	woodpigeon	1	N/A	Non-breeder	Watercourses		6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Watercourses	On water	6	HB COB
29/06/2022	HC	hooded crow	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		6	HB COB
29/06/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Chased off by terns	6	HB COB
29/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses		6	HB COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying upstream	6	HB COB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flying around area then landed in water	6	HB COB
29/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses		6	HB COB
29/06/2022	BH	black-headed gull	1	N/A	Non-breeder	Watercourses	On water	6	HB COB
29/06/2022	HG	herring gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		6	HB COB
29/06/2022	MG	magpie	1	Flying over	Non-breeder	Tidal rivers or lagoons	Landed under bridge	6	HB COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying downstream to bridge	6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	In water	6	HB COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	HS	house sparrow	1	N/A	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	HC	hooded crow	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		6	HB COB
29/06/2022	HC	hooded crow	1	N/A	Non-breeder	Sea walls, piers and jetties	Landed on structure	6	HB COB
29/06/2022	B.	blackbird	1	N/A	Non-breeder	Tidal rivers or lagoons	On grasss foraging	6	HB COB
29/06/2022	SM	sand martin	1	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons	Sand Martin flying along north wall, landed briefly in crack between bricks then flew off	6	HB COB
29/06/2022	BH	black-headed gull	2	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	FP	feral pigeon	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons	Flew into pipe hole in wall	6	HB COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Flew in from liffey, landed in water and began diving and foraging	6	HB COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	MS	mute swan	6	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB/HB
29/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	Carrying food - nesting downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew upstream	6	COB/HB
29/06/2022	CN	common tern	3	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Inside fenced area for most of the survey	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	MA	mallard	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flew towards Dodder	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew upstream from TCB	6	COB/HB
29/06/2022	LG	little grebe	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Circling	6	COB/HB
29/06/2022	CA	cormorant	3	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Flew towards hole then back down to water - then flew upstream	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Foraging - caught prey	6	COB/HB
29/06/2022	CN	common tern	1	Bird in suitable nesting habitat	Possible breeder	Sea walls, piers and jetties	Foraging and perched on	6	COB/HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							nearby ledge in fenced area		
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Gardens or flower beds	Near TCB	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew north	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Foraging	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Foraging - probably the same bird	6	COB
29/06/2022	SM	sand martin	1	Flying over	Non-breeder	Watercourses	Foraging	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	Foraging - probably same bird	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	Foraging	6	COB
29/06/2022	SM	sand martin	3	Flying over	Non-breeder	Watercourses		6	COB
29/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	Nesting nearby probably down Liffey	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging and flying back and forth to fenced area	6	COB
29/06/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Flew to Dodder Bridge area	6	COB
29/06/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	Flew west	6	COB
29/06/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	Flew towards Dodder bridge	6	COB
29/06/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	SM	sand martin	2	N/A	Non-breeder	Tidal rivers or lagoons	Perched	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew to Dodder Bridge area	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Flew to Dodder Bridge area	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flew back back to Dodder bridge	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	SM	sand martin	4	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flew back to Dodder bridge area	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Attacked juvenile HG	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	Flew towards Dodder bridge	6	COB
29/06/2022	CN	common tern	2	Alarm calls from adult i.e. suggesting nest/young nearby	Probable breeding	Tidal rivers or lagoons	Attacking a HC/alarm calls heard	6	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream	6	COB
29/06/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	Landed in water	6	COB
29/06/2022	CN	common tern	2	Pair in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons	Perched on wall - a lot of disturbance from shipping	6	COB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew downstream	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying low over river liffey in easterly direction	6	Eob Cca
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying approximately 20m above the surface of river liffey easterly direction	6	Eob Cca
29/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying approximately 30m above surface of river liffey	6	Eob Cca
29/06/2022	SM	sand martin	3	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons	Observed entering slits in wall on north side of river	6	Eob Cca

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							liffey. See photo 1 and 2.		
29/06/2022	MA	mallard	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	Eob Cca
29/06/2022	CA	cormorant	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying at approximately 30m above river liffey in westerly direction	6	Eob Cca
29/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Low level flight easterly direction	6	Eob Cca
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying low in westerly direction	6	Eob Cca
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying above the buildings northside of river liffey	6	Eob Cca
29/06/2022	PW	pied wagtail	1	N/A	Confirmed breeding	Tidal rivers or lagoons	Juvenile foraging on walkway	6	Eob Cca
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying low in an easterly direction over river liffey	6	Eob Cca
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Easterly direction flight path	6	Eob Cca
29/06/2022	HS	house sparrow	1	Singing male/breeding calls	Possible breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	CN	common tern	4	Nest with young seen or heard	Confirmed breeding	Tidal rivers or lagoons	2 chicks seen, one tern seen feeding chick	6	HB COB
29/06/2022	MS	mute swan	2	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying towards canal Dock	6	HB COB
29/06/2022	FP	feral pigeon	1	N/A	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	SG	starling	2	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	HB COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	H.	grey heron	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying up the Dodder	6	HB COB
29/06/2022	SG	starling	10	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	HC	hooded crow	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		6	HB COB
29/06/2022	SM	sand martin	2	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	HG	herring gull	20	N/A	Non-breeder	Tidal rivers or lagoons	Large group feeding on bread	6	HB COB
29/06/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying in dodder direction	6	HB COB
29/06/2022	B.	blackbird	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	MS	mute swan	5	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	FP	feral pigeon	1	N/A	Non-breeder	Tidal rivers or lagoons	Landed just on edge of the stone	6	HB COB
29/06/2022	MG	magpie	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	HS	house sparrow	2	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		6	HB COB
29/06/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	SG	starling	2	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Diving, foraging all around dock	6	HB COB
29/06/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Resting on perch	6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	WP	woodpigeon	1	N/A	Non-breeder	Tidal rivers or lagoons		6	HB COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	HC	hooded crow	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	Chased off by terns	6	HB COB
29/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	6	HB COB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying around area then landed in water	6	HB COB
29/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	BH	black-headed gull	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	MG	magpie	1	Flying over	Non-breeder	Tidal rivers or lagoons	Landed under bridge	6	HB COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying downstream to bridge	6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Watercourses	In water	6	HB COB
29/06/2022	HS	house sparrow	1	N/A	Non-breeder	Watercourses		6	HB COB
29/06/2022	HC	hooded crow	1	Bird in suitable nesting habitat	Possible breeding	Scrub/transitional woodland		6	HB COB
29/06/2022	HC	hooded crow	1	N/A	Non-breeder	Watercourses	Landed on structure	6	HB COB
29/06/2022	B.	blackbird	1	N/A	Non-breeder	Watercourses	On grasss foraging	6	HB COB
29/06/2022	SM	sand martin	1	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons	Sand Martin flying along north wall, landed briefly in crack between	6	HB COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							bricks then flew off		
29/06/2022	BH	black-headed gull	2	N/A	Non-breeder	Tidal rivers or lagoons	On water	6	HB COB
29/06/2022	FP	feral pigeon	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons	Flew into pipe hole in wall	6	HB COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	HB COB
29/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Flew in from liffey, landed in water and began diving and foraging	6	HB COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		6	COB/HB
29/06/2022	MS	mute swan	6	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB/HB
29/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	Carrying food - nesting downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flew upstream	6	COB/HB
29/06/2022	CN	common tern	3	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Inside fenced area for most of the survey	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	MA	mallard	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew towards Dodder	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream from TCB	6	COB/HB
29/06/2022	LG	little grebe	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons		6	COB/HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Circling	6	COB/HB
29/06/2022	CA	cormorant	3	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Flew towards hole then back down to water - then flew upstream	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging - caught prey	6	COB/HB
29/06/2022	CN	common tern	1	Bird in suitable nesting habitat	Possible breeder	Built land (e.g. buildings and stonework)	Foraging and perched on nearby ledge in fenced area	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB/HB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Near TCB	6	COB/HB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew north	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Foraging	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging - probably the same bird	6	COB
29/06/2022	SM	sand martin	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging - probably same bird	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	SM	sand martin	3	Flying over	Non-breeder	Sea walls, piers and jetties		6	COB
29/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	Nesting nearby probably down Liffey	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging and flying back and forth to fenced area	6	COB
29/06/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flew to Dodder Bridge area	6	COB
29/06/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	Flew west	6	COB
29/06/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	Flew towards Dodder bridge	6	COB
29/06/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	SM	sand martin	2	N/A	Non-breeder	Sea walls, piers and jetties	Perched	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew to Dodder Bridge area	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Flew to Dodder Bridge area	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flew back back to Dodder bridge	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Foraging	6	COB
29/06/2022	SM	sand martin	4	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Foraging	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Flew back to Dodder bridge area	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Attacked juvenile HG	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Built land (e.g. buildings and stonework)	Flew towards Dodder bridge	6	COB
29/06/2022	CN	common tern	2	Alarm calls from adult i.e. suggesting nest/young nearby	Probable breeding	Tidal rivers or lagoons	Attacking a HC/alarm calls heard	6	COB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream	6	COB
29/06/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	Landed in water	6	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
29/06/2022	CN	common tern	2	Pair in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons	Perched on wall - a lot of disturbance from shipping	6	COB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	COB
29/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	6	COB
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying low over river liffey in easterly direction	6	Eob Cca
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying approximately 20m above the surface of river liffey easterly direction	6	Eob Cca
29/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying approximately 30m above surface of river liffey	6	Eob Cca
29/06/2022	SM	sand martin	3	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons	Observed entering slits in wall on north side of river liffey. See photo 1 and 2.	6	Eob Cca
29/06/2022	MA	mallard	1	Flying over	Non-breeder	Tidal rivers or lagoons		6	Eob Cca
29/06/2022	CA	cormorant	2	Flying over	Non-breeder	Sea walls, piers and jetties	Flying at approximately 30m above river	6	Eob Cca

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							liffey in westerly direction		
29/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Sea walls, piers and jetties	Low level flight easterly direction	6	Eob Cca
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying low in westerly direction	6	Eob Cca
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Grassland - improved (dry)	Flying above the buildings northside of river liffey	6	Eob Cca
29/06/2022	PW	pied wagtail	1	N/A	Confirmed breeding	Tidal rivers or lagoons	Juvenile foraging on walkway	6	Eob Cca
29/06/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying low in an easterly direction over river liffey	6	Eob Cca
29/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Easterly direction flight path	6	Eob Cca
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	From canal up river to W	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying E	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying W	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying E	5	SS CCa
16/06/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming and diving	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying W	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Circling then flying E	5	SS CCa
16/06/2022	HG	herring gull	6	Flying over	Non-breeder	Tidal rivers or lagoons	Circling then flying W	5	SS CCa
16/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying S to canal	5	SS CCa
16/06/2022	FP	feral pigeon	1	Bird in suitable nesting habitat	Possible breeding	Sea walls, piers and jetties	Flying into round hole W of boardwalk	5	SS CCa

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							previously often used by TY		
16/06/2022	CN	common tern	3	Bird in suitable nesting habitat	Confirmed breeding	Sea walls, piers and jetties	3 birds perched - 2 on wooden fence, 1 in vegetation	5	SS CCa
16/06/2022	SM	sand martin	5	Flying over	Non-breeder	Tidal rivers or lagoons	Flying back and forth W to E	5	SS CCa
16/06/2022	B.	blackbird	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons		5	SS CCa
16/06/2022	CN	common tern	2	Adult carrying food	Confirmed breeding	Sea walls, piers and jetties	One circling with food, followed by second. Both land in vegetation	5	SS CCa
16/06/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	SS CCa
16/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	Flying from N with food to land in vegetation	5	SS CCa
16/06/2022	CN	common tern	5	Flying over	Non-breeder	Tidal rivers or lagoons	Circling area then landing in vegetation	5	SS CCa
16/06/2022	B.	blackbird	2	Adult carrying food	Confirmed breeding	Sea walls, piers and jetties		5	SS CCa
16/06/2022	SG	starling	3	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons		5	SS CCa
16/06/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Two individuals flew from point one to this point.	5	SS CCa
16/06/2022	MS	mute swan	2	N/A	Non-breeder	Built land (e.g. buildings and stonework)	Swimming	5	SS CCa
16/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Circling and returning to ledge to N	5	SS CCa
16/06/2022	HG	herring gull	8	Flying over	Non-breeder	Tidal rivers or lagoons	Circling then flying W	5	SS CCa
16/06/2022	CN	common tern	3	Flying over	Non-breeder	Sea walls, piers and jetties	Circling and returning to ledge	5	SS CCa

