



**Figure J1** The northern sluice and adjacent drain within the internal system, looking SSW. The Commissioners' Rond is on the right. (27/2/2012)



**Figure J2** Close-up of the northern sluice showing the wooden boards (27/2/2012)



**Figure J3** Gaugeboard NTG3261G1 within the internal system, close to the northern sluice. Note iron staining on the gaugeboard extends up to the 6.5 mark (27/2/2012)



**Figure J4** Line of dipwells within Sedge Marshes marked by white posts. Dipwell TG32/617b is the only one with a datalogger installed, and is central within the line of 5 dipwells. The water level in the internal dyke (foreground) appears to be the same as in the Marshes. Photograph taken from the Commissioners' Rond looking ENE (27/2/2012)



**Figure J5** External dyke separating the Commissioners' Rond from the line of dipwells (marked by white posts) in the southern part of Great Fen. The dyke is very overgrown. Gaugeboard NTG3261G2 is located in the same dyke further north, with the dyke being similarly overgrown. Photograph from Commissioners' Rond looking west (27/2/2012)



Sluice location

**Figure J6** Commissioners' Rond (left) with internal dyke near the southern sluice, looking north. The sluice is largely hidden by vegetation (27/2/2012)

Boundary dyke in  
internal system



Pool of water

**Figure J7** The Bund at the southern end of Catfield Fen's Internal System, looking east (10/11/2011)



**Figure J8** The Bund at the southern end of Catfield Fen's Internal System, looking east (27/2/2012)



Location of active groundwater discharge at the time of the site visit. Very low flow to the dyke leading south to Sharp Street Fens.

Dyke leading south to Sharp Street Fens. The Commissioners' Rond is off-photo to the right

Area of ochre staining indicative of groundwater discharge, at a slightly higher level than the adjacent active discharge, and not active at the time of the site visit.



**Figure J9** Southern part of the raised area separating the internal system from the dyke leading southwards to Sharp Street Fens. Photograph taken about 20-30m south of the location shown in Figures J7 and J8, looking south (27/2/2012)



**Figure J10** Water flowing swiftly from right to left (north to south) through a gap in the bund, about 20m further east from where the photograph in Figure J7 was taken. The internal system boundary dyke is just off-photo to the left. (Photograph by Mr A Alston, 7 March 2012, after heavy rain on 4-5 March. An accompanying video clip is available)