

Groundwater Monitoring Points In the Upper Little Ouse Valley

The following is a summary of known groundwater monitoring points in the headwaters area as of July 2013. It includes those installed by EA, SWT and LOHP. Grid references and photos were taken of all points and they are mapped as accurately as possible on the following maps. EA reference numbers ("WISKI") are provided where known. These are often shown on site. There is no stratigraphy available or information on which layer some of the EA piezometers are recording – EA should have this information. Nor is it known which of the following are being recorded or by whom.

Most of the EA assemblies have steel caps and padlocks.

For existing tubes, two NGRs are given; that supplied by EA and that recorded in the field by MH on 30 May 2013 using a hand held Garmin GPS unit. Both are given as the GPS has given slightly different readings.

This was compiled by Mike Harding from information supplied by EA and Peter Frizzell (who installed new shallow dipwells and gauge boards for LOHP in June 2013).

Blo' Norton Fen

Photo No.	Map No.	Reference No.	NGR	Comments
1	1	TM07/258a TM07/258b	TM 02008 78955 (EA) TM 02005 78963 (MH)	Middle of fen. Recording layer not known. Includes Datum post
2 & 3	1	TM07/166 TM07/167	TM 02068 78935 (EA) TM 02081 78923 (MH)	In private field next to fen. Marked by red & white post. Two tubes within concrete apron under steel flaps, no caps. No indication which is which or the layers recorded.

Map 1 : Blo' Norton, Thelnetham Old Fen, Thelnetham Middle Fen and Webb's Fen.