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying E then returning to ledge	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying from N and landing on water	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying NE	5	SS CCa
16/06/2022	CN	common tern	3	Adult carrying food	Confirmed breeding	Sea walls, piers and jetties	One flying from N with food and landing in vegetation	5	SS CCa
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Sea walls, piers and jetties	Swimming	5	SS CCa
16/06/2022	MS	mute swan	2	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	SS CCa
16/06/2022	HG	herring gull	4	Flying over	Non-breeder	Watercourses	Circling then flying S	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying E	5	SS CCa
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Watercourses	Swimming	5	SS CCa
16/06/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Sea walls, piers and jetties	Landed in hole E of boardwalk	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying from E out W under bridge	5	SS CCa
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Sea walls, piers and jetties	Swimming in front of hole E of boardwalk	5	SS CCa
16/06/2022	TY	black guillemot	4	Visiting probable nest site	Probable breeding	Watercourses	Swimming then 3 flew W and 1 flew into hole E of boardwalk	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying E over bridge	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying S	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying E over bridge from S near canal area	5	SS CCa
16/06/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons	Male and female flying from S and	5	SS CCa

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							landing in water. Foraging along bank		
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	SS CCa
16/06/2022	MS	mute swan	2	Flying over	Non-breeder	Sea walls, piers and jetties		5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties		5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew upstream	5	COB/HB
16/06/2022	SM	sand martin	10	Adult entering or leaving nest site	Confirmed breeding	Sea walls, piers and jetties		5	COB/HB
16/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Foraging near suitable breeding habitat - then flew upstream	5	COB/HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew upstream	5	COB/HB
16/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream, one landed near Tom Clarke Bridge other flew out of sight	5	COB/HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream and landed near south quays	5	COB/HB
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		5	COB/HB
16/06/2022	HG	herring gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		5	COB/HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	HG	herring gull	1	N/A	Non-breeder	Tidal rivers or lagoons	Perched on Cill Airne	5	COB/HB
16/06/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	COB/HB
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Sea walls, piers and jetties	Foraging near suitable nesting habitat	5	COB/HB
16/06/2022	LB	lesser black-backed gull	2	N/A	Non-breeder	Tidal rivers or lagoons	Loafing	5	COB/HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flew downstream	5	COB/HB
16/06/2022	TY	black guillemot	1	N/A	Possible breeder	Sea walls, piers and jetties	Flew and landed in water	5	COB/HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying downstream	5	COB/HB
16/06/2022	HC	hooded crow	1	Flying over	Non-breeder	Sea walls, piers and jetties		5	COB/HB
16/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Flying downstream and then landed in water at point	5	COB/HB
16/06/2022	TY	black guillemot	2	N/A	Possible breeder	Tidal rivers or lagoons	In water	5	COB/HB
16/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB/HB
16/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB/HB
16/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Flying downstream landed near South wall	5	COB/HB
16/06/2022	TY	black guillemot	1	N/A	Possible breeder	Tidal rivers or lagoons	In water	5	COB/HB
16/06/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	In water	5	COB HB
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	In water then fly downstream	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying upstream	5	COB HB
16/06/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying downst	5	COB HB
16/06/2022	HG	herring gull	2	Flying over	Non-breeder	Tidal rivers or lagoons		5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying downstream	5	COB HB
16/06/2022	LI	linnet	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying across river from South to North	5	COB HB
16/06/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	In water	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB HB
16/06/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	In water	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB HB
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	From canal up river to W	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying E	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying W	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying E	5	SS CCa

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming and diving	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying W	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Circling then flying E	5	SS CCa
16/06/2022	HG	herring gull	6	Flying over	Non-breeder	Tidal rivers or lagoons	Circling then flying W	5	SS CCa
16/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses	Flying S to canal	5	SS CCa
16/06/2022	FP	feral pigeon	1	Bird in suitable nesting habitat	Possible breeding	Watercourses	Flying into round hole W of boardwalk previously often used by TY	5	SS CCa
16/06/2022	CN	common tern	3	Bird in suitable nesting habitat	Confirmed breeding	Watercourses	3 birds perched - 2 on wooden fence, 1 in vegetation	5	SS CCa
16/06/2022	SM	sand martin	5	Flying over	Non-breeder	Watercourses	Flying back and forth W to E	5	SS CCa
16/06/2022	B.	blackbird	1	Adult carrying food	Confirmed breeding	Watercourses		5	SS CCa
16/06/2022	CN	common tern	2	Adult carrying food	Confirmed breeding	Watercourses	One circling with food, followed by second. Both land in vegetation	5	SS CCa
16/06/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	SS CCa
16/06/2022	CN	common tern	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	Flying from N with food to land in vegetation	5	SS CCa
16/06/2022	CN	common tern	5	Flying over	Non-breeder	Tidal rivers or lagoons	Circling area then landing in vegetation	5	SS CCa
16/06/2022	B.	blackbird	2	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons		5	SS CCa
16/06/2022	SG	starling	3	Adult carrying food	Confirmed breeding	Sea walls, piers and jetties		5	SS CCa

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Two individuals flew from point one to this point.	5	SS CCa
16/06/2022	MS	mute swan	2	N/A	Non-breeder	Sea walls, piers and jetties	Swimming	5	SS CCa
16/06/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Circling and returning to ledge to N	5	SS CCa
16/06/2022	HG	herring gull	8	Flying over	Non-breeder	Tidal rivers or lagoons	Circling then flying W	5	SS CCa
16/06/2022	CN	common tern	3	Flying over	Non-breeder	Sea walls, piers and jetties	Circling and returning to ledge	5	SS CCa
16/06/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying E then returning to ledge	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying from N and landing on water	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying NE	5	SS CCa
16/06/2022	CN	common tern	3	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	One flying from N with food and landing in vegetation	5	SS CCa
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	SS CCa
16/06/2022	MS	mute swan	2	N/A	Non-breeder	Sea walls, piers and jetties	Swimming	5	SS CCa
16/06/2022	HG	herring gull	4	Flying over	Non-breeder	Tidal rivers or lagoons	Circling then flying S	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying E	5	SS CCa
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	SS CCa
16/06/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	Landed in hole E of boardwalk	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying from E out W under bridge	5	SS CCa

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming in front of hole E of boardwalk	5	SS CCa
16/06/2022	TY	black guillemot	4	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	Swimming then 3 flew W and 1 flew into hole E of boardwalk	5	SS CCa
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Sea inlets and bays	Flying E over bridge	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea inlets and bays	Flying S	5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Sea inlets and bays	Flying E over bridge from S near canal area	5	SS CCa
16/06/2022	MA	mallard	2	Flying over	Non-breeder	Sea inlets and bays	Male and female flying from S and landing in water. Foraging along bank	5	SS CCa
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Sea inlets and bays	Swimming	5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea inlets and bays		5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea inlets and bays		5	SS CCa
16/06/2022	MS	mute swan	2	Flying over	Non-breeder	Sea inlets and bays		5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	SS CCa
16/06/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	SS CCa
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Open marine water	Flew upstream	5	COB/HB
16/06/2022	SM	sand martin	10	Adult entering or leaving nest site	Confirmed breeding	Tidal rivers or lagoons		5	COB/HB
16/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Foraging near suitable breeding	5	COB/HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							habitat - then flew upstream		
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream	5	COB/HB
16/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Open marine water	Flew downstream, one landed near Tom Clarke Bridge other flew out of sight	5	COB/HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Open marine water	Flew upstream and landed near south quays	5	COB/HB
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Open marine water		5	COB/HB
16/06/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	COB/HB
16/06/2022	HG	herring gull	1	N/A	Non-breeder	Tidal rivers or lagoons	Perched on Cill Airne	5	COB/HB
16/06/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	5	COB/HB
16/06/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging near suitable nesting habitat	5	COB/HB
16/06/2022	LB	lesser black-backed gull	2	N/A	Non-breeder	Tidal rivers or lagoons	Loafing	5	COB/HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	5	COB/HB
16/06/2022	TY	black guillemot	1	N/A	Possible breeder	Watercourses	Flew and landed in water	5	COB/HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying downstream	5	COB/HB
16/06/2022	HC	hooded crow	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	COB/HB
16/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	Flying downstream and then landed in water at point	5	COB/HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	TY	black guillemot	2	N/A	Possible breeder	Tidal rivers or lagoons	In water	5	COB/HB
16/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB/HB
16/06/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB/HB
16/06/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Sea walls, piers and jetties	Flying downstream landed near South wall	5	COB/HB
16/06/2022	TY	black guillemot	1	N/A	Possible breeder	Tidal rivers or lagoons	In water	5	COB/HB
16/06/2022	MS	mute swan	1	N/A	Non-breeder	Built land (e.g. buildings and stonework)	In water	5	COB HB
16/06/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying upstream	5	COB HB
16/06/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	In water then fly downstream	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying upstream	5	COB HB
16/06/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying downst	5	COB HB
16/06/2022	HG	herring gull	2	Flying over	Non-breeder	Tidal rivers or lagoons		5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying downstream	5	COB HB
16/06/2022	LI	linnet	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying across river from South to North	5	COB HB
16/06/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	In water	5	COB HB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew downstream	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flying upstream	5	COB HB
16/06/2022	TY	black guillemot	2	N/A	Non-breeder	Watercourses	In water	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying	5	COB HB
16/06/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	5	COB HB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	West	4	SB
26/05/2022	TY	black guillemot	4	N/A	Non-breeder	Watercourses	Swimming	4	SB
26/05/2022	HG	herring gull	10	Flying over	Non-breeder	Watercourses	Circling 10m, peak count	4	SB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	East, 10m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Watercourses	East, 10m	4	SB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Watercourses	East, 20m	4	SB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	West, 1m	4	SB
26/05/2022	FP	feral pigeon	3	Flying over	Non-breeder	Watercourses	North east, 30m	4	SB
26/05/2022	HG	herring gull	2	Flying over	Non-breeder	Sea walls, piers and jetties	South, 20m	4	SB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Watercourses	East, 10m	4	SB
26/05/2022	FP	feral pigeon	3	Flying over	Non-breeder	Watercourses	South west, 20m	4	SB
26/05/2022	MA	mallard	2	Flying over	Non-breeder	Watercourses	West, 10m	4	SB
26/05/2022	CA	cormorant	3	Flying over	Non-breeder	Watercourses	West, 20m	4	SB
26/05/2022	RO	rook	2	Flying over	Non-breeder	Tidal rivers or lagoons	South east, 20m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	West, 1m	4	SB
26/05/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons	North, 10m	4	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/05/2022	HG	herring gull	59	N/A	Non-breeder	Tidal rivers or lagoons	In water	4	SB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	West, 15m	4	SB
26/05/2022	D.	dunnock	1	Singing male/breeding calls	Possible breeder	Tidal rivers or lagoons		4	SB
26/05/2022	HG	herring gull	89	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	4	SB
26/05/2022	LB	lesser black-backed gull	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	4	SB
26/05/2022	HG	herring gull	4	Flying over	Non-breeder	Sea walls, piers and jetties	Circling 20m	4	SB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	West, 2m over bridge	4	SB
26/05/2022	HG	herring gull	6	Flying over	Non-breeder	Watercourses	Circling, 20m	4	SB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Tidal rivers or lagoons	North, 40m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	East, 50m	4	SB
26/05/2022	FP	feral pigeon	4	Flying over	Non-breeder	Tidal rivers or lagoons	North east, 30m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	East, 20m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties	Hunting	4	SB
26/05/2022	LI	linnet	2	Flying over	Non-breeder	Tidal rivers or lagoons	North, 10m	4	SB
26/05/2022	HG	herring gull	9	Flying over	Non-breeder	Sea walls, piers and jetties	Circling, 40m	4	SB
26/05/2022	FP	feral pigeon	5	Flying over	Non-breeder	Sea walls, piers and jetties	South, 10m	4	SB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	HG	herring gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		4	HB EOB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/05/2022	SM	sand martin	12	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons		4	HB EOB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying up stream	4	HB EOB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying downstream	4	HB EOB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	CN	common tern	1	Adult carrying food	Probable breeding	Tidal rivers or lagoons	Food in beak, flying upstream	4	HB EOB
26/05/2022	FP	feral pigeon	2	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying downstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying downstream	4	HB EOB
26/05/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	CA	cormorant	3	Flying over	Non-breeder	Gardens or flower beds	Flying upstream	4	HB EOB
26/05/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Grassland - improved (dry)	Flying over then landed on bank	4	HB EOB
26/05/2022	GO	goldfinch	1	Singing male/breeding calls	Possible breeder	Built land (e.g. buildings and stonework)	Heard in apartments behind	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying upstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/05/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		4	HB EOB
26/05/2022	CA	cormorant	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying over	4	HB EOB
26/05/2022	HC	hooded crow	2	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		4	HB EOB
26/05/2022	MA	mallard	3	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	West	4	SB
26/05/2022	TY	black guillemot	4	N/A	Non-breeder	Built land (e.g. buildings and stonework)	Swimming	4	SB
26/05/2022	HG	herring gull	10	Flying over	Non-breeder	Tidal rivers or lagoons	Circling 10m, peak count	4	SB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	East, 10m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	East, 10m	4	SB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Sea walls, piers and jetties	East, 20m	4	SB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	West, 1m	4	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/05/2022	FP	feral pigeon	3	Flying over	Non-breeder	Sea walls, piers and jetties	North east, 30m	4	SB
26/05/2022	HG	herring gull	2	Flying over	Non-breeder	Tidal rivers or lagoons	South, 20m	4	SB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Sea walls, piers and jetties	East, 10m	4	SB
26/05/2022	FP	feral pigeon	3	Flying over	Non-breeder	Tidal rivers or lagoons	South west, 20m	4	SB
26/05/2022	MA	mallard	2	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	West, 10m	4	SB
26/05/2022	CA	cormorant	3	Flying over	Non-breeder	Tidal rivers or lagoons	West, 20m	4	SB
26/05/2022	RO	rook	2	Flying over	Non-breeder	Tidal rivers or lagoons	South east, 20m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	West, 1m	4	SB
26/05/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons	North, 10m	4	SB
26/05/2022	HG	herring gull	59	N/A	Non-breeder	Tidal rivers or lagoons	In water	4	SB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	West, 15m	4	SB
26/05/2022	D.	duncock	1	Singing male/breeding calls	Possible breeder	Built land (e.g. buildings and stonework)		4	SB
26/05/2022	HG	herring gull	89	N/A	Non-breeder	Watercourses	Swimming	4	SB
26/05/2022	LB	lesser black-backed gull	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	4	SB
26/05/2022	HG	herring gull	4	Flying over	Non-breeder	Tidal rivers or lagoons	Circling 20m	4	SB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	West, 2m over bridge	4	SB
26/05/2022	HG	herring gull	6	Flying over	Non-breeder	Tidal rivers or lagoons	Circling, 20m	4	SB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Sea walls, piers and jetties	North, 40m	4	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Gardens or flower beds	East, 50m	4	SB
26/05/2022	FP	feral pigeon	4	Flying over	Non-breeder	Tidal rivers or lagoons	North east, 30m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Gardens or flower beds	East, 20m	4	SB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Hunting	4	SB
26/05/2022	LI	linnet	2	Flying over	Non-breeder	Tidal rivers or lagoons	North, 10m	4	SB
26/05/2022	HG	herring gull	9	Flying over	Non-breeder	Sea walls, piers and jetties	Circling, 40m	4	SB
26/05/2022	FP	feral pigeon	5	Flying over	Non-breeder	Tidal rivers or lagoons	South, 10m	4	SB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	SM	sand martin	12	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons		4	HB EOB
26/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying up stream	4	HB EOB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties	Flying downstream	4	HB EOB
26/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	CN	common tern	1	Adult carrying food	Probable breeding	Tidal rivers or lagoons	Food in beak, flying upstream	4	HB EOB
26/05/2022	FP	feral pigeon	2	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying downstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Grassland - improved (dry)	Flying downstream	4	HB EOB
26/05/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	CA	cormorant	3	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying over then landed on bank	4	HB EOB
26/05/2022	GO	goldfinch	1	Singing male/breeding calls	Possible breeder	Tidal rivers or lagoons	Heard in apartments behind	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	FP	feral pigeon	1	Flying over	Non-breeder	Sea walls, piers and jetties		4	HB EOB
26/05/2022	CA	cormorant	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	4	HB EOB
26/05/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying over	4	HB EOB
26/05/2022	HC	hooded crow	2	Flying over	Non-breeder	Tidal rivers or lagoons		4	HB EOB
26/05/2022	MA	mallard	3	Flying over	Non-breeder	Watercourses		4	HB EOB
26/05/2022	GB	great black-backed gull	1	Flying over	Non-breeder	Watercourses		4	HB EOB
13/05/2022	SM	sand martin	6	Adult entering or leaving nest site	Probable breeding	Watercourses		3	HB CC EV

