

APPENDIX 10.15

**MONTHLY SURVEYS IN 2005 AND 2006 OF BIRDS USING THE MERSEY GATEWAY CORRIDOR ACROSS THE UPPER MERSEY ESTUARY,
IN AREAS UP TO 500 METRES AND BEYOND 500 METRES ON BOTH SIDES OF THE PROPOSED MERSEY GATEWAY BRIDGE**

TABLE 1 RESULTS OF THE MONTHLY BIRD SURVEYS IN 2005				
	Birds within 500 metres of centre-line of bridge		Birds beyond 500 metres of centre-line of bridge	
	Birds downstream (west)	Birds upstream (east)	Birds downstream (west)	Birds upstream (east)
8-9th JANUARY 2005				
Widnes Warth Saltmarsh	CGx20+ MP S	H MGx2 MGx8 MP MPx2 RB RB RK T WPx40+	None	H Lx4 MGx6 MP MPx4 Llx30+ RB RB RB SKx6
Astmoor Saltmarsh	BZ	Hx3 MG MP MP MPx2 S	None	H MGx2 MGx2 MPx20+
River channel, margins and flats	BHx40+ BHx400 BHx30+ CAx2 CMx10+ CMx16 CUx26 DNx25 GE GBx15 HGx120+ HGx60+ Lx400+ MSx14 LGx70+ PEREGRINE FALCON RKx2 Tx16	BHx40+ BHx50+ Cx2 CAx5 CUx3 GBx4 HGx16 H IGx<10 Lx300 MAx20	BHx60+ CMx2 Max4 Tx7	BHx120+ BHx20+ BHx60+ BHx100+ CAx4 CAx2 CMx10+ CGx4 DNx7 GBx2 GBx6 GPx4 H H HGx20+ HGx30 Lx70+ Lx600+ LGx120+ MAx30+ RKx4 RKx2 SUx56
TOTALS	BHx470+ BZ CAx2 CGx20 CMx26 CUx26 DNx25 GE GBx15 HGx180+ Lx470+ MP MSx14 PEREGRINE RKx2 S Tx16	BHx90+ Cx2 CAx5 CUx3 Hx5 GBx4 HGx16 IGx10 Lx300+ MAx20 MGx11 MPx7 RBx3 RKx1 S Tx1 WPx40+	BHx60+ CMx2 Max4 Tx7	BHx300+ CAx6 CMx10 CGx4 DNx7 GBx12 Hx4 HGx50+ Lx674+ LGx120+ Llx30+ MAx30+ MGx10 MPx25 RBx3 RKx6 SKx6 SUx55
CONTINUED				

TABLE 1 CONTINUED				
	Birds within 500 metres of centre-line of bridge	Birds beyond 500 metres of centre-line of bridge		
	Birds downstream (west)	Birds upstream (east)	Birds downstream (west)	Birds upstream (east)
12th & 13th FEBRUARY 2005				
Widnes Warth Saltmarsh	C CGx6 HGx200+ LGx150+ MPx2 MP MP S SGx6	MPx2 MAx2 MP MPx2 RB S S	None	GO MP MP MP MP RB RB RB S
Astmoor Saltmarsh	MP	HGx2 MP MPx2 WPx20+	MGx2	MPx4 MPx20+ S Sx2
River channel, margins and flats	BHx40+ BHx20+ CAx2 GBx2 LBx40+ MAx6 PEREGRINE FALCON RKx2 RKx11 Tx2	BHx30+ BHx40+ CMx2 HGx30+ LBx7 MAx6 SUx3	BHx70+ BHx120+ CUx6 HGx20+ LBx5 Max6 Tx4	BHx70 BHx300 BHx4 BHx6 CAx4 CGx70 CMx6 CMx6 CMx2 CUx41 HGx24 LBx60 LBx130 LBx13 MAx8 SUx6 SUx12 SUx14
TOTALS	BHx60+ C CAx2 CGx6 GBx2 HGx200+ LBx40+ LGx150+ MAx6 MPx5 PEREGRINE FALCON RKx13 S SGx6 Tx2	BHx70+ CMx2 HGx32+ LBx7 Max8 MPx8 SUx3 WPx20+	BHx190+ CUx6 HGx20+ LBx5 MAx6 MGx2 Tx4	BHx380+ CAx4 CGx70 CMx14 CUx41 GOx1 HGx24 LBx204 MAx8 MPx28 RBx2 Sx4 SUx88
15th & 16th MARCH 2005				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
15th & 16th MARCH 2005				
Widnes Warth Saltmarsh	MP MP MPx2 S S	CGx2 K MGx2 MP MPx4 MP MPx2 RKx2 RB RB S S S S S WPx40+	None	CGx2 MPx2 MP MP MP RB RB RB RB RB S S S S S S
Astmoor Saltmarsh	MGx6 S	MP MP MP MP MPx2 S S S	None	BZ CGx37 SE S
River channel, margins and flats	BHx30+ BHx40+ CMx2 CUx12 HGx5 LBx12 MAx6 PEREGRINE FALCONx2	None	BHX60+	BHx50+ BHx150+ BHx30+ BHx80+ BHx200+ CAx4 CMx8 CMx6 CMx25 CMx23 CGx2 CUx2 GBx6 GBx4 GBx3 GBx12 HGx60+ HGx14 HGx60+ HGx120+ HGx8 LBx42 LBx120+ LBx150+ LGx70+ SUx11 SUx2 SUx8
TOTALS	BHx0+ CMx CUx12 HGx5 LBx12 MAx6 MGx6 MPx4 PEREGRINE FALCONx2 Sx3	CGx2 Kx1 MGx2 MPx14 RBx2 RKx2 Sx8 WPx40+	BHX60+	BHx510+ BZ CAx4 CMx62 CGx39 CUx2 GBx42 HGx262+ LBx312+ LGx70+ MPx5 RBx4 Sx7 SEx1 SUx21
CONTINUED				