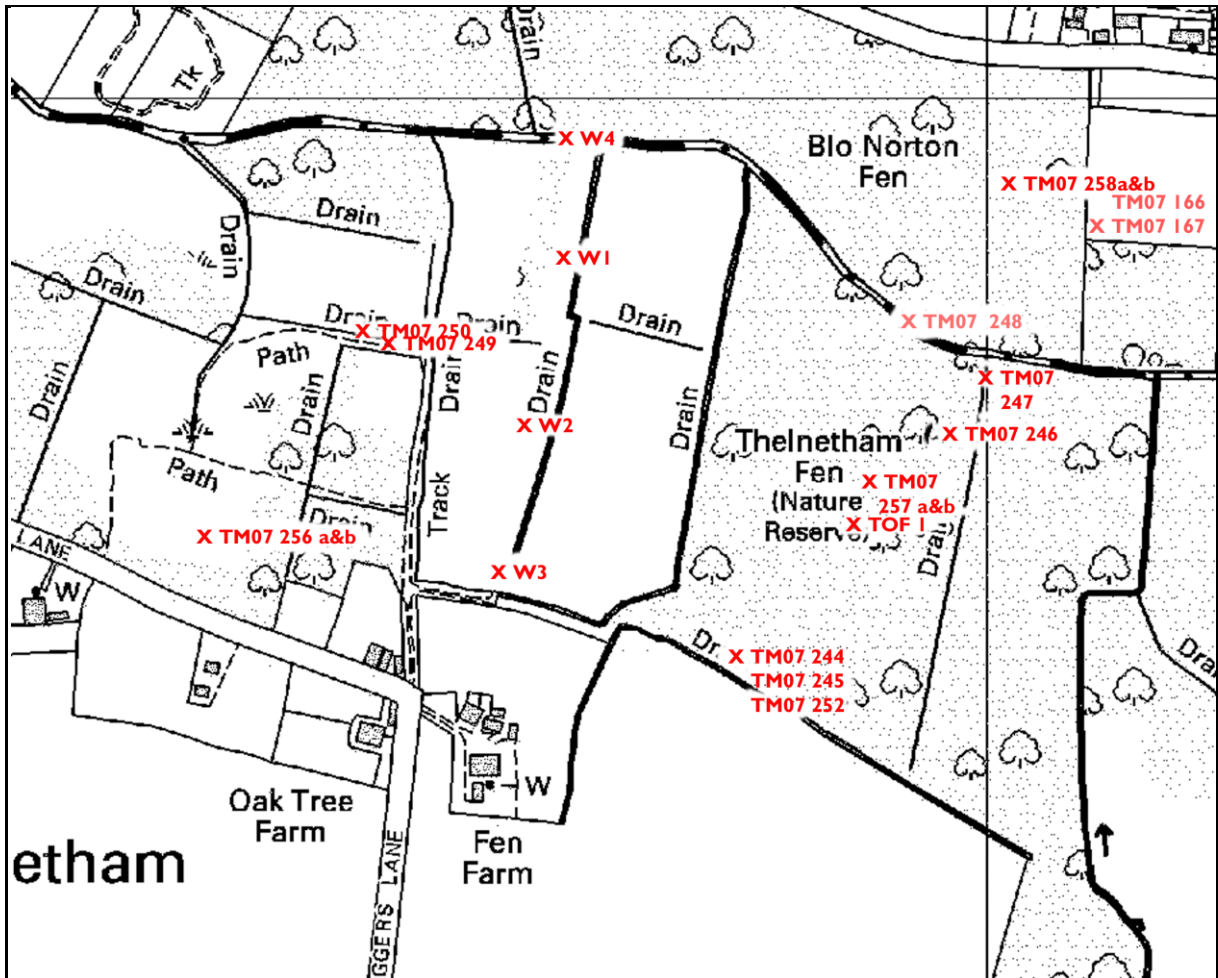


Photo 1 : Blo Norton Fen TM07/ 258a and 258b



Photo 2 and 3: Blo Norton Fen, TM07/166 and TM07/167. No indication on site as to which tube is which.



Thelnetham Old Fen

NOTE: EA dipwells TM07/242 and TM07/243 could not be re-found. The NGR given of TM 01889 78790 placed the dipwells in the middle of the alder carr. It is possible that the GPS cords supplied are incorrect and that these two dipwells are the same as the grey SWT dipwells with photo no. 9.

Photo No.	Map No.	Reference No.	NGR	Comments
4 & 5	1	TM07/248	TM 01959 78850 (EA) TM 01940 78856 (MH)	River gaugeboard with automatic recorder adjacent.
6	1	TM07/247	TM 01990 78810 (EA) TM 01997 78824 (MH)	Gaugeboard in ditch between Old fen and private land. Ditch dry.
7	1	TM07/246	TM 01958 78819 (EA) TM 01976 78778 (MH)	By the path in Old Fen.
8	1	TM07/257a TM07/257b	TM 01924 78718 (EA) TM 01923 78728 (MH)	Middle of Old Fen
9	1	TOF 1	TM 01913 78707 (MH)	Grey pipe dipwells with datum post. Installed by SWT. New reference number. Possibly the missing EA dipwells 242 and 243?
10 & 11	1	TM07/245 TM07/244 TM07/252	TM 01818 78630 (EA) TM 01821 78634 (MH)	Cluster of 3 pipes. Water was heard bubbling up pipe 244 on 30/05/13, with water overflowing through hole 15cm above ground level. Suggests groundwater rising under artesian pressure, well above ground surface.

Photos 4 and 5 :TM07/248 Little Ouse Stageboard with automatic recorder, between Old Fen and Blo' Norton Fen.



Photo 6 : TM07/247. Ditch between Old Fen and Private Land.



Photo 7 : TM07/246. Old Fen



Photo 8 : TM07/257a and TM07/257b, in the centre of Old Fen



Photo 9 : TOF 1 SWT Dipwells. No EA reference. Centre of Old Fen.



Photo 10 : TM07/245, TM07/244, TM07/252 Margin of Old Fen.



Photo 11: Near to ground level of TM07/244. Water rising in tube and leaking out.



Middle Fen

Note that TM07/240 and TM07/241 were not found. EA's GPS coordinates (TM 01466 78722) put them bear to TM07/256a/b, in the fen vegetation of Middle Fen, but no trace could be found. There used to be grey dipwell tubes much like Photo 9, but these were absent – perhaps the lost dipwells?