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
13/05/2022	HG	herring gull	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	MS	mute swan	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		3	HB CC EV
13/05/2022	FP	feral pigeon	3	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	MA	mallard	2	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	CA	cormorant	2	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	TY	black guillemot	1	N/A	Non-breeder	Watercourses	Floating	3	HB CC EV
13/05/2022	MA	mallard	2	N/A	Non-breeder	Built land (e.g. buildings and stonework)	Floating	3	HB CC EV
13/05/2022	SG	starling	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	GO	goldfinch	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Built land (e.g. buildings and stonework)	Standing in a hole in the wall	3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flying upstream	3	HB CC EV
13/05/2022	WP	woodpigeon	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	SG	starling	1	Bird in suitable nesting habitat	Possible breeding	Built land (e.g. buildings and stonework)		3	HB CC EV
13/05/2022	MG	magpie	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flying then stop to swim on river	3	HB CC EV
13/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Watercourses	Flew into wall	3	HB CC EV
13/05/2022	SG	starling	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	JD	jackdaw	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		3	HB CC EV

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
13/05/2022	HC	herring gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		3	HB CC EV
13/05/2022	HG	herring gull	3	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	MS	mute swan	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Watercourses	Landed on water than flew off again	3	HB CC EV
13/05/2022	JD	jackdaw	2	Nest building	Probable breeding	Watercourses	Flying over carrying nesting materials	3	HB CC EV
13/05/2022	HC	hooded crow	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	CA	cormorant	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		3	HB CC EV
13/05/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties		3	HB CC EV
13/05/2022	SG	starling	2	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	HG	herring gull	2	Adult carrying food	Probable breeding	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	BH	black-headed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	HC	hooded crow	1	Flying over	Non-breeder	Sea walls, piers and jetties		3	HB CC EV
13/05/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Diving	3	HB CC EV
13/05/2022	MA	mallard	2	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	3	HB CC EV
13/05/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	2 landed on water	3	HB CC EV
13/05/2022	GB	great black-backed gull	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		3	HB CC EV

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
13/05/2022	SM	sand martin	6	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	HG	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	MS	mute swan	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	FP	feral pigeon	3	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	MA	mallard	2	Flying over	Non-breeder	Sea walls, piers and jetties		3	HB CC EV
13/05/2022	CA	cormorant	2	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Floating	3	HB CC EV
13/05/2022	MA	mallard	2	N/A	Non-breeder	Tidal rivers or lagoons	Floating	3	HB CC EV
13/05/2022	SG	starling	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		3	HB CC EV
13/05/2022	GO	goldfinch	1	Flying over	Non-breeder	Sea walls, piers and jetties		3	HB CC EV
13/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	Standing in a hole in the wall	3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying upstream	3	HB CC EV
13/05/2022	WP	woodpigeon	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	SG	starling	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	MG	magpie	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying then stop to swim on river	3	HB CC EV
13/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	Flew into wall	3	HB CC EV

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
13/05/2022	SG	starling	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	JD	jackdaw	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	HC	herring gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	HG	herring gull	3	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	MS	mute swan	1	Flying over	Non-breeder	Sea walls, piers and jetties		3	HB CC EV
13/05/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Sea walls, piers and jetties	Landed on water than flew off again	3	HB CC EV
13/05/2022	JD	jackdaw	2	Nest building	Probable breeding	Sea walls, piers and jetties	Flying over carrying nesting materials	3	HB CC EV
13/05/2022	HC	hooded crow	1	Flying over	Non-breeder	Gardens or flower beds		3	HB CC EV
13/05/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties		3	HB CC EV
13/05/2022	LB	lesser black-backed gull	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	SG	starling	2	Flying over	Non-breeder	Tidal rivers or lagoons		3	HB CC EV
13/05/2022	HG	herring gull	2	Adult carrying food	Probable breeding	Sea walls, piers and jetties		3	HB CC EV
13/05/2022	BH	black-headed gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)		3	HB CC EV
13/05/2022	HC	hooded crow	1	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	CA	cormorant	1	N/A	Non-breeder	Watercourses	Diving	3	HB CC EV
13/05/2022	MA	mallard	2	Flying over	Non-breeder	Watercourses		3	HB CC EV
13/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flying upstream	3	HB CC EV

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
13/05/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	2 landed on water	3	HB CC EV
13/05/2022	GB	great black-backed gull	1	Bird in suitable nesting habitat	Possible breeding	Tidal rivers or lagoons		3	HB CC EV
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable Breeding	Tidal rivers or lagoons	Observed inside hole in quay wall on several occasions	3	COB & SS
12/05/2022	TY	black guillemot	2	N/A	Non Breeder	Tidal rivers or lagoons	Pair observed in water	3	COB & SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Sea walls, piers and jetties		3	COB & SS
12/05/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons		3	COB & SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	Bird perched on edge of hole right of stairway to boardwalk	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from north - landed	3	COB & SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable Breeding	Tidal rivers or lagoons	Flew and perched on boardwalk in front of hole	3	COB & SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable Breeding	Tidal rivers or lagoons	Flew into and perched in hole right of boardwalk	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties		3	COB & SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons		3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Fly over and land on water - foraging	3	COB & SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable Breeding	Tidal rivers or lagoons	Flew from South and landed in hole	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Probable breeder	Tidal rivers or lagoons	Flew from South and landed on	3	COB & SS

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							water in front of hole		
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	3	COB & SS
12/05/2022	TY	black guillemot	2	Pair in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	Pair on boardwalk beside suitable nesting habitat	3	COB & SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	Flew from hole at right side of boardwalk to left and perched on boardwalk	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from boardwalk to the east	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from east	3	COB & SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Circled then flew N	3	SS
12/05/2022	CN	common tern	2	Pair in suitable nesting habitat	Confirmed breeding	Tidal rivers or lagoons	Pair flew in and landed on edge, perched in vegetation	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Pair flew from ledge N then W	3	SS
12/05/2022	HG	herring gull	1	Nest building	Probable breeding	Tidal rivers or lagoons	Flying south down dodder with nest materials	3	SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew north, circled and then back south towards grand canal	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	Pair circling then one perched on barrier beside ledge and other flew south	3	SS
12/05/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	3 flying over, one landed on ledge, one of barrier	3	SS

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							beside ledge and one flew out N		
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Pair flying over and landing on barrier beside ledge	3	SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying west between buildings	3	SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from north west to land on water	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Pair circling over water then flying north east over buildings	3	SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	Flew from east and perched on boardwalk	3	SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from east to land on water	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying from east towards south	3	SS
12/05/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	3	SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	One flew along river from east and landed on boardwalk in front of hole - joining another perched there	3	SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	Perched in hole on east side of boardwalk	3	SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying above water from east	3	SS
12/05/2022	CN	common tern	1	N/A	Non-breeder	Tidal rivers or lagoons	Perched on zipline	3	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
12/05/2022	CN	common tern	2	N/A	Non-breeder	Sea walls, piers and jetties	Flyover - flew west then perched on zipline at same point	3	COB
12/05/2022	SM	sand martin	1	N/A	Non-breeder	Tidal rivers or lagoons	Perched on zipline	3	COB
12/05/2022	CN	common tern	2	Courtship and display	Possible breeding	Tidal rivers or lagoons	displaying pair - one with food, then both flew N	3	COB
12/05/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	Pair perched and displaying on ledge	3	COB
12/05/2022	SM	sand martin	1	Flying over	Non-breeder	Tidal rivers or lagoons	foraging in area	3	COB
12/05/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	Pair perched on zipline then flew east	3	COB
12/05/2022	CN	common tern	1	Courtship and display	Possible breeding	Tidal rivers or lagoons	Mating call heard - perched on zipline	3	COB
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	pair flying over area	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Observed swimming downstream	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Observed swimming downstream	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream under bridge	3	COB
12/05/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Possible - one flew towards Poolbeg , the other swam downstream	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Swimming downstream - non-breeder	3	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable Breeding	Tidal rivers or lagoons	Observed inside hole in quay wall on several occasions	3	COB & SS
12/05/2022	TY	black guillemot	2	N/A	Non Breeder	Tidal rivers or lagoons	Pair observed in water	3	COB & SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	COB & SS
12/05/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons		3	COB & SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	Bird perched on edge of hole right of stairway to boardwalk	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from north - landed	3	COB & SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable Breeding	Tidal rivers or lagoons	Flew and perched on boardwalk in front of hole	3	COB & SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable Breeding	Tidal rivers or lagoons	Flew into and perched in hole right of boardwalk	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons		3	COB & SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons		3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Fly over and land on water - foraging	3	COB & SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable Breeding	Tidal rivers or lagoons	Flew from South and landed in hole	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Probable breeder	Tidal rivers or lagoons	Flew from South and landed on water in front of hole	3	COB & SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Foraging	3	COB & SS

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
12/05/2022	TY	black guillemot	2	Pair in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	Pair on boardwalk beside suitable nesting habitat	3	COB & SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	Flew from hole at right side of boardwalk to left and perched on boardwalk	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from boardwalk to the east	3	COB & SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew from east	3	COB & SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Circled then flew N	3	SS
12/05/2022	CN	common tern	2	Pair in suitable nesting habitat	Confirmed breeding	Tidal rivers or lagoons	Pair flew in and landed on edge, perched in vegetation	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Pair flew from ledge N then W	3	SS
12/05/2022	HG	herring gull	1	Nest building	Probable breeding	Tidal rivers or lagoons	Flying south down dodder with nest materials	3	SS
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew north, circled and then back south towards grand canal	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Pair circling then one perched on barrier beside ledge and other flew south	3	SS
12/05/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	3 flying over, one landed on ledge, one of barrier beside ledge and one flew out N	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Watercourses	Pair flying over and landing on	3	SS