TABLE 1 CONTINUED				
	Birds within 500 metres of centreline of bridge	Birds beyond 500 metres of centre line of bridge		
	Birds downstream (west)	Birds upstream (east)	Birds downstream (west)	Birds upstream (east)
12th APRIL 2005				
Widnes Warth Saltmarsh	MP MP MP MPx4 RB S S S	MAx2 MP MP MP MP MP MPx2 MPx4 MPx2 MP MP MP MP MP MPx2 MPx2 RB RBx2 RK RKx2 RKx2 S Sx3 S S S S S S SX2 S S S	None	MP MP MP MPx2 MP MP MP MPx2 RB RB RB RB RB RB RB SX3 S S S S S SD
Astmoor Saltmarsh	MGx2 MP MP RK S WPx2	MP MP MPx2 MPx2 S S S S	None	MP MP MP MP MPx2 MPx2 MP MP MP MP MPx2 MPx2 MP MP MP MP MP MP MP RB RKx2 Sx2 S S S S S S S S
River channel, margins and flats	BH BH MA MA SUx36	BHx6 CMx2	None	BHx4 BHx4 C CA CGx20+ CM CMx3 Grey-lag Goosex2 GBx12 H HGx20+ Lx3 LGx60+ LGx56 MG OC SUx2 SUx16
TOTALS	BHx2 MAx2 MGx2 MPx9 RBx1 RKx1 Sx4 SUx36 WPx2	BHx6 CMx2 MAx2 MPx28 RBx3 RKx5 Sx19	None	BHx8 Cx1 CAx1 CGx20+ CMx4 GBx12 GREYLAGx2 Hx1 HGx20+ Lx3 LGx116+ MGx1 MPx33 OCx1 RBx8 RKx2 Sx13 SUx18 SDx1
20th May 2005				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream (west)	Birds upstream (east)	Birds downstream (west)	Birds upstream (east)
Widnes Warth Saltmarsh	MP MP S S S	CGx2 MGx2 MP MP MP MP MP MP RB RB RK RKx2 S S S S Sx2 SGx30+ WPx2	None	GOx2 MGx2 MP MPx2 MP MPx2 MP MP RB RB RB RB RB S S S SM
Astmoor Saltmarsh	MPx2 MGx2	MP MPx2 SMx4 SMx10 S WH	None	MP MPx4 MP MPx2 MP MP MP MPx2 MP MPx4 MP MP MP MP MP MP MP S S S S S S S SMx30
River channel, margins and flats	BHx40+ BHx40+ BHx6 GBx2 H HGx6 HGx5 LGx24 LGx3 MAx4 SUx6 SUx4	None	Max2	BHx20+ BHx50+ BHx20+ CAx4 CGx22 GBx6 H HGx6 LGx6 LGx30 MAx2 MAx17 SUx2 SUx14
TOTALS	BHx86+ GBx2 Hx1 HGx11 LGx27 MAx4 MGx2 MPx4 Sx3 SUx10	CGx2 MGx2 MPx9 RBx2 RKx3 Sx7 SGx30+ SMx14 WH WPx2	Max2	BHx90+ CAx4 CGx22 GBx6 GOx2 Hx1 HGx6 LGx36 MAx19 MGx2 MPx33 RBx5 Sx11 SMx1 SUx16
CONTINUED				