Photo No.	Map No.	Reference No.	NGR	Comments
12	1	TM07/256a TM07/256b	TM 01472 78725 (EA) TM 01469 78733 (MH)	Paired dipwells in the middle of Middle Fen
13	1	TM07/249	TM 01622 78839 (EA) TM01616 78844 (MH)	Near to the path.
14	1	TM07/250	TM 01614 78834 (EA) TM 01606 78842 (MH)	Stage board and recorder in ditch between Middle Fen and private land

Photo 12 : TM07/256a and TM07/256b, middle of Middle Fen



Photo 13 : TM07/249. Near to the path, Middle Fen



Photo 14 : TM07/250. Boundary Ditch between Middle Fen and Private Land



Parker-Bleyswyck's

Photo No.	Map No.	Reference No.	NGR	Comments
15	2	P1	TM 01314 78955 (MH)	Parker's Piece. Black pipe dipwell in enclosure near trees on raised margin.
16	2	B1	TM 01535 78947 (MH)	Bleyswyck's Bank. Black pipe dipwell in enclosure on margin.
17	2	P2	TM 01316 78791 (PF)	Scrape in Parkers Piece. Stageboard.
18	2	P3	TM 01323 79037 (PF)	River Gaugeboard.

Map 2 : Parkers-Bleywyck's and Nearby

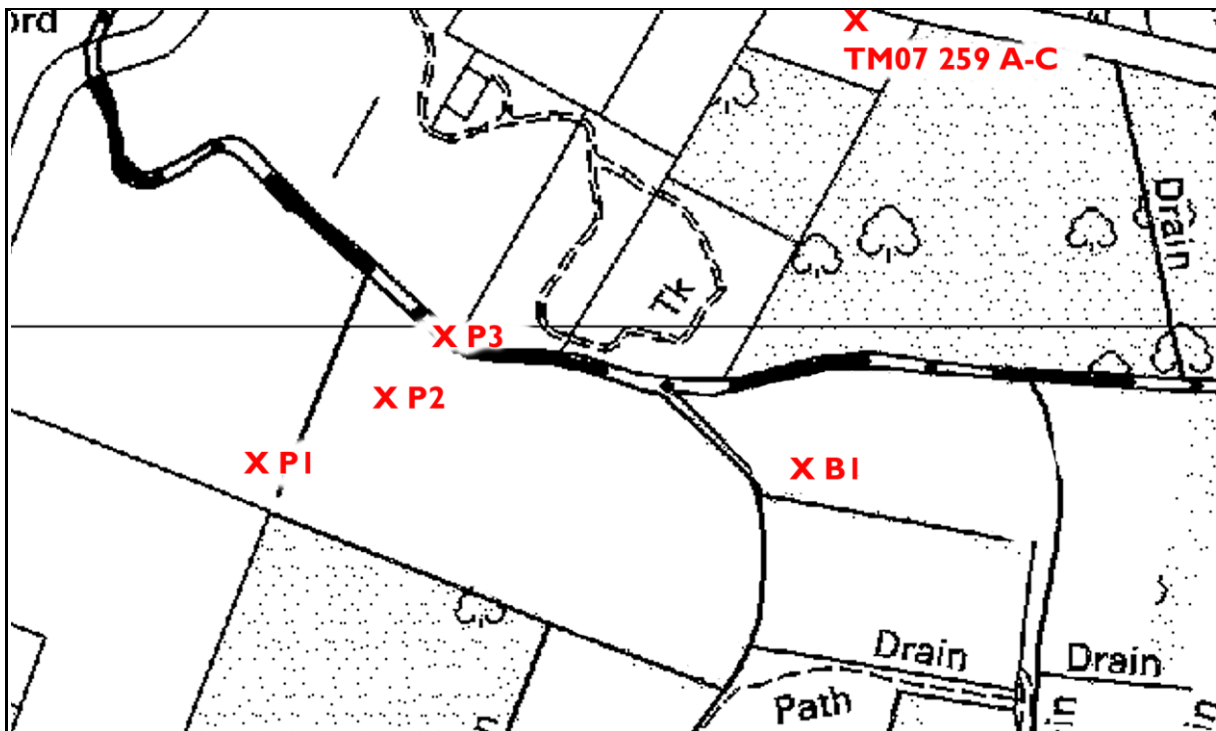


Photo 15: Parkers Piece, P1.



Photo 16 : Bleyswyck's Bank, B1.



Photo 17: Parkers Piece, P2.



Photo 18: Parkers Piece, P3.