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							barrier beside ledge		
12/05/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying west between buildings	3	SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flew from north west to land on water	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Scrub/transitional woodland	Pair circling over water then flying north east over buildings	3	SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Watercourses	Flew from east and perched on boardwalk	3	SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flew from east to land on water	3	SS
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	Flying from east towards south	3	SS
12/05/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	On water	3	SS
12/05/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	One flew along river from east and landed on boardwalk in front of hole - joining another perched there	3	SS
12/05/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	Perched in hole on east side of boardwalk	3	SS
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flying above water from east	3	SS
12/05/2022	CN	common tern	1	N/A	Non-breeder	Built land (e.g. buildings and stonework)	Perched on zipline	3	COB
12/05/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	Flyover - flew west then perched on zipline at same point	3	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
12/05/2022	SM	sand martin	1	N/A	Non-breeder	Tidal rivers or lagoons	Perched on zipline	3	COB
12/05/2022	CN	common tern	2	Courtship and display	Possible breeding	Built land (e.g. buildings and stonework)	displaying pair - one with food, then both flew N	3	COB
12/05/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	Pair perched and displaying on ledge	3	COB
12/05/2022	SM	sand martin	1	Flying over	Non-breeder	Tidal rivers or lagoons	foraging in area	3	COB
12/05/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	Pair perched on zipline then flew east	3	COB
12/05/2022	CN	common tern	1	Courtship and display	Possible breeding	Tidal rivers or lagoons	Mating call heard - perched on zipline	3	COB
12/05/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	pair flying over area	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Observed swimming downstream	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Observed swimming downstream	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Flew upstream under bridge	3	COB
12/05/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	Possible - one flew towards Poolbeg , the other swam downstream	3	COB
12/05/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	Swimming downstream - non-breeder	3	COB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Sea walls, piers and jetties	1	2	CC, EOB, COB
27/04/2022	GU	guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	CA	cormorant	2	N/A	Non-breeder	Tidal rivers or lagoons	1 - perched	2	CC, EOB, COB
27/04/2022	GU	guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	1 - Foraging	2	CC, EOB, COB
27/04/2022	MA	mallard	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	1	2	CC, EOB, COB
27/04/2022	HG	herring gull	1	Nest building	Confirmed breeding	Tidal rivers or lagoons	1 - flew northwest, probably nesting on roof nearby	2	CC, EOB, COB
27/04/2022	HG	herring gull	1	Nest building	Probable breeding	Tidal rivers or lagoons	1 - flew west probably breeding nearby	2	CC, EOB, COB
27/04/2022	CN	common tern	1	N/A	Non-breeder	Tidal rivers or lagoons	1 - foraging	2	CC, EOB, COB
27/04/2022	MS	mute swan	2	N/A	Non-breeder	Tidal rivers or lagoons	1 - Swimming	2	CC, EOB, COB
27/04/2022	CN	common tern	2	Courtship and display	Probable breeding	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	1 - swimming	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Sea walls, piers and jetties	1	2	CC, EOB, COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	1 - Foraging	2	CC, EOB, COB
27/04/2022	CS	common sandpiper	1	N/A	Non-breeder	Tidal rivers or lagoons	1 - roosting	2	CC, EOB, COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	TY	black guillemot	2	Courtship and display	Probable breeding	Tidal rivers or lagoons	2 - possible pair	2	CC, EOB, COB
27/04/2022	TY	black guillemot	6	N/A	Possible breeder	Sea walls, piers and jetties	2 - six birds swimming including at least one pair	2	COB
27/04/2022	CN	common tern	3	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew S	2	COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew S	2	COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew S	2	COB
27/04/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - circling	2	COB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew S	2	COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew S	2	COB
27/04/2022	HG	herring gull	1	Nest building	Probable breeding	Tidal rivers or lagoons	2 - flew west probably breeding nearby	2	COB
27/04/2022	TY	black guillemot	1	Pair in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	2 - pair on boardwalk	2	COB
27/04/2022	MS	mute swan	3	N/A	Non-breeder	Sea walls, piers and jetties	2 - Swimming	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - Swimming	2	COB
27/04/2022	CN	common tern	1	N/A	Non-breeder	Sea walls, piers and jetties	2 - foraging	2	COB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew E	2	COB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - circling	2	COB
27/04/2022	TY	black guillemot	2	Courtship and display	Probable breeding	Sea walls, piers and jetties	2 - flew under TCB	2	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Built land (e.g. buildings and stonework)	2 - Swimming	2	COB
27/04/2022	TY	black guillemot	3	N/A	Non-breeder	Tidal rivers or lagoons	2 - swimming	2	COB
27/04/2022	TY	black guillemot	2	N/A	Non-breeder	Sea walls, piers and jetties	2 - possible pair foraging	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Sea walls, piers and jetties	2 - foraging, landed on site - flew S from Liffey	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Built land (e.g. buildings and stonework)	2 - foraging	2	COB
27/04/2022	MA	mallard	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - swimming	2	COB
27/04/2022	TY	black guillemot	3	N/A	Non-breeder	Tidal rivers or lagoons	2 - swimming west	2	COB
27/04/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	2 - both circled before one flew into same hole as earlier in quay wall	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging	2	CC, EOB, COB
27/04/2022	TY	black guillemot	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,COB, EOB
27/04/2022	TY	black guillemot		Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,EOB,COB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew south	2	Cc,COB,EOB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew east	2	CC,EOB,COB
27/04/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	2 - perched	2	CC,COB,EOB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,COB,EOB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	WR	wren	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew east	2	CC,EOB,COB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,COB,EOB
27/04/2022	MA	mallard	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,COB,EOB
27/04/2022	SM	sand martin	7	N/A	Non-breeder	Tidal rivers or lagoons	2 - perched	2	CC,COB,EOB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging	2	COB
27/04/2022	BG	brent goose	5	N/A	Non-breeder	Tidal rivers or lagoons	2 - Foraging	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Sea walls, piers and jetties	2 - foraging	2	COB
27/04/2022	HG	herring gull	3	N/A	Non-breeder	Sea walls, piers and jetties	2 - foraging	2	COB
27/04/2022	TY	black guillemot	2	Pair in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	2 - probably breeding nearby	2	COB
27/04/2022	H.	grey heron	1	N/A	Non-breeder	Grassland - improved (dry)	2 - foraging	2	COB
27/04/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	2 - observed in a square third hole from the bridge	2	COB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Sea walls, piers and jetties	2	2	COB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	west upstream	2	SB
27/04/2022	SM	sand martin	9	Adult entering or leaving nest site	Confirmed breeding	Tidal rivers or lagoons	in dock wall	2	SB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	west upstream	2	SB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	east down	2	SB
27/04/2022	HG	herring gull	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	south flying	2	SB
27/04/2022	SM	sand martin	12	Adult entering or leaving nest site	Confirmed breeding	Tidal rivers or lagoons	peak count	2	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	MS	mute swan	1	Flying over	Non-breeder	Sea walls, piers and jetties	east flying	2	SB
27/04/2022	SM	sand martin	3	Adult entering or leaving nest site	Confirmed breeding	Tidal rivers or lagoons	same birds in dock wall	2	SB
27/04/2022	MS	mute swan	2	Flying over	Non-breeder	Tidal rivers or lagoons	flying downstream	2	SB
27/04/2022	SM	sand martin	5	Flying over	Non-breeder	Tidal rivers or lagoons	same birds in dock wall	2	SB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties	upstream River Liffey	2	SB
27/04/2022	HG	herring gull	1	Nest building	Confirmed breeding	Sea walls, piers and jetties	carrying nesting material off site	2	SB
27/04/2022	BG	brent goose	7	Flying over	Non-breeder	Tidal rivers or lagoons	upstream River Liffey	2	SB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	feeding in River Liffey	2	SB
27/04/2022	MS	mute swan	3	N/A	Non-breeder	Sea walls, piers and jetties	swimming in River Liffey	2	SB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	GU	guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Probable breeding	Sea walls, piers and jetties	1	2	CC, EOB, COB
27/04/2022	CA	cormorant	2	N/A	Non-breeder	Tidal rivers or lagoons	1 - perched	2	CC, EOB, COB
27/04/2022	GU	guillemot	1	Flying over	Non-breeder	Sea walls, piers and jetties	1	2	CC, EOB, COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	1 - Foraging	2	CC, EOB, COB
27/04/2022	MA	mallard	1	Flying over	Non-breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	HG	herring gull	1	Nest building	Confirmed breeding	Sea walls, piers and jetties	1 - flew northwest, probably nesting on roof nearby	2	CC, EOB, COB
27/04/2022	HG	herring gull	1	Nest building	Probable breeding	Tidal rivers or lagoons	1 - flew west probably breeding nearby	2	CC, EOB, COB
27/04/2022	CN	common tern	1	N/A	Non-breeder	Tidal rivers or lagoons	1 - foraging	2	CC, EOB, COB
27/04/2022	MS	mute swan	2	N/A	Non-breeder	Tidal rivers or lagoons	1 - Swimming	2	CC, EOB, COB
27/04/2022	CN	common tern	2	Courtship and display	Probable breeding	Sea walls, piers and jetties	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Sea walls, piers and jetties	1 - swimming	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	1	2	CC, EOB, COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	1	2	CC, EOB, COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Watercourses	1 - Foraging	2	CC, EOB, COB
27/04/2022	CS	common sandpiper	1	N/A	Non-breeder	Watercourses	1 - roosting	2	CC, EOB, COB
27/04/2022	TY	black guillemot	2	Courtship and display	Probable breeding	Sea walls, piers and jetties	2 - possible pair	2	CC, EOB, COB
27/04/2022	TY	black guillemot	6	N/A	Possible breeder	Sea walls, piers and jetties	2 - six birds swimming including at least one pair	2	COB
27/04/2022	CN	common tern	3	Flying over	Non-breeder	Sea walls, piers and jetties	2 - flew S	2	COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	2 - flew S	2	COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Watercourses	2 - flew S	2	COB
27/04/2022	TY	black guillemot	2	Flying over	Non-breeder	Watercourses	2 - circling	2	COB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew S	2	COB
27/04/2022	CN	common tern	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew S	2	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	HG	herring gull	1	Nest building	Probable breeding	Tidal rivers or lagoons	2 - flew west probably breeding nearby	2	COB
27/04/2022	TY	black guillemot	1	Pair in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	2 - pair on boardwalk	2	COB
27/04/2022	MS	mute swan	3	N/A	Non-breeder	Tidal rivers or lagoons	2 - Swimming	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Sea walls, piers and jetties	2 - Swimming	2	COB
27/04/2022	CN	common tern	1	N/A	Non-breeder	Sea walls, piers and jetties	2 - foraging	2	COB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew E	2	COB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Sea walls, piers and jetties	2 - circling	2	COB
27/04/2022	TY	black guillemot	2	Courtship and display	Probable breeding	Sea walls, piers and jetties	2 - flew under TCB	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - Swimming	2	COB
27/04/2022	TY	black guillemot	3	N/A	Non-breeder	Sea walls, piers and jetties	2 - swimming	2	COB
27/04/2022	TY	black guillemot	2	N/A	Non-breeder	Tidal rivers or lagoons	2 - possible pair foraging	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging, landed on site - flew S from Liffey	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Built land (e.g. buildings and stonework)	2 - foraging	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Built land (e.g. buildings and stonework)	2 - foraging	2	COB
27/04/2022	MA	mallard	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - swimming	2	COB
27/04/2022	TY	black guillemot	3	N/A	Non-breeder	Tidal rivers or lagoons	2 - swimming west	2	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Sea walls, piers and jetties	2 - both circled before one flew into same hole as earlier in quay wall	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging	2	CC, EOB, COB
27/04/2022	TY	black guillemot	2	Flying over	Non-breeder	Sea walls, piers and jetties	2 - flew west	2	CC,COB, EOB
27/04/2022	TY	black guillemot		Flying over	Non-breeder	Sea walls, piers and jetties	2 - flew west	2	CC,EOB,COB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew south	2	Cc,COB,EOB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Sea walls, piers and jetties	2 - flew east	2	CC,EOB,COB
27/04/2022	CN	common tern	2	N/A	Non-breeder	Tidal rivers or lagoons	2 - perched	2	CC,COB,EOB
27/04/2022	CN	common tern	2	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,COB,EOB
27/04/2022	WR	wren	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew east	2	CC,EOB,COB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,COB,EOB
27/04/2022	MA	mallard	1	Flying over	Non-breeder	Tidal rivers or lagoons	2 - flew west	2	CC,COB,EOB
27/04/2022	SM	sand martin	7	N/A	Non-breeder	Tidal rivers or lagoons	2 - perched	2	CC,COB,EOB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging	2	COB
27/04/2022	BG	brent goose	5	N/A	Non-breeder	Tidal rivers or lagoons	2 - Foraging	2	COB
27/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging	2	COB
27/04/2022	HG	herring gull	3	N/A	Non-breeder	Sea walls, piers and jetties	2 - foraging	2	COB
27/04/2022	TY	black guillemot	2	Pair in suitable nesting habitat	Probable breeding	Tidal rivers or lagoons	2 - probably breeding nearby	2	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/04/2022	H.	grey heron	1	N/A	Non-breeder	Tidal rivers or lagoons	2 - foraging	2	COB
27/04/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	2 - observed in a square third hole from the bridge	2	COB
27/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Possible breeder	Tidal rivers or lagoons	2	2	COB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	west upstream	2	SB
27/04/2022	SM	sand martin	9	Adult entering or leaving nest site	Confirmed breeding	Tidal rivers or lagoons	in dock wall	2	SB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	west upstream	2	SB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	east down	2	SB
27/04/2022	HG	herring gull	1	Adult carrying food	Confirmed breeding	Tidal rivers or lagoons	south flying	2	SB
27/04/2022	SM	sand martin	12	Adult entering or leaving nest site	Confirmed breeding	Tidal rivers or lagoons	peak count	2	SB
27/04/2022	MS	mute swan	1	Flying over	Non-breeder	Tidal rivers or lagoons	east flying	2	SB
27/04/2022	SM	sand martin	3	Adult entering or leaving nest site	Confirmed breeding	Tidal rivers or lagoons	same birds in dock wall	2	SB
27/04/2022	MS	mute swan	2	Flying over	Non-breeder	Tidal rivers or lagoons	flying downstream	2	SB
27/04/2022	SM	sand martin	5	Flying over	Non-breeder	Tidal rivers or lagoons	same birds in dock wall	2	SB
27/04/2022	CA	cormorant	1	Flying over	Non-breeder	Tidal rivers or lagoons	upstream River Liffey	2	SB
27/04/2022	HG	herring gull	1	Nest building	Confirmed breeding	Tidal rivers or lagoons	carrying nesting material off site	2	SB
27/04/2022	BG	brent goose	7	Flying over	Non-breeder	Tidal rivers or lagoons	upstream River Liffey	2	SB
27/04/2022	TY	black guillemot	1	Flying over	Non-breeder	Tidal rivers or lagoons	feeding in River Liffey	2	SB
27/04/2022	MS	mute swan	3	N/A	Non-breeder	Tidal rivers or lagoons	swimming in River Liffey	2	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
14/04/2022	CS	common sandpiper	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding on rocks	1	AF
14/04/2022	MS	mute swan	2	N/A	Non-breeder	Watercourses	Resting on slipway	1	AF
14/04/2022	MA	mallard	1	N/A	Non-breeder	Watercourses		1	AF
14/04/2022	TY	black guillemot	2	Bird in suitable nesting habitat	Probable breeding	Watercourses	Pair together on boardwalk	1	AF
14/04/2022	MS	mute swan	1	N/A	Non-breeder	Watercourses	Floating on water	1	AF
14/04/2022	TY	black guillemot	2	Visiting probable nest site	Confirmed breeding	Watercourses	One entering hole in sea wall multiple times, probably breeding in here. Other guillemot of the pair staying on boardwalk	1	AF
14/04/2022	MA	mallard	3	Bird in suitable nesting habitat	Possible breeder	Watercourses		1	AF
14/04/2022	MS	mute swan	3	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water	1	AF
14/04/2022	SM	sand martin	10	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons	SM Nesting in between gaps in blocks at multiple points in river wall, south of building right of convention centre	1	AF & COB
14/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	1	AF & COB
14/04/2022	CS	common sandpiper	1	N/A	Non-breeder	Tidal rivers or lagoons	Feeding on rocks	1	AF
14/04/2022	MS	mute swan	2	N/A	Non-breeder	Sea walls, piers and jetties	Resting on slipway	1	AF
14/04/2022	MA	mallard	1	N/A	Non-breeder	Tidal rivers or lagoons		1	AF
14/04/2022	TY	black guillemot	2	Bird in suitable nesting habitat	Probable breeding	Sea walls, piers and jetties	Pair together on boardwalk	1	AF

