

Appendix 10.3

Bat Survey Results



Table 3. Bat Activity Survey Transect Results, Land off Enterprise Drive, Four Ashes

Site name	Four Ashes	Start time	21.45
Date	07/08/2007	End time	22.35
Surveyor(s)	HB and SA	Transect number	
Location on site The transect route followed the boundary of the site in an anti-clockwise direction			

Weather	Start	Still, clear skies, 15 C
	End	Still, clear/starry skies, 15 C

Mp3 Track no.	Bats Y/N	Notes on location	Notes on bat activity; spp, passes, height, behaviour.
N/A	Y	Walking along the west of the site next to the Aggregates depot.	First bat at 21.47, picked up by the Anabat but not the Batbox.
5 21.50	Y	Point count. Western edge by the ponded area in the corner.	1 myotis pass and 1 common pipistrelle passes. Badger in the undergrowth. Track length 1.40m
6 21.57	Y	Walking along the southern ditch and SBI woodland edge	Woodland lit from industry on the opposite side. Pipistrelle pass near eastern corner c. 4m high. Track length 4.20m
7 21.58	N	Point count. In the south east corner of the ephemeral and short perennial area by the bund and woodland edge.	No bat passes. Track length 2m
8 22.00	Y	Walked over the bund and onto the grassland.	A possible, single bat pass next to the brash pile on the grassland. There was a lot of interference when walking through the tall herb and tall grasses. At some point the recording on the mp3 player stopped - unsure of track length.
9 22.10	Y	Point count. Back on ephemeral short perennial on the far south east corner of the site	A distant pipistrelle pass. Track length 2m
10 22.12	Y	Walking along the eastern edge of the site.	2 pipistrelle passes. Track length 5.30m
11 22.17	N	Point count. By the gate in the north east corner of the site.	No bat passes. 2m point count but the track is less than 2m as the battery died.
12 22.19	N	Walked along the northern edge of the site back to the starting point.	No bat passes, track length 2.45m. There was a brief pip pass after the recording was stopped
13 22.23	N	Point count. Back at the start point on the track at the west of the site.	No bat passes. Track length 2m
14 22.25	Y	Walking along the west of the site next to the Aggregates depot.	1 common pipistrelle pass. Track 3m
15 22.28	Y	Point count. Western edge by the ponded area in the corner.	1 45kHz pipistrelle pass by the ponded area. Track length 2m.
16 22.30	N	Walking along the southern ditch and SBI woodland edge	No bat passes. Track length 2.40m
17 22.33	N	Point count. In the south east corner of the ephemeral and short perennial area by the bund and woodland edge.	No bat passes. Light spill from the opposite side of the woodland is more noticeable. Track length 2m.

Site name	Four Ashes	Start time	20.30
Date	22/08/2007	End time	22.00
Surveyor(s)	M.R and SA	Transect number	2
Location on site		The transect route followed the boundary of the site in an anti-clockwise direction	
Weather	Start	Warm. 100% cloud cover. Slight breeze and gusty at times	
	End	Warm. 40% cloud cover.	

Mp3 Track no.	Bats Y/N	Notes on location	Notes on bat activity; spp, passes, height, behaviour.
N/A	N	Walking along the west of the site next to the Aggregates depot.	No bats heard
1 20.35	N	Point count. Western edge by the ponded area in the corner.	No bats heard
2 20.37	N	Walking along the southern ditch and SBI woodland edge	No bats heard
3 20.41	N	Point count. In the south east corner of the ephemeral and short perennial area by the bund and woodland edge.	No bats heard
4 20.43	N	Walked over the bund and onto the grassland.	No bats heard
5 20.52	Y	Point count. Back on ephemeral short perennial on the far south east corner of the site	A faint bat pass, very distant
6 20.56	Y	Walking along the eastern edge of the site.	3 distant bat passes from the hedge line, possibly from the other side. 1x soprano pipistrelle pass at 20.59 then others foraging along the hedgeline - feeding buzzes heard.
7 21.03	Y	Point count. By the gate in the north east corner of the site.	Soprano pipistrelles flying along the hedge line possibly using it as a commuting route. 2x Myotis passes at 21.03 near to the gate.
8 21.05	Y	Walked along the northern edge of the site back to the starting point.	1x common pipistrelle pass
9 21.10	N	Point count. Back at the start point on the track at the west of the site.	No bats heard
10 21.12	Y	Walking along the west of the site next to the Aggregates depot.	A common pipistrelle pass at 21.12 approximately 3m high.
11 21.17	Y	Point count. Western edge by the ponded area in the corner.	A close Myotis pass and 1x noctule pass at 21.17
12 21.19	Y	Walking along the southern ditch and SBI woodland edge	Soprano pipistrelle pass towards the end.
13 21.29	Y	Point count. In the south east corner of the ephemeral and short perennial area by the bund and woodland edge.	A possible Myotis pass
14 21.31	N	Walking along the eastern edge of the site.	No bats heard
15 21.37	Y	Point count. By the gate in the north east corner of the site.	1x Myotis pass
16 21.47	N	Walked across the centre of the site towards the wet area and onto the grassland.	No bats heard
17 21.52	N	On the grassland between the wet area and the bund.	No bats heard
18 22.00	N	Walked back to the start point	No bats heard