TABLE 1 CONTINUED				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream (west)		Birds upstream (east)	
22nd JUNE 2007				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	Llx20 MPx2 MPx2 MPx4 MP S S	MGx2 MP MP MP MPx4 MPx4 MPx4 MP MP MP MPx4 MP RB RK RK S S S S S S	None	GOx4 MPx2 MP MP MP MP MP MP RB RB RB RB RB RB RB S S S SW SW WPx2
Astmoor Saltmarsh	MGx2 MP	MP MPx2 MP MP MPx2 MP MP RB S S S WPx4	None	MPx40+ MPx2 RB RB RK S S S SW
River channel, margins and flats	BHx12 BHx8 CAx2 GBx6 H HGx20 LBx50+ RKx4 SUx32	BHx200+ CAx4 GBx2 HGx6 Lx16 LBx35 MSx2	None	BHx30+ BHx4 BHx60 BHx10+ BHx2 CGx24x20y GBx2 GBx7 GBx8 HGx10 HGx7 LBx60+ LBx60+ Lx41 SUx6 SUx2
TOTALS	BHx20 CAx2 GBx6 Hx1 HGx20 LBx50 Llx20 MGx2 MPx10 RKx4 Sx2 SUx32	BHx200+ CAx4 GBx2 HGx6 Lx16 LBx35 MGx2 MPx32 RBx2 RKx2 Sx9 WPx4 MSx2	None	BHx106+ CGx24&20Y GBx16 GOx4 HGx17 LBx120+ Lx41 MPx50 RPx9 RKx1 Sx6 SWx3 SUx8 WPx2
15th JULY 2005				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	Nil	MPx100+ RB Sx16	None	Cx3 MG MP RB RB RB RB RB SW
Astmoor Saltmarsh	MGx4	RB RB	None	MAx100+ OSPREY RB Sx40
River channel, margins and flats	BHx40 BHx6 BHx20+ CAx2 CUx4 CG DNx4 Lx14 RPx2 SUx73	BHx6 BHx40+ BHx60+ CMx4 CMx4 GBx2 GBx6 HGx20 HGx6 Lx14 LBx34 LBx30	BHx120+ GBx3 LBx14	BHx74 BHx80+ BHx200+ BHx30+ CAx3 CGx60+ CMx4 CUx17 GBx6 GBx6 H H HGx60+ HGx14 Lx6 LBx14 LBx30+ LBx200+ Lx35 MAx20+ RKx3 RK SUx2 SUx2 SUx12
TOTALS	BHx66 CAx2 CUx4 CGx1 DNx4 Lx14 MGx4 RPx2 SUx73	BHx106+ CMx8 GBx8 HGx26 Lx14 LBx64 MPx100+ RBx3 Sx16	BHx120+ GBx3 LBx14	BHx384+ CAx3 Cx3 CGx60+ CMx4 CUx17 GBx12 Hx2 HGx74+ Lx41 LBx244+ MAx120+ MGx1 MPx2 OSPREY RBx7 RKx4 SUx16 Sx40
CONTINUED				