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
14/04/2022	MS	mute swan	1	N/A	Non-breeder	Sea walls, piers and jetties	Floating on water	1	AF
14/04/2022	TY	black guillemot	2	Visiting probable nest site	Confirmed breeding	Tidal rivers or lagoons	One entering hole in sea wall multiple times, probably breeding in here. Other guillemot of the pair staying on boardwalk	1	AF
14/04/2022	MA	mallard	3	Bird in suitable nesting habitat	Possible breeder	Sea walls, piers and jetties		1	AF
14/04/2022	MS	mute swan	3	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water	1	AF
14/04/2022	SM	sand martin	10	Adult entering or leaving nest site	Probable breeding	Tidal rivers or lagoons	SM Nesting in between gaps in blocks at multiple points in river wall, south of building right of convention centre	1	AF & COB
14/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	1	AF & COB
13/04/2022	MS	mute swan	10	N/A	Non-breeder	Tidal rivers or lagoons	Resting on the jetty, likely not breeding in this area	1	AF
13/04/2022	MS	mute swan	3	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water, likely not breeding in this area	1	AF
13/04/2022	HG	herring gull	3	N/A	Non-breeder	Sea walls, piers and jetties	Floating on water	1	AF
13/04/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water	1	AF
13/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water	1	AF
13/04/2022	TY	black guillemot	2	N/A	Possible breeder	Tidal rivers or lagoons	Floating on water	1	AF
13/04/2022	HG	herring gull	4	N/A	Possible breeder	Tidal rivers or lagoons	Floating on water	1	AF

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
13/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	1	AF & COB
13/04/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	A pair beside suitable habitat - "possible breeding"	1	AF & COB
13/04/2022	TY	black guillemot	2	Courtship and display	Probable breeding	Tidal rivers or lagoons	Copulation observed but nesting location	1	AF & COB
13/04/2022	TY	black guillemot	1	N/A	Non-breeder	Sea inlets and bays	Swimming	1	AF & COB
13/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Non-breeder	Sea inlets and bays	Non-breeding - 4 TY observed peak count including two on boardwalk for most of survey	1	AF & COB
13/04/2022	CA	cormorant	1	N/A	Non-breeder	Sea inlets and bays	Perched	1	COB
13/04/2022	MS	mute swan	2	N/A	Non-breeder	Sea inlets and bays	Swimming	1	COB
13/04/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Sea inlets and bays	Flew into hole in a round hole in wall where a pair of GU were observed mating earlier in the day.	1	AF & COB
13/04/2022	HG	herring gull	2	N/A	Non-breeder	Sea inlets and bays	Perched	1	AF & COB
13/04/2022	BG	brent goose	2	N/A	Non-breeder	Sea inlets and bays	Swimming	1	AF & COB
13/04/2022	BG	brent goose	10	N/A	Non-breeder	Sea inlets and bays	Swimming	1	AF & COB
13/04/2022	TY	black guillemot	2	N/A	Possible breeder	Tidal rivers or lagoons	A pair possibly breeding nearby	1	AF & COB
13/04/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	1	AF & COB
13/04/2022	MS	mute swan	10	N/A	Non-breeder	Open marine water	Resting on the jetty, likely not	1	AF

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							breeding in this area		
13/04/2022	MS	mute swan	3	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water, likely not breeding in this area	1	AF
13/04/2022	HG	herring gull	3	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water	1	AF
13/04/2022	MS	mute swan	1	N/A	Non-breeder	Tidal rivers or lagoons	Floating on water	1	AF
13/04/2022	TY	black guillemot	1	N/A	Non-breeder	Open marine water	Floating on water	1	AF
13/04/2022	TY	black guillemot	2	N/A	Possible breeder	Open marine water	Floating on water	1	AF
13/04/2022	HG	herring gull	4	N/A	Possible breeder	Open marine water	Floating on water	1	AF
13/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	1	AF & COB
13/04/2022	TY	black guillemot	2	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	A pair beside suitable habitat - "possible breeding"	1	AF & COB
13/04/2022	TY	black guillemot	2	Courtship and display	Probable breeding	Tidal rivers or lagoons	Copulation observed but nesting location	1	AF & COB
13/04/2022	TY	black guillemot	1	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	1	AF & COB
13/04/2022	TY	black guillemot	1	Bird in suitable nesting habitat	Non-breeder	Tidal rivers or lagoons	Non-breeding - 4 TY observed peak count including two on boardwalk for most of survey	1	AF & COB
13/04/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Perched	1	COB
13/04/2022	MS	mute swan	2	N/A	Non-breeder	Watercourses	Swimming	1	COB
13/04/2022	TY	black guillemot	1	Visiting probable nest site	Probable breeding	Tidal rivers or lagoons	Flew into hole in a round hole in wall where a pair of GU were	1	AF & COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
							observed mating earlier in the day.		
13/04/2022	HG	herring gull	2	N/A	Non-breeder	Tidal rivers or lagoons	Perched	1	AF & COB
13/04/2022	BG	brent goose	2	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	1	AF & COB
13/04/2022	BG	brent goose	10	N/A	Non-breeder	Tidal rivers or lagoons	Swimming	1	AF & COB
13/04/2022	TY	black guillemot	2	N/A	Possible breeder	Tidal rivers or lagoons	A pair possibly breeding nearby	1	AF & COB
13/04/2022	CA	cormorant	1	N/A	Non-breeder	Tidal rivers or lagoons	Foraging	1	AF & COB

Table 2 - 2021 Breeding Bird Survey Data collated by Scott Cawley Ltd. along the route of the Proposed Scheme