Broomscot Common

Photo No.	Map No.	Reference No.	NGR	Comments
19	3	B1	TM 00427 80785 (PF)	Dipwell in fen north of the drain
20	3	B2	TM 00428 80775 (PF)	Stageboard in stream

Map 3 Broomscot Common

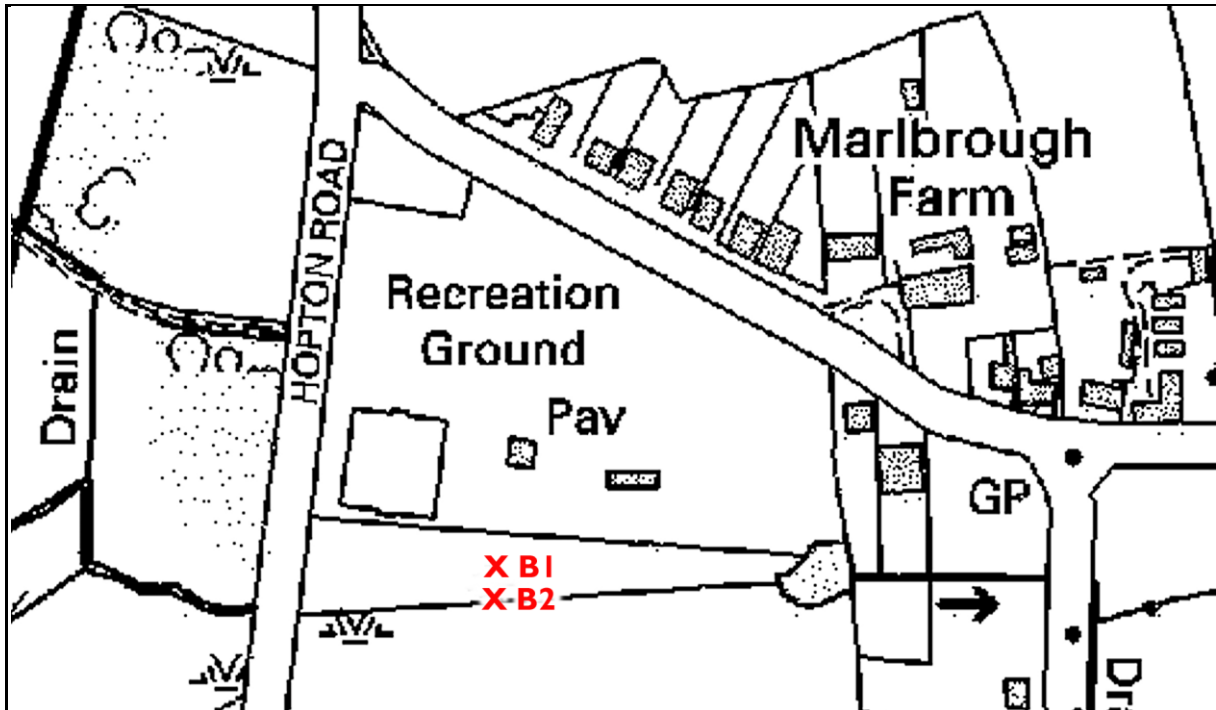


Photo 19: Broomscot Common, B1.



Photo 20: Broomscot Common, B2.



Webbs Fen

Photo No.	Map No.	Reference No.	NGR	Comments
21	1	W1	TM 01718 78883 (PF)	Dipwell adjacent to the new scrape, east side.
22	1	W2	TM 01696 78812 (PF)	Dipwell in the middle of the field.
23	1	W3	TM 01670 78706 (PF)	Dipwell near to the gate.
24	1	W4	TM 01723 78979 (PF)	Stageboard in the river

Photo 21: Webbs Fen, W1



Photo 22: Webbs Fen, W2



Photo 23: Webbs Fen, W3



Photo 24: Webbs Fen, W4



Scarfe Meadows

Photo No.	Map No.	Reference No.	NGR	Comments
25	4	S1	TL 99732 80835 (PF)	Gaugeboard in the main east-west drain
26	4	S2	TL 99757 80754 (PF)	Gaugeboard in the north-south middle drain
27	4	S3	TL 99693 80703 (PF)	Gaugeboard in the river

Map 4 : Scarfe Meadows