TABLE 1 CONTINUED				
	Birds within 500 metres of centreline of bridge	Birds beyond 500 metres of centre line of bridge		
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
11th AUGUST 2005				
Widnes Warth Saltmarsh	HMx200+ MPx4 MPx2 MP WPx50+	GOx8 Llx14 MPxfam MPxfam MPxfam MPxfam MPxfam MPx2 MPx2 MPx4 MPx4 MPx6 MP MP Sx2	None	GLx40 Llx35 MP MP MPx3 MPx4 MP MPx2 MPxfam RB RBx2 RBxfam S S
Astmoor Saltmarsh	MP	MPx100+ Sx10	None	None
River channel, margins and flats	BHx120+ BHx60+ CAx2 CMx2 CMx3 CUx8 GBx4 H HGx6 HGx20 Lx34 LBx30+ MAx6 RKx3	BHx50+ CAx2 Cx5 CUx2 CUX3 GREY PLOVERx2 H Lx4 LGx2 RK RPx3 SUx114	BHx1100+ BHx200+	BHx32 BHx100 BHx200+ BH BHx300+ BHx350+ CAx2 CMx2 CM CUx4 CUx2 GBx8 GBx3 GBx10 H HGx4 HGx30+ HGx60 HGx20+ LBx75+ LBx50+ LBx100+ Lx6 RK RKx3 RKx2
TOTALS	BHx180+ CAx2 CMx5 CUx8 GBx4 Hx1 HGx26 HMx200+ Lx34 LBx64 Max6 MPx8 RKx3 WPx50+	BHx50+ CAx2 Cx5 CUx5 GREY PLOVERx2 GOx8 Hx1 Lx4 LGx2 Llx14 MPxfamx6 MPx120+ RK RPx3 Sx12 SUx114	BHx1300+	BHx983+ CAx2 CMx3 CUx6 GBx21 GLx40 HGx114 Llx35 Lx6 LBx225+ MPx12 MPxfam LBx3 RBxfam RKx6 Sx2
19th SEPTEMBER 2005				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	MP WPx60+	GOx7 MP MP MPx2 SGx6 WPx30+	None	MP MPx12 RB RK RP
Astmoor Saltmarsh	None	MP MPx2 SLx4	None	MP MPx2 MPx20+ SLx4
River channel, margins and flats	BHx25 BHx45 CA CUx11 HGx6 H MAx14 MAx2 MSx4 SUx19 Tx60	BHx20+ H H	BHx20+ BHx250+ CUx8 GBx2 HGx39	BHx230+ BHx200+ BHx1200+ C CAx2 CMx45+ CUx14 GADx240+ GADx123 GEx2 GBx2 GBx75 GBx2 HGx65 HGx400+ H Lx1200+ Lx54 LBx450+ LBx35 RKx2 SMx2 SUx14 SUx45 SUx50
TOTALS	BHx70 CA CUx11 HGx6 Hx1 MAx16 MSx4 MPx1 SUx19 Tx60 WPx60+	BHx20+ Hx2 GOx7 MPx7 SGx6 SLx4 WPx30+	BHx270+ CUx8 GBx2 HGx39	BHx1630+ C CAx2 CMx45 CUx14 GADx363+ GEx2 GBx79 HGx465+ Hx1 Lx1254+ LBx485 MPx36 RBx1 RKx3 RPx1 SMx2 SLx4 SUx104
CONTINUED				

TABLE 1 CONTINUED				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream		Birds upstream	
10th OCTOBER 2005				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream (west)	Birds upstream (east)	Birds downstream (west)	Birds upstream (east)
Widnes Warth Saltmarsh	MPx2 WPx70+	MGx2 MPx4r MPx20+ RB RKx2	None	GOx10+ Llx10+ MP MP MPx2 RB S
Astmoor Saltmarsh	MP	MGx2 MP MPx2 RB	None	K MP
River channel, margins and flats	BHx40+ BHx33 Cx11 CAx2 CUx6 CMx6 GBx3 H H HGx14 LBx50+ Lx20 Max15 MSx8 SUx23	CUx8	BHx20+ Cx2 Max2	BHx1500+ BHx200+ BHx120+ CAx13 CMx10+ GBx40+ GADx40+ GBx2 H H HGx60+ HGx1200+ Lx250+ LBx1500+ LBx60+ RKx4 SUx120+ Tx130 Tx75+
TOTALS	BHx73+ CAx2 Cx11 CMx6 CUx6 Hx2 GBx3 HGx14 MAX15 Lx20 LBx50+ MSx8 MPx3 SUx23 WPx70+	CUx8 MGx4 MPx27 RKx2 RBx2	BHx20+ Cx2 Max2	BHx1820+ CAx13 CMx10+ GADx40+ GOx10+ GBx42+ Hx2 HGx1260+ Kx1 Lx250+ LBx1560+ Llx10+ MPx5 RBx1 RKx4 Sx1 Tx105 SUx120+
22nd & 23rd NOVEMBER 2005				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	Llx2 MAx4 MP SGx8	MGx4 MP MP MPx2 RB RKx2 SDx200+ WPx90+	None	Cx3 GOx20 LI MPx2 RB RP SN SNx2
Astmoor Saltmarsh	H	BZ MGx2 MP	None	None
River channel, margins and flats	BHx150+ BHx200+ CAx2 CMx6 CUx6 GBx5 HGx25 LBx17 MAX13 PEREGRINE FALCON SUx42	BHx400+ BHx66+ CMx16 GBx2 HGx20+ LBx40+	BHx40+ BHx130+ BHx40+ CAx2 CMx8 CUx4 GBx3 HGx35 Lx10 LBx16 MAx2 Tx14	BHx150+ BHx300+ BHx350+ BHx80+ BHx30+ CAx4 CMx6 CMx10+ CMx12 CMx10+ GBx20+ GBx2 GBx7 GBx6 H HGx11 HGx200+ HGx40+ HGx15+ LBx25 LBx250+ LBx40+ LBx200+ MAx70+ MAx200+ RKx2 RKx4 SUx4 SUx34
TOTALS	BHx350+ CAx2 CMx6 CUx6 Hx1 GBx5 HGx25 LBx17 Llx4 MAX17 PEREGRINE FALCON MPx1 SGx8 SUx42	BHx466+ BZ CMx16 GBx2 HGx20 LBx40+ MGx6 MPx9 RBx1 RKx2 SDx200 WPx90+	BHx200+ CAx2 CMx8 CUx4 GBx3 HGx35 Lx10 LBx16 Max2 Tx14	BHx910+ CAx4 Cx3 CMx42+ GBx35+ GOx20 HGx266+ Hx1 LI LBx515+ MAx270+ MPx2 RBx1 RPx1 RKx6 SMx3 SUx38
CONTINUED				