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
19/05/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses		1	COB/SB
19/05/2021	TY	black guillemot	1		Non-breeder	Watercourses	roosting on water	1	COB
19/05/2021	TY	black guillemot	2	Pair in suitable nesting habitat	Probable breeding	Watercourses		1	COB
19/05/2021	TY	black guillemot	2	Flying over	Non-breeder	Watercourses		1	COB/SB
19/05/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	swimming	1	SB
19/05/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses		1	COB
19/05/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses	drone beside VP, CN at 10m flying towards Grand canal basin	1	COB
19/05/2021	CN	common tern	2	Adult carrying food	Confirmed breeding	Watercourses	at 10m flying towards Grand canal basin.	1	COB
19/05/2021	CN	common tern	2	Distraction-Display - unlikely to be observed	Confirmed breeding	Watercourses	displaying, flying at 18m from Grand canal basin	1	COB
19/05/2021	CN	common tern	8	Permanent territory	Probable breeding	Built land (e.g. buildings and stonework)	npws fenced area	1	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
19/05/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses	hunting this far 10:00	1	SB
19/05/2021	CN	common tern	3	Courtship and display	Probable breeding	Watercourses	territory this far, possibly hunting too 10:01	1	SB
19/05/2021	CN	common tern	9	Adult carrying food	Confirmed breeding	Built land (e.g. buildings and stonework)	most birds, 9th male? Being pushed out by others, has Sand eel for getting mate	1	SB
19/05/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	flying east from nest spot then back 12:27	1	SB
19/05/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	back to nest, 10m 13:03	1	SB
19/05/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	back to nest, 10m, 13:06	1	SB
19/05/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	back to nest, 10m, 13:19	1	SB
19/05/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	back to nest, 20m, 13:22	1	SB
19/05/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	hunting this far 13:25	1	SB
19/05/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	CA	cormorant	1		Non-breeder	Watercourses	perched	1	COB
19/05/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	south	1	SB
19/05/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	north east, 1m	1	SB
19/05/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	north east 10m	1	SB
19/05/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		1	COB/SB
19/05/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	north east, 1m	1	SB
19/05/2021	CA	cormorant	1		Non-breeder	Watercourses	perched	1	COB
19/05/2021	D.	dunnock	1	Singing male/breeding calls	Possible breeder	Scrub/transitional woodland	allotment	1	SB
19/05/2021	FP	feral pigeon	1	Bird in suitable nesting habitat	Possible breeder	Watercourses	observed in a hole in wall	1	COB/SB
19/05/2021	GB	great black-backed gull	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	GB	great black-backed gull	1	Flying over	Non-breeder	Watercourses	30m circle	1	SB
19/05/2021	GB	great black-backed gull	1	Non-breeder e.g. sp observed but not known to breed in Ireland	Non-breeder	Intertidal - mud/sand/shingle shore	feeding non breeder	1	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
19/05/2021	H.	grey heron	1	Non-breeder e.g. sp observed but not known to breed in Ireland	Non-breeder	Intertidal - mud/sand/shingle shore	feeding on mud area	1	SB
19/05/2021	HG	herring gull	8	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	HG	herring gull	24		Non-breeder	Watercourses	roosting on water	1	COB
19/05/2021	HG	herring gull	1		Non-breeder	Watercourses	foraging	1	COB
19/05/2021	HG	herring gull	8		Non-breeder	Watercourses	roosting on water	1	COB
19/05/2021	HG	herring gull	20	Flying over	Non-breeder	Watercourses	flying at 15m	1	COB
19/05/2021	HG	herring gull	5	Flying over	Non-breeder	Watercourses	flying at 15m	1	COB
19/05/2021	HG	herring gull	7	Flying over	Non-breeder	Watercourses	10-20 m west	1	SB
19/05/2021	HG	herring gull	15	Flying over	Non-breeder	Watercourses	circling 30m	1	SB
19/05/2021	HG	herring gull	53	Non-breeder e.g. sp observed but not known to breed in Ireland	Non-breeder	Intertidal - mud/sand/shingle shore	all non breeders feeding	1	SB
19/05/2021	HG	herring gull	1	Flying over	Non-breeder	Watercourses	west 10m	1	SB
19/05/2021	HG	herring gull	3	Flying over	Non-breeder	Watercourses	south west 20m	1	SB
19/05/2021	HG	herring gull	2	Flying over	Non-breeder	Watercourses	north east, 20m	1	SB
19/05/2021	HG	herring gull	4	Flying over	Non-breeder	Watercourses	south west 30m	1	SB
19/05/2021	HS	house sparrow	2	Pair in suitable nesting habitat	Probable breeding	Built land (e.g. buildings and stonework)	nesting by house	1	SB
19/05/2021	LB	lesser black-backed gull	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	LB	lesser black-backed gull	1	Flying over	Non-breeder	Watercourses	flying at 20m	1	COB
19/05/2021	ET	little egret	1	Flying over	Non-breeder	Watercourses	south west 10m	1	SB
19/05/2021	MA	mallard	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	MA	mallard	2	Pair in suitable nesting habitat	Probable breeding	Watercourses	male and female	1	SB
19/05/2021	MA	mallard	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	MS	mute swan	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	MS	mute swan	9	Non-breeder e.g. sp observed but not	Non-breeder	Built land (e.g. buildings and stonework)	slipway	1	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
				known to breed in Ireland					
19/05/2021	MS	mute swan	5	Non-breeder e.g. sp observed but not known to breed in Ireland	Non-breeder	Grassland - improved (dry)	5 additional swans to group in water/slipway	1	SB
19/05/2021	PW	pieb wagtail	2	Adult carrying food	Confirmed breeding	Built land (e.g. buildings and stonework)	adult feeding fledged juvenile	1	SB
19/05/2021	SM	sand martin	3	Flying over	Non-breeder	Watercourses		1	COB/SB
19/05/2021	SM	sand martin	6	Bird in suitable nesting habitat	Possible breeder	Watercourses	sand martin - foraging in waste ground beside old boat.	1	COB
19/05/2021	SM	sand martin	7	Pair in suitable nesting habitat	Probable breeding	Watercourses	sand martins observed into gap in wall	1	COB/SB
19/05/2021	SM	sand martin	1	Flying over	Non-breeder	Watercourses		1	COB
19/05/2021	SG	starling	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	with food heading to neighbouring houses in east	1	SB
19/05/2021	SL	swallow	1	Flying over	Non-breeder	Watercourses	west 30m	1	SB
19/05/2021	WR	wren	1	Singing male/breeding calls	Possible breeder	Hedgerows/treelines	allotment	1	SB
25/06/2021	TY	black guillemot	3	Flying over	Non-breeder	Watercourses		2	COB
25/06/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	East, under bridge, 1m	2	SB
25/06/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Flying east	2	COB
25/06/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Perched	2	COB
25/06/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Swimming	2	SB
25/06/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Under bridge,	2	SB
25/06/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	West, 1m, 10:02	2	SB
25/06/2021	BH	black-headed gull	3	Flying over	Non-breeder	Watercourses		2	COB
25/06/2021	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses	Circling/foraging	2	COB
25/06/2021	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses	Flying east	2	COB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses		2	COB
25/06/2021	CN	common tern	3	Flying over	Non-breeder	Watercourses		2	COB
25/06/2021	CN	common tern	1	Pair in suitable nesting habitat	Probable breeding	Built land (e.g. buildings and stonework)		2	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
25/06/2021	CN	common tern	2	Pair in suitable nesting habitat	Probable breeding	Built land (e.g. buildings and stonework)	919	2	SB
25/06/2021	CN	common tern	1	Bird in suitable nesting habitat	Possible breeder	Built land (e.g. buildings and stonework)	1258	2	SB
25/06/2021	CN	common tern	4	Permanent territory	Probable breeding	Built land (e.g. buildings and stonework)	Circling area, pushing 1 bird out, various heights from 1-10m, 1030	2	SB
25/06/2021	CN	common tern	2	Pair in suitable nesting habitat	Probable breeding	Built land (e.g. buildings and stonework)	Copulation between pair, 1036	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder		East, 08:41, 30m over buildings	2	SB
25/06/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	East, 2m, over Bridge, 1235	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	East, 5m, 1045	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Estuaries	East, from docks, 0854, 10m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	East, from docks, 0936, 30m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Estuaries	East, from docks, 0941, 20m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Estuaries	East, from docks, 20m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	East, from docks, 30m, 1055	2	SB
25/06/2021	CN	common tern	4	Flying over	Non-breeder	Watercourses	Flying east	2	COB
25/06/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Estuaries	Flying east from docks, 08:31, 20m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Estuaries	Flying south to docks 08:23, 10m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Estuaries	Flying south to docks 08:27, 5m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Foraging	2	COB
25/06/2021	CN	common tern	6	Flying over	Non-breeder	Watercourses	Foraging around docks all day	2	COB
25/06/2021	CN	common tern	1	Permanent territory	Probable breeding	Built land (e.g. buildings and stonework)	Holding territory and pushing other terns away	2	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting here from nesting point	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting, 1m, 1009	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	North east from docks, 0922, 20m	2	SB
25/06/2021	CN	common tern	1	Visiting probable nest site	Probable breeding	Built land (e.g. buildings and stonework)	One sitting among vegetation	2	SB
25/06/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	One with sand eel	2	COB
25/06/2021	CN	common tern	2	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched on pontoon	2	COB
25/06/2021	CN	common tern	7	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Roosting on wall all survey	2	COB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, 10m, 12:40	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, 10m, over bridge, 1305	2	SB
25/06/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	South, 5m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, 5m, 1309	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, over bridge 10m, 1216	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, over bridge 10m, 1224	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, over bridge, 10m, 1244	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, over bridge, 10m, 1302	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, over bridge, 20m, 1232	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Estuaries	South, to docks, 0900, 10m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	South, to docks, 10m, 1015	2	SB
25/06/2021	CN	common tern	4	Flying over	Non-breeder	Estuaries	South, to nest area, 0910, 1-10m	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	West, 0926, 20m to docks	2	SB
25/06/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	West, over bridge, 10m, 1255	2	SB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying east	2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying NE	2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying north	2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying southwest	2	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying west. Landed	2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Foraging	2	COB
25/06/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Foraging	2	COB
25/06/2021	FP	feral pigeon	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched	2	COB
25/06/2021	H.	grey heron	1	Bird in suitable nesting habitat	Possible breeder	Built land (e.g. buildings and stonework)	Perched	2	COB
25/06/2021	HG	herring gull	1	Flying over	Non-breeder	Watercourses	Flying east	2	COB
25/06/2021	HG	herring gull	1	Flying over	Non-breeder	Watercourses	Flying northwest	2	COB
25/06/2021	HG	herring gull	1	Flying over	Non-breeder	Watercourses	Flying southwest	2	COB
25/06/2021	HG	herring gull	10	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	HG	herring gull	2	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	HG	herring gull	2	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched	2	COB
25/06/2021	HG	herring gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched	2	COB
25/06/2021	HG	herring gull	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched	2	COB
25/06/2021	HG	herring gull	9	Flying over	Non-breeder	Watercourses	Roosting	2	COB
25/06/2021	HG	herring gull	1	Flying over	Non-breeder	Watercourses	Roosting	2	COB
25/06/2021	HS	house sparrow	6	Fledged young still dependent on adult	Confirmed breeding	Built land (e.g. buildings and stonework)		2	SB
25/06/2021	KF	kingfisher	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flew into dock, 08:28, 1m	2	SB
25/06/2021	LB	lesser black-backed gull	2	Flying over	Non-breeder	Watercourses		2	COB
25/06/2021	LB	lesser black-backed gull	1	Flying over	Non-breeder	Watercourses	Flying east	2	COB
25/06/2021	LB	lesser black-backed gull	1	Flying over	Non-breeder	Watercourses	Roosting	2	COB
25/06/2021	MA	mallard	3	Flying over	Non-breeder	Watercourses	Flying west	2	COB
25/06/2021	MS	mute swan	3	Flying over	Non-breeder	Watercourses	Flying west	2	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
25/06/2021	MS	mute swan	1	Flying over	Non-breeder	Watercourses	Roosting	2	COB
25/06/2021	SM	sand martin	1	Flying over	Non-breeder	Watercourses	Foraging	2	COB
25/06/2021	SM	sand martin	2	Adult entering or leaving nest site	Confirmed breeding	Built land (e.g. buildings and stonework)	Nesting in wall	2	COB
25/06/2021	SH	sparrowhawk	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Hunting	2	COB
25/06/2021	WR	wren	1	Singing male/breeding calls	Possible breeder	Gardens or flower beds		2	SB
14/07/2021	CN	common tern	1	Adult entering or leaving nest site	Confirmed breeding			3	WD
14/07/2021	CN	common tern	1	Flying over	Non-breeder			3	WD
14/07/2021	CN	common tern	5	Permanent territory	Probable breeding	Watercourses	Area, diving at HC, 13:27	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock 2m, 09:04	3	SB
14/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Around dock, 10m , 09:08	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 10m, 09:44	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 09:53	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 10:12	3	SB
14/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Around dock, 2m, 10:22	3	SB
14/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Around dock, 2m, 10:39	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 10:50	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 11:25	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 3m, 09:06	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 3m, 11:40	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 5m, 09:32	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 5m, 11:15	3	SB
14/07/2021	CN	common tern	1	Permanent territory	Probable breeding		Catching fish	3	WD
14/07/2021	CN	common tern	1	Flying over	Non-breeder		Circling, has been fishing off of gare for a while	3	WD
14/07/2021	CN	common tern	1	Flying over	Non-breeder		Flew back after time away	3	WD
14/07/2021	CN	common tern	1	Adult carrying food	Confirmed breeding		Flying in circles, diving into water. Video to accompany	3	WD

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
14/07/2021	CN	common tern	2	Adult carrying food	Confirmed breeding	Watercourses	Flying, and exchanging food with female, 09:34	3	SB
14/07/2021	CN	common tern	3	Flying over	Non-breeder		Hovering and entering water. One flew and rested on walkway bridge	3	WD
14/07/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses	Hunting this far up liffey from Ringsend, 08:20	3	SB
14/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Hunting, 08:53	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting, 1m , 09:18	3	SB
14/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Hunting, did not cross bridge, 5m, 13:24	3	SB
14/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	North east, 5m, 09:00	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Over bridge, 10m, east, 13:20	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Perched briefly, 08:56	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Perched on boat, 12:59	3	SB
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Preening on zipline, 09:21	3	SB
14/07/2021	CN	common tern	2	Permanent territory	Probable breeding		Preening. Bird 2 09:06	3	WD
14/07/2021	CN	common tern	1	Flying over	Non-breeder		Returned after some time. Started fishing	3	WD
14/07/2021	CN	common tern	2	Flying over	Non-breeder		Swooping together	3	WD
14/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	West, 1m, over bridge, low, 13:25	3	SB
14/07/2021	GU	guillemot	1	Flying over	Non-breeder			3	WD
14/07/2021	GU	guillemot	1	Flying over	Non-breeder	Watercourses	East, 1m, 08:18	3	SB
14/07/2021	GU	guillemot	1	Flying over	Non-breeder	Watercourses	Flying east, 1m, 0643	3	SB
14/07/2021	GU	guillemot	1	Flying over	Non-breeder	Watercourses	West, up liffey, with food, no indication nest is near 0649	3	SB
14/07/2021	KF	kingfisher	1	Flying over	Non-breeder			3	WD
14/07/2021	PW	pied wagtail	1	Flying over	Non-breeder			3	WD
14/07/2021	SM	sand martin	8	Visiting probable nest site	Probable breeding	Built land (e.g. buildings and stonework)	In quay wall, using gaps, 06:42	3	SB
20/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Downstream, east, 07:14	4	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
20/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Landed in river flew from west	4	COB
20/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Swimming	4	COB
20/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Swimming	4	COB
20/07/2021	TY	black guillemot	1	Fledged young still dependent on adult	Confirmed breeding	Watercourses	Swimming - juvenile	4	COB
20/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Upstream, west, 07:24	4	SB
20/07/2021	TY	black guillemot	1	Adult carrying food	Confirmed breeding	Watercourses	Upstream, west, past both bridges, 07:22	4	SB
20/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	West-east	4	COB
20/07/2021	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses	Foraging	4	COB
20/07/2021	BH	black-headed gull	2	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched	4	COB
20/07/2021	BH	black-headed gull	8	Flying over	Non-breeder	"Sea walls	Perched	4	COB
20/07/2021	BH	black-headed gull	1	Flying over	Non-breeder	Watercourses	Roosting	4	COB
20/07/2021	BH	black-headed gull	2	Flying over	Non-breeder	Watercourses	Swimming	4	COB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses		4	COB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses		4	COB
20/07/2021	CN	common tern	3	Flying over	Non-breeder	Watercourses	Around dock, 10-20m, territory with third bird, 09:46	4	SB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 1m, 10:57	4	SB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 1m, 11:15	4	SB
20/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Around dock, 1m, hunting, 09:59	4	SB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 09:30	4	SB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 10:17	4	SB
20/07/2021	CN	common tern	1	Permanent territory	Probable breeding	Watercourses	Around harbour, pushed off a heron, 13:01	4	SB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	East-west	4	COB
20/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Flying around dock, 2m, 08:59	4	SB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying around dock, 2m, 09:14	4	SB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Foraging	4	COB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Foraging	4	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
20/07/2021	CN	common tern	3	Flying over	Non-breeder	Watercourses	Foraging/perched	4	COB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	North-south	4	COB
20/07/2021	CN	common tern	1	Flying over	Non-breeder	"Sea walls	Perched	4	COB
20/07/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Perched on zipline platform	4	SB
20/07/2021	CN	common tern		Flying over	Non-breeder	Watercourses	Perched, zipline platform, 09:35, both metal ringed	4	SB
20/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		4	COB
20/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		4	COB
20/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Southwest-northeast	4	COB
20/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Southwest-northeast	4	COB
20/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Swimming	4	COB
20/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West-east	4	COB
20/07/2021	H.	grey heron	1	Flying over	Non-breeder	Watercourses		4	COB
20/07/2021	H.	grey heron	1	Flying over	Non-breeder	Watercourses	Foraging	4	COB
20/07/2021	H.	grey heron	1	Flying over	Non-breeder	Watercourses	South-north/west-east	4	COB
20/07/2021	HG	herring gull	6	Flying over	Non-breeder	Watercourses		4	COB
20/07/2021	HG	herring gull	12	Flying over	Non-breeder	Watercourses	Circling	4	COB
20/07/2021	HG	herring gull	4	Flying over	Non-breeder	Watercourses	Circling	4	COB
20/07/2021	HG	herring gull	15	Flying over	Non-breeder	Watercourses	Foraging	4	COB
20/07/2021	HG	herring gull	5	Flying over	Non-breeder	Watercourses	Foraging	4	COB
20/07/2021	HG	herring gull	65	Flying over	Non-breeder	Watercourses	Foraging	4	COB
20/07/2021	HG	herring gull	20	Fledged young still dependent on adult	Confirmed breeding	Watercourses	Roosting - Juveniles	4	COB
20/07/2021	HG	herring gull	5	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Roosting, sea walls	4	COB
20/07/2021	HG	herring gull	22	Flying over	Non-breeder	Watercourses	West-east	4	COB
20/07/2021	HG	herring gull	12	Flying over	Non-breeder	Watercourses	West-east	4	COB
20/07/2021	HG	herring gull	3	Flying over	Non-breeder	Watercourses	West-east	4	COB
20/07/2021	MS	mute swan	15	Flying over	Non-breeder	Watercourses	Foraging/roosting	4	COB
20/07/2021	MS	mute swan	1	Flying over	Non-breeder	Watercourses	Northwest-south	4	COB
20/07/2021	MS	mute swan	3	Flying over	Non-breeder	Watercourses	Roosting	4	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
20/07/2021	MS	mute swan	1	Flying over	Non-breeder	Watercourses	Roosting	4	COB
20/07/2021	MS	mute swan	4	Flying over	Non-breeder	Watercourses	Swimming	4	COB
20/07/2021	MS	mute swan	2	Flying over	Non-breeder	Watercourses	Upstream	4	COB
20/07/2021	SM	sand martin	9	Adult entering or leaving nest site	Confirmed breeding	Built land (e.g. buildings and stonework)	Gaps in quays	4	SB
20/07/2021	SM	sand martin	1	Flying over	Non-breeder	Watercourses	Perched on zipline	4	SB
20/07/2021	SM	sand martin	1	Flying over	Non-breeder	Watercourses	SM	4	COB
28/07/2021	TY	black guillemot	1			Watercourses	Attempted to enter hole in quay wall	5	COB
28/07/2021	TY	black guillemot	1			Watercourses	Attempted to enter hole in quay wall	5	COB
28/07/2021	TY	black guillemot	1	Flying over		Watercourses	Flying east	5	COB
28/07/2021	TY	black guillemot	1	Flying over		Watercourses	Flying east	5	COB
28/07/2021	TY	black guillemot	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	TY	black guillemot	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Swimming, hunting	5	SB
28/07/2021	TY	black guillemot	1	Flying over	Non-breeder	Watercourses	Swimming, hunting	5	SB
28/07/2021	BH	black-headed gull	3	Flying over		Watercourses	Flying west	5	COB
28/07/2021	BH	black-headed gull	3	Flying over		Watercourses	Flying west	5	COB
28/07/2021	BH	black-headed gull	15			Watercourses	Foraging	5	COB
28/07/2021	BH	black-headed gull	15			Watercourses	Foraging	5	COB
28/07/2021	BH	black-headed gull	2			Watercourses	Roosting	5	COB
28/07/2021	BH	black-headed gull	6			Watercourses	Roosting	5	COB
28/07/2021	BH	black-headed gull	2			Watercourses	Roosting	5	COB
28/07/2021	BH	black-headed gull	6			Watercourses	Roosting	5	COB
28/07/2021	BH	black-headed gull	2			Watercourses	Swimming	5	COB
28/07/2021	BH	black-headed gull	4			Watercourses	Swimming	5	COB
28/07/2021	BH	black-headed gull	2			Watercourses	Swimming	5	COB
28/07/2021	BH	black-headed gull	4			Watercourses	Swimming	5	COB
28/07/2021	CM	common gull	1	Flying over	Non-breeder	Watercourses	Perched on zipline, full adult plumage	5	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
28/07/2021	CM	common gull	1	Flying over	Non-breeder	Watercourses	Perched on zipline, full adult plumage	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 1m, 11:02	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 1m, 11:02	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 10:08	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Around dock, 2m, 10:08	5	SB
28/07/2021	CN	common tern	1	Flying over		Watercourses	Flying - east	5	COB
28/07/2021	CN	common tern	1	Flying over		Watercourses	Flying - east	5	COB
28/07/2021	CN	common tern	1	Flying over		Watercourses	Flying - southwest	5	COB
28/07/2021	CN	common tern	1	Flying over		Watercourses	Flying - southwest	5	COB
28/07/2021	CN	common tern	2			Watercourses	Flying east	5	COB
28/07/2021	CN	common tern	2			Watercourses	Foraging	5	COB
28/07/2021	CN	common tern	2			Watercourses	Foraging	5	COB
28/07/2021	CN	common tern	1			Watercourses	Foraging -flying east	5	COB
28/07/2021	CN	common tern	1			Watercourses	Foraging -flying east	5	COB
28/07/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses	Heading back to pontoon, 10m, 12:50	5	SB
28/07/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses	Heading back to pontoon, 10m, 12:50	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting from pontoon, 5m, went over bridge west, 12:48	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting from pontoon, 5m, went over bridge west, 12:48	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting here, from pontoon, 2m, 12:50	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting here, from pontoon, 2m, 12:50	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting, 07:26	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting, 07:26	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Over bridge, 10m, east, 13:01	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Over bridge, 10m, east, 13:01	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Over bridge, east, 10m, 13:09	5	SB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Over bridge, east, 10m, 13:09	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Over road, 5m, east, 12:58	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Over road, 5m, east, 12:58	5	SB
28/07/2021	CN	common tern	1			Sea walls	Perched	5	COB
28/07/2021	CN	common tern	1			Sea walls	Perched	5	COB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Perched on dock	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Perched on dock	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Perched on zipline, 08:53	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Perched on zipline, 08:53	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched, flew over bridge from grand canal 5m, 12:54	5	SB
28/07/2021	CN	common tern	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Perched, flew over bridge from grand canal 5m, 12:54	5	SB
28/07/2021	CA	cormorant	1	Flying over		Watercourses		5	COB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		5	SB
28/07/2021	CA	cormorant	1	Flying over		Watercourses		5	COB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		5	SB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying - northeast	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying - northeast	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying - west	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying - west	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	CA	cormorant	1	Flying over		Watercourses	Flying west	5	COB
28/07/2021	CA	cormorant	3	Flying over		Watercourses	Flying west-southwest	5	COB
28/07/2021	CA	cormorant	3	Flying over		Watercourses	Flying west-southwest	5	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
28/07/2021	CA	cormorant	1			Watercourses	Foraging	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Foraging	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Foraging	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Foraging	5	COB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Hunting in water	5	SB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Hunting in water	5	SB
28/07/2021	CA	cormorant	1			Watercourses	Perched	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Perched	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Roosting	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Roosting	5	COB
28/07/2021	CA	cormorant	1			Sea walls	Roosting	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Roosting	5	COB
28/07/2021	CA	cormorant	1			Watercourses	Roosting	5	COB
28/07/2021	CA	cormorant	1			Sea walls	Roosting	5	COB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West 1m	5	SB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West 1m	5	SB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West, 1m under bridge	5	SB
28/07/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West, 1m under bridge	5	SB
28/07/2021	H.	grey heron	1			Watercourses	Foraging	5	COB
28/07/2021	H.	grey heron	1			Watercourses	Foraging	5	COB
28/07/2021	H.	grey heron	1			Sea walls	Perched	5	COB
28/07/2021	H.	grey heron	1			Sea walls	Perched	5	COB
28/07/2021	H.	grey heron	1	Non-breeder e.g. sp observed but not known to breed in Ireland	Non-breeder	Watercourses	Perched on log	5	SB
28/07/2021	H.	grey heron	1	Non-breeder e.g. sp observed but not known to breed in Ireland	Non-breeder	Watercourses	Perched on log	5	SB
28/07/2021	HG	herring gull	3			Watercourses	Circling	5	COB
28/07/2021	HG	herring gull	3			Watercourses	Circling	5	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
28/07/2021	HG	herring gull	2	Flying over		Watercourses	Circling	5	COB
28/07/2021	HG	herring gull	25	Flying over		Watercourses	Circling	5	COB
28/07/2021	HG	herring gull	2	Flying over		Watercourses	Circling	5	COB
28/07/2021	HG	herring gull	25	Flying over		Watercourses	Circling	5	COB
28/07/2021	HG	herring gull	21			Watercourses	Foraging	5	COB
28/07/2021	HG	herring gull	21			Watercourses	Foraging	5	COB
28/07/2021	HG	herring gull	18			Watercourses	Roostng/Swimming	5	COB
28/07/2021	HG	herring gull	18			Watercourses	Roostng/Swimming	5	COB
28/07/2021	LB	lesser black-backed gull	1	Flying over		Watercourses	Circling	5	COB
28/07/2021	LB	lesser black-backed gull	1	Flying over		Watercourses	Circling	5	COB
28/07/2021	MS	mute swan	1			Watercourses	Foraging	5	COB
28/07/2021	MS	mute swan	1			Watercourses	Foraging	5	COB
28/07/2021	MS	mute swan	4			Watercourses	Foraging/Swimming	5	COB
28/07/2021	MS	mute swan	4			Watercourses	Foraging/Swimming	5	COB
28/07/2021	MS	mute swan	5			Watercourses	Swimming	5	COB
28/07/2021	MS	mute swan	5			Watercourses	Swimming	5	COB
28/07/2021	MS	mute swan	6	Flying over	Non-breeder	Watercourses	Swimming west	5	SB
28/07/2021	MS	mute swan	6	Flying over	Non-breeder	Watercourses	Swimming west	5	SB
28/07/2021	PW	pied wagtail	1	Fledged young still dependent on adult	Confirmed breeding	Built land (e.g. buildings and stonework)		5	SB
28/07/2021	PW	pied wagtail	1	Fledged young still dependent on adult	Confirmed breeding	Built land (e.g. buildings and stonework)		5	SB
28/07/2021	SM	sand martin	6	Adult entering or leaving nest site	Confirmed breeding	Built land (e.g. buildings and stonework)		5	SB
28/07/2021	SM	sand martin	6	Adult entering or leaving nest site	Confirmed breeding	Built land (e.g. buildings and stonework)		5	SB
28/07/2021	SM	sand martin	1			Watercourses	Foraging	5	COB
28/07/2021	SM	sand martin	2			Watercourses	Foraging	5	COB
28/07/2021	SM	sand martin	1			Watercourses	Foraging	5	COB
28/07/2021	SM	sand martin	2			Watercourses	Foraging	5	COB