TABLE 1 CONTINUED				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream		Birds upstream	
14th & 15th DECEMBER 2005				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	MP MPx3 WPx40+	H Lx150+ Llx16+ MGx2 MPx2 MP MP MP MPx10+ MPx4 SDx60+	None	BZ MPx2 MP MPx2 RB RB S SN Tx16 WPx150+
Astmoor Saltmarsh	MGx3 MPx2	MGx3 MP MP RB	B	BZx2 PEREGRINE FALCON
River channel, margins and flats	BHx60+ BHx300+ Cx4 Cx2 CAx2 CMx2 CUx21 HGx6 LBx32 MAX33 RK SUx32 Tx16	BHx150+ BHx150+ CMx8 GBx6 HGx40+ LBx60+ MAX6 MGx6 RK	BHx200+ BHx60+ BHxseveral 100> BHx400+ BHx60 CA CMx2 CUx3 GBx2 H HGx3	BHx750+ BHx800+ BHx200+ BHx400+ CAx3 CMx2 CMx16 CMx10 GBx4 GBx7 HGx100+ HGx150+ HGx230+ LBx80+ LBx65+ MAX30+ RKx3 SUx43 Tx70+
TOTALS	BHx360+ Cx6 CAx2 CMx2 CUx21 HGx6 LBx32 MAX33 MGx3 MPx7 WPx40+ RK SUx32 Tx16	BHx300+ CMx8 GBx6 H HGx40+ Lx150+ Llx16+ LBx60+ MAX16 MGx11 MPx21 RKx1 SDx60+	BH>800 CAx1 CMx2 CUx3 GBx2 H HGx3	BHx2150+ BZx3 CAx3 CMx28 GBx11 HGx480+ LBx145+ MAX30+ MPx5 RBx2 RKx3 SUx43 SN S Tx86+ WPx150+
GRAND TOTALS				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
TOTALS	BHx1807 BZx1 CAx17 Cx18 CGx32 CMx47 CUx94 DNx29 GEX1 GBx37 Hx4 HGx493 Lx538 LBx248 LGx127 Llx24 MAX105 MGx19 MPx53 MSx26 PEREGRINEx5 RKx23 RPx2 Sx14 SGx14 SUx267 WPx172+ Tx78	BHx1308 BZx1 Cx7 CGx4 CMx36 CUx16 GBx22 GOx7 Grey Ploverx2 Hx9 HGx140+ IGx10 Kx1 Lx484 LBx206+ Llx30 MAX46 MGx38 MPx394 MSx2 RBx18 RKx19 RPx3 Sx72 SDx260 SGx36+ SLx4 SUx117 Tx1 WPx226+	BHx3020 Cx2 CAx3 CMx12 CUx21 GBx5 Hx1 HGx97 Lx10 LBx35 MGx2 Tx25	BHX9271 BZX4 CX8 CAX47 CMX222 CUX80 CGX239 DNX7 GBX288 GADX409 GEX2 GREYLAGX2 GOX37 HX12 HGX3038 KX1 LX2269 LBX3810 LIX117 LGX226 MAX703 MGX14 MPX235 OCX1 OSPREYX1 RBX34 RKX32 RPX11 SX85 SDX1 SEX1 SKX6 SLX4 SMX6 SUX551 SWX3 TX187 WPX152

TABLE 2 RESULTS OF THE MONTHLY BIRD SURVEYS IN 2006

	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream (west)	Birds upstream (east)	Birds downstream (west)	Birds upstream (east)
18th & 20th JANUARY 2006				
Widnes Warth Saltmarsh	MPx7 RB WPx40	Sx20+ Llx6 MP MP MPx20	N/A	CG
Astmoor Saltmarsh	RK	MP MPx11	N/A	B2
River channel, margins and flats	BHx120 BHx80+ CA CAx4 CUx7 GBx2 Lx3 MAX7	BHx20+ GB MAX6 MS RK SUx47	BHx350+ CMx25+ CUx12 HGx6 Lx17 MAX8	BHx700+ CAx5 CGx50+ CHx45+ GBx6 HGx30+ LAx40+ SNx2 SUx3
Totals	BHx 80+ CAx5 CUx7 GBx2 Lx3 Max7 MPx7 RBx2 RKx1 WPx40	BHx20 GBx1 Llx6 MAX6 MPx14 MSx1 RKx1 Sx20+ SUx47	BHx350+ CMx25+ CUx12 HGx6 Lx17 Max8	Bx2 BHx700+ CAx5 CGx51+ CHx45+ GBx6 HGx30+ LAx40+ SNx2 SUx3
15th & 16th FEBRUARY 2006				
Widnes Warth Saltmarsh	MP MPx2 S	CA MPx2 MPx4 RB RBx2 RK S	N/A	BHx150+ BHx30+ BHx600+ CGx34 CHx3 CMx3 HGx80+ HGx40+ GBx6 LBx20 MAX18 LBx40+ SUx4
Astmoor Saltmarsh	MP RK	MP RB S	BHx250 CMx4 CVx2	None
River channel, margins and flats	BHx200+ BHx400+ CAx3 CMx16 CMx16 CUx2 CUx8 GBx2 GBx2 H HGx40+ LBx20+ Lx50+ MAX8 MSx2 RKx2 RKx4 Tx90+ SUx20+	BHx400+ CMx7 CMx20 GBx16 HGx500+ HGx200+ LBx150 LBx200+	BHx250 CMx4 CUx2	BHx30+ BHx150+ BHx600+ CGx34 CMx3 GBx6 HGx4 HGx40+ HGx80+ LBx20 LBx40 MAX18 RK SUx4
TOTALS	BHx600+ CAx3 CMx16 CUx10 GBx4 H HGx40+ LBx20+ Lx50+ MAX8 MPx4 MSx2 RKx7 Tx90+ S SUx20+	CAx1 BHx400+ CMx27 GBx16 HGx700+ LBx350 MPx7 RBx4 RKx1 Sx2	BHx500 CMx8 CUx2	BHx1560 CGx68 CMx6 GBx12 HGx244 LBx80 MAX36 RK SUx4
CONTINUED				