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
28/07/2021	SM	sand martin	2	Flying over	Non-breeder	Watercourses	Hunting in docks	5	SB
28/07/2021	SM	sand martin	2	Flying over	Non-breeder	Watercourses	Hunting in docks	5	SB
06/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses		6	LG
06/08/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses	Around bay, 2m, 13:05	6	SB
06/08/2021	CN	common tern	3	Flying over	Non-breeder	Watercourses	Flying and calling loudly	6	LG
06/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Flying loop back to lock	6	LG
06/08/2021	CN	common tern	1	Adult carrying food	Confirmed breeding	Watercourses	Flying out towards bay	6	LG
06/08/2021	CN	common tern	1			Watercourses	Hunting	6	LG
06/08/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	Hunting, 2m, 13:08	6	SB
06/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	Hunting, not over bridge, 2m, 13:11	6	SB
06/08/2021	CN	common tern	2	Flying over	Non-breeder	Watercourses	On zipline, 08:55	6	SB
06/08/2021	CN	common tern	2			Built land (e.g. buildings and stonework)	Perched and calling 09:11	6	LG
06/08/2021	CN	common tern	2	Adult carrying food	Confirmed breeding	Built land (e.g. buildings and stonework)	Perched on lock, diving and caught fish, flew to pair, then flew off. 08:46. One individual BTO right leg ringed	6	LG
06/08/2021	CN	common tern	1			Built land (e.g. buildings and stonework)	Perched on pontoon	6	LG
06/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	West, over bridge, 15m, 12:46	6	SB
06/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses		6	LG
06/08/2021	CA	cormorant	2			Watercourses	2 adults swimming/hunting	6	LG
06/08/2021	CA	cormorant	1			Watercourses	Adult hunting	6	LG
06/08/2021	CA	cormorant	2	Flying over	Non-breeder	Watercourses	Flying	6	LG
06/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying up the liffey	6	LG
06/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West, 1m	6	SB
06/08/2021	CA	cormorant	3	Flying over	Non-breeder	Watercourses	West, 2m	6	SB
06/08/2021	FP	feral pigeon	1			Built land (e.g. buildings and stonework)	Entered suitable guillemot nest in wall	6	LG
06/08/2021	H.	grey heron	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flew up canal and landed	6	LG

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
06/08/2021	H.	grey heron	1			Built land (e.g. buildings and stonework)	Perched on pier. Poss same bird as observed to grow E	6	LG
06/08/2021	ET	little egret	1			Watercourses	1 adult feeding on bank	6	LG
06/08/2021	MS	mute swan	3			Watercourses	3 adults (view same time as other swans peak count 9) feeding on bank	6	LG
06/08/2021	MS	mute swan	3			Watercourses	3 adults swimming	6	LG
06/08/2021	MS	mute swan	3			Watercourses	Swimming adult (view same time as two groups of 3. Peak 9)	6	LG
06/08/2021	PW	pied wagtail	1	Bird in suitable nesting habitat	Possible breeder	Built land (e.g. buildings and stonework)	Juvenile by rocks	6	SB
06/08/2021	SM	sand martin	8	Adult entering or leaving nest site	Confirmed breeding	Built land (e.g. buildings and stonework)		6	SB
06/08/2021	SM	sand martin	24	Flying over	Non-breeder	Watercourses	Circle, 10m	6	SB
20/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	09:18, perched on zipline	7	SB
20/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	09:22, flew up canal, 10m	7	SB
20/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	09:25, perched, possibly same bird, flew over buildings	7	SB
20/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	10:34, perched zipline	7	SB
20/08/2021	CN	common tern	1	Flying over	Non-breeder	Watercourses	12:51, perched on boat	7	SB
20/08/2021	CO	coot	2	Flying over	Non-breeder	Watercourses	07:31, west, 40m	7	SB
20/08/2021	CO	coot	1	Flying over	Non-breeder	Watercourses	12:42, W, 10m	7	SB
20/08/2021	OC	oystercatcher	1	Flying over	Non-breeder	Watercourses	10:54, NE, 30m	7	SB
20/08/2021	SM	sand martin	10	Flying over	Non-breeder	Watercourses	Not observed nesting in Quay wall, flying over water 20m high	7	SB
27/08/2021	BH	black-headed gull	22			Watercourses	On bank feeding low tide	8	LG
27/08/2021	BH	black-headed gull	32			Watercourses	On bank low tide	8	LG
27/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	East, 30m, 07:26	8	SB
27/08/2021	CA	cormorant	2	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying above apartments on passage	8	LG
27/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying over	8	LG
27/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	Flying up river	8	LG

Date	BTO_Code	BTO_Name	MaxCount	Activity	BredngStat	Habitat	Notes	Survey	Surveyor
27/08/2021	CA	cormorant	1	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying up river towards canal	8	LG
27/08/2021	CA	cormorant	2	Flying over	Non-breeder	Watercourses	W, upstream, 30m, 07:18	8	SB
27/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West, 10m, 12:47	8	SB
27/08/2021	CA	cormorant	1	Flying over	Non-breeder	Watercourses	West, 1m, 07:35	8	SB
27/08/2021	GB	great black-backed gull	1			Watercourses	On bank (low tide)	8	LG
27/08/2021	H.	grey heron	1	Flying over	Non-breeder	Watercourses	East, 10m, 13:13	8	SB
27/08/2021	H.	grey heron	1	Flying over	Non-breeder	Watercourses	Flying up the canal	8	LG
27/08/2021	H.	grey heron	1			Watercourses	On bank hunting	8	LG
27/08/2021	HG	herring gull	4			Watercourses	Bank low ride	8	LG
27/08/2021	HG	herring gull	8			Watercourses	On bank low tide	8	LG
27/08/2021	LI	linnet	2			Built land (e.g. buildings and stonework)	Pair on ground	8	LG
27/08/2021	ET	little egret	1			Watercourses	Hunting at low tide	8	LG
27/08/2021	MA	mallard	4			Watercourses	Swimming	8	LG
27/08/2021	MU	Mediterranean gull	1			Built land (e.g. buildings and stonework)	In flock of BH on bank	8	LG
27/08/2021	MS	mute swan	4	Flying over	Non-breeder	Built land (e.g. buildings and stonework)	Flying from canal up river	8	LG
27/08/2021	MS	mute swan	3	Flying over	Non-breeder	Watercourses	SE, 30m, 07:18	8	SB
27/08/2021	MS	mute swan	3			Watercourses	Swimming	8	LG
27/08/2021	MS	mute swan	4	Flying over	Non-breeder	Watercourses	W, 10m, 2 near collision, 08:11	8	SB
27/08/2021	OC	oystercatcher	1	Flying over	Non-breeder	Watercourses	Flying up river and calling	8	LG
27/08/2021	OC	oystercatcher	1	Flying over	Non-breeder	Watercourses	Ne, 5m, 13:06	8	SB
27/08/2021	OC	oystercatcher	1	Flying over	Non-breeder	Watercourses	North, 30m, 11:18	8	SB
27/08/2021	PW	pied wagtail	2	Fledged young still dependent on adult	Confirmed breeding	Built land (e.g. buildings and stonework)	One adult feeding juvenile	8	LG
27/08/2021	RO	rook	3	Fledged young still dependent on adult	Confirmed breeding	Built land (e.g. buildings and stonework)	1ad 2 juv begging	8	LG

Table 3 - 2018-2019 Breeding Bird Surveys conducted by Scott Cawley Ltd. along the Proposed Scheme

Date	BTO_Code	BTO_Name	MaxCount
19/04/2018	TY	Black Guillemot	1
19/04/2018	TY	Black Guillemot	1
19/04/2018	CA	Cormorant	1
19/04/2018	CA	Cormorant	1
19/04/2018	MA	Mallard	1
19/04/2018	MA	Mallard	3
19/04/2018	MA	Mallard	3
19/04/2018	MA	Mallard	1
08/05/2018	TY	Black Guillemot	1
08/05/2018	CN	Common Tern	1
08/05/2018	CN	Common Tern	2
08/05/2018	CN	Common Tern	1
08/05/2018	CN	Common Tern	2
08/05/2018	CN	Common Tern	1
08/05/2018	CN	Common Tern	1
08/05/2018	CN	Common Tern	1
08/05/2018	CA	Cormorant	1
08/05/2018	CA	Cormorant	1
08/05/2018	CA	Cormorant	1
08/05/2018	MA	Mallard	2
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1

Date	BTO_Code	BTO_Name	MaxCount
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CN	Common Tern	1
30/05/2018	CA	Cormorant	1
30/05/2018	CA	Cormorant	1
30/05/2018	CA	Cormorant	1
30/05/2018	CA	Cormorant	1
30/05/2018	H.	Grey Heron	1
30/05/2018	MA	Mallard	1
30/05/2018	MA	Mallard	1
12/06/2018	TY	Black Guillemot	2
12/06/2018	CN	Common Tern	1
12/06/2018	CN	Common Tern	1
12/06/2018	CA	Cormorant	1
12/06/2018	CA	Cormorant	1
12/06/2018	CA	Cormorant	1
12/06/2018	CA	Cormorant	1
12/06/2018	MA	Mallard	1
12/06/2018	MS	Mute Swan	1
27/06/2018	TY	Black Guillemot	2

Date	BTO_Code	BTO_Name	MaxCount
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	2
27/06/2018	CN	Common Tern	3
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	2
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	2
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1

Date	BTO_Code	BTO_Name	MaxCount
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CN	Common Tern	1
27/06/2018	CA	Cormorant	1
27/06/2018	H.	Grey Heron	1
08/05/2019	CN	Common Tern	1
08/05/2019	CN	Common Tern	1
08/05/2019	CN	Common Tern	4
08/05/2019	CN	Common Tern	2
08/05/2019	CN	Common Tern	4
08/05/2019	CN	Common Tern	1
08/05/2019	CN	Common Tern	2
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	3
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	CA	Cormorant	1
08/05/2019	MA	Mallard	1

Date	BTO_Code	BTO_Name	MaxCount
08/05/2019	MS	Mute Swan	4
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	2
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	2
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	1
24/05/2019	CN	Common Tern	1
24/05/2019	CA	Cormorant	1
24/05/2019	MS	Mute Swan	1
11/06/2019	TY	Black Guillemot	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	2

Date	BTO_Code	BTO_Name	MaxCount
11/06/2019	CN	Common Tern	3
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	2
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CN	Common Tern	1
11/06/2019	CA	Cormorant	1
11/06/2019	MA	Mallard	3
11/06/2019	MS	Mute Swan	1
25/06/2019	TY	Black Guillemot	1
25/06/2019	TY	Black Guillemot	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	2
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1

Date	BTO_Code	BTO_Name	MaxCount
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	1
25/06/2019	CN	Common Tern	3
25/06/2019	CN	Common Tern	1
25/06/2019	CA	Cormorant	1
25/06/2019	CA	Cormorant	1
25/06/2019	CA	Cormorant	1
25/06/2019	CA	Cormorant	1
25/06/2019	CA	Cormorant	1
25/06/2019	CA	Cormorant	1
25/06/2019	H.	Grey Heron	1
25/06/2019	MG	Magpie	1
25/06/2019	MS	Mute Swan	1
25/06/2019	MS	Mute Swan	3
01/07/2019	TY	Black Guillemot	1
01/07/2019	TY	Black Guillemot	1
01/07/2019	TY	Black Guillemot	2
01/07/2019	TY	Black Guillemot	1
01/07/2019	TY	Black Guillemot	1
01/07/2019	TY	Black Guillemot	1

Date	BTO_Code	BTO_Name	MaxCount
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	2
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	3
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	1
01/07/2019	CN	Common Tern	1
08/07/2019	TY	Black Guillemot	1
08/07/2019	TY	Black Guillemot	1
08/07/2019	TY	Black Guillemot	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	2
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1

Date	BTO_Code	BTO_Name	MaxCount
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	2
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CN	Common Tern	1
08/07/2019	CA	Cormorant	1
08/07/2019	CA	Cormorant	1
08/07/2019	CA	Cormorant	1
08/07/2019	CA	Cormorant	1
08/07/2019	GH	Grasshopper Warbler	1

Date	BTO_Code	BTO_Name	MaxCount
08/07/2019	MS	Mute Swan	1
24/07/2019	CN	Common Tern	1
24/07/2019	CN	Common Tern	2
24/07/2019	CN	Common Tern	1
24/07/2019	CN	Common Tern	1
24/07/2019	CN	Common Tern	2
24/07/2019	CN	Common Tern	1
24/07/2019	CA	Cormorant	1
24/07/2019	CA	Cormorant	1
24/07/2019	CA	Cormorant	1
24/07/2019	CA	Cormorant	1
24/07/2019	CA	Cormorant	1
24/07/2019	MS	Mute Swan	2