TABLE 2 CONTINUED

	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
MARCH 2006				
Widnes Warth Saltmarsh	CGx8 MP MP Sx3 WPx30+	CGx2 CGx2 MGx2 MP MP MP MP MPx4 RB RP RK S S S Sx2 SCx2	N/A	GOx2 MP MP MP MP MPx2 RB RB RB S S Sx2 SNx2
Astmoor Saltmarsh	MP	MP MP MP MPx2 MPx2 RB S S S	N/A	MP MP MP MP MP MP MPx4 MPx2 MP RB S S S S
River channel, margins and flats	BHx46 BHx90+ BHx24 CAx2 CMx5 CMx17 CMx8 GBx2 H MAx2 MSx2 RKx2 SUx6 SUx14 Tx60+	Cx8 CU GB Max2	BHx41 CMx6 H	BHx40+ BHx500+ CMx30+ GBx6 LBx150+ MGx100+ SUx6 SUx36
TOTALS	BHx160 CAx2 CGx8 CMx30 GBx2 H MAx2 MSx2 MPx3 RKx2 SUx20 Sx3 Tx60+ WPx30	CGx4 CU Cx8 GB MAx2 MGx2 MPx15 RBx2 RP RK Sx8 SCx2	BHx41 CMx6 H	GOx2 BHx540+ CMx30+ GBx6 LBx150+ MGx100+ MPx18 RBx4 Sx5 SNx2 SUx42
APRIL 2006				
Widnes Warth Saltmarsh	MP MPx2 MPx4 S S	H MP MP MP MP MP MP MPx2 MP MP RB RB RK S S S ST S SUx2 S S WR	N/A	MP MP MP MP MPx2 RB RB RB RB RB S S WR
Astmoor Saltmarsh	RK S	MP MP MP MPx2 RB S S	N/A	MP MP MPx2 MPx4 S S S
River channel, margins and flats	BHx40r CA CA CMx3 H HG LBx3 Max2 RKx2 Tx16	Max6 MSx2	BHx20+	BHx30+ BHx2 CM CMx4 CGx17 LBx3 RK SUx22
TOTALS	BHx40r CAx2 CMx3 H HG LBx3 Max2 RKx3 Tx16 MPx7 Sx3	H MAx6 MPx15 MSx2 RBx3 RKx1 Sx8 STx1 SUx2 WRx1	BHx20+	BHx32+ CMx5 CGx17 LBx3 MPx14 RBx5 RK Sx8 SUx22 WRx1
CONTINUED				

TABLE 2 CONTINUED

MAY 2006				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream (west)	Birds upstream (east)	Birds downstream (west)	Birds upstream (east)
Widnes Warth Saltmarsh	MGx2 S SGx20+f	MP MP MP MP MP MPx4 MP MPx2 MP RB RB RB RK RK RK S S S S S S	N/A	MP MP MP MPx2 RB RB RB RB S S S
Astmoor Saltmarsh	MP	MP MP MP S S S	N/A	MP MP MP MP MP MP MP MP MP MPx2 MPx2 RB SW S S S S S
River channel, margins and flats	BHx13 BHx30 BHx25 CMx2 GBx2 MAx2 MSx2 SUx4	BHx25+ BHx6 CMx2 HG HGx2 LGx4	Max2	BHx4 BHx40+ CAx2 CAx2 CGx6 H H HGx6 LGx6 MAx2 RK SUx2
TOTALS	BHx68 CMx2 GBx2 MAx2 MGx2 MP MSx2 S SGx20f SUx4	BHx31 CMx2 HGx3 LGx4 MPx16 RKx3 xX9	Max2	BHx44 CAx4 CGx6 Hx2 HGx6 LGx6 MAx2 MPx18 RBx5 RK Sx8 SUx2
1ST JUNE 2007				
	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	MP MP MPx2 S S SGx50+f	H MPx2 MP MP MP MP MPx3 MPx2 MP MP MPx3 MPx3 MGx2 RB RH RK S S S S Sx2 SGx30+f	N/A	LI MP MP MP MPx2 MPxfam MPxfam RB RB S S SW
Astmoor Saltmarsh	Max2 MP	MP MP MP MP MPx2 MPx2 MPx4 MPx2 RB RB RK S S S SW	N/A	MP MP MP MP MP MP MP MP MP MPx2 MPx2 MPx2 RB RK S S S S S SW
River channel, margins and flats	BHx3 BHx3 CAx2 Cx2 CGx2 MAx2 SUx2	CAx3 H RK W	BHx3 Cx2 HGx5 LBx2 Max6	BHx4 BHx2 BHx6 CAx2 CAx2 CAx2 CGx2+4Y CGxfam CGx16 HGx2 LA2 Lx4 LB LBx3 SUx7 SUx23
TOTALS	BHx6 Cx2 CAx2 CGx2 MAx4 MPx5 Sx2 SGx50+ SUx2	CAx3 Hx2 MGx2 MPx33 RBx3 RHx1 RKx3 Sx9 SGx30f SWx1	BHx3 Cx2 HGx5 LBx2	BHx12 CAx6 CGx2+4Young CGxfam CGx16 HGx2 LAx2 LI MPx21+2fam RBx3 Sx7 SWx2
CONTINUED				

TABLE 2 CONTINUED

6th JULY 2006

	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centre line of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	MP MP MPx3 MP S	MP MP MP MP MP MP MP MPx2 MPx2 MPx4 MGx2 RB RB RB RB RK RK S Sx2 Sx2 Sx2 S S S S Sx4 SC	N/A	MP MP MP MPx6 MP MGx2 RB RB RB RB SMx6 S
Astmoor Saltmarsh	MP RK	MP MP MP MP MPx2 MPx4 RB RB S	N/A	MP MP MP MP MP MP MPx2 MPx2 MPx2 MPx4 Sx2 Sx2 Sx2 S S2 S2 S2 SMx15+
River channel, margins and flats	BHx4 BHx20+ BHx40+ CMx5 HGx20+ GADx7 GBx8 LBx3 LBx50+	BH BHx2 BHx20+ Cx2 CUx7 H LB Peregrine Falcon SUx6	LBX5	BHx2 BHx3 BHx4 BHx9 BHx7 C CGx70 CUx7 CMx3 CMx2 GBx6 GBx4 HGx4 Lx13 LBx4 LBx24 LBx18 MGx2 SMx40+ SUx2
TOTALS	BHx64 CMx5 GADx7 GBx8 HGx20 LBx53 MPx7 Sx1	Bx23 Cx2 CUx7 Hx1 LBx1 MGx2 MPx25 RKx2 RBx6 Sx16 SCx1	LBx5	BHx25 CX1 CGx70 CMx5 CUx7 Hx4 GBx10 Lx13 LBx46 MGx4 MPx26 RBx4 Sx14 SMx55 SUx2

24th AUGUST 2006

Widnes Warth Saltmarsh	None	MP MPx2 RB S SMx12	N/A	MP RB RB
Astmoor Saltmarsh	None	MP MPx2 RB	N/A	BZ BZ MP MPx4 S S
River channel, margins and flats	BHx30 BHx30+ BHx250+ BHx40+ CMx26 CMx6 GBx2 GBx16 HGx55+ LBx4 LBx20+ MAx2 MSx8 SUx105	BHx30+ BHx2 CMx4 CU GBx2 GBx4 HGx6 LBx15	None	BHx50+ BHx300+ BHx400 CAx3 CMx8 CMx20+ CU CMx20+ GBx7 GBx12 HGx40+ HGx150 LBx60 LBx200 SUx9 SUx28
TOTALS	BHx350 CMx32 GBx18 HGx55+ LBx24+ MAx2 MSx8 SUx105	BHx32 CMx4 CUx1 GBx6 HGx6 LBx15 MPx6 RBx2 Sx1 SMx12	None	BHx700+ BHx2 CAx3 CMx48+ CUx1 GBx19 HGx190 LBx260 MPx6 RBx2 Sx2 SUx37
CONTINUED				

TABLE 2 CONTINUED

13th SEPTEMBER 2006

	Birds within 500 metres of centreline of bridge		Birds beyond 500 metres of centreline of bridge	
	Birds downstream	Birds upstream	Birds downstream	Birds upstream
Widnes Warth Saltmarsh	MP	MP MPx20 RB RB	N/A	MP MP MP S
Astmoor Saltmarsh	MPx2	K MP MPx6	N/A	MP MP MP MPx6 RB
River channel, margins and flats	BHx60+ BHx250+ BHx400+ Cx2 CA CGx28 Cx2 CMx8 CMx4 GBx6 GBx20 GBx2 HGx4 HGx80 HGx120 H LBx25 LBx130+ Lx200+ Lx15 LBx18 MAx16 RK SUx19 Tx54	BHx300 CUx3 GBx40 HGx200+ Lx180+ LBx250+ RK	BHx200+ CAx8 CMx34 GB	BHx6 BHx50 BHx200+ CMx10+ CMx2 GBx4 GBx14 H HGx150+ Lx26 LBx70+ LBx200+ MAx60+ RKx3 RKx4 Tx250+ SUx22
TOTALS	BHx710+ Cx4 CA CGx28 CMx12 GBx28 HGx204 Lx215 LBx163 MAx16 MPx3 RK SUx19 Tx54	BHx300 CUx3 GBx40 HGx200 Kx1 Lx180 LBx250 MPx28 RBx2 RK	BHx200+ CAx8 CMx34 GB	BHx256+ CMx12+ GBx18 Hx1 HGx150+ Lx26 LBx270 MAx60+ MPx12 RKx7 Sx1 SUx22 Tx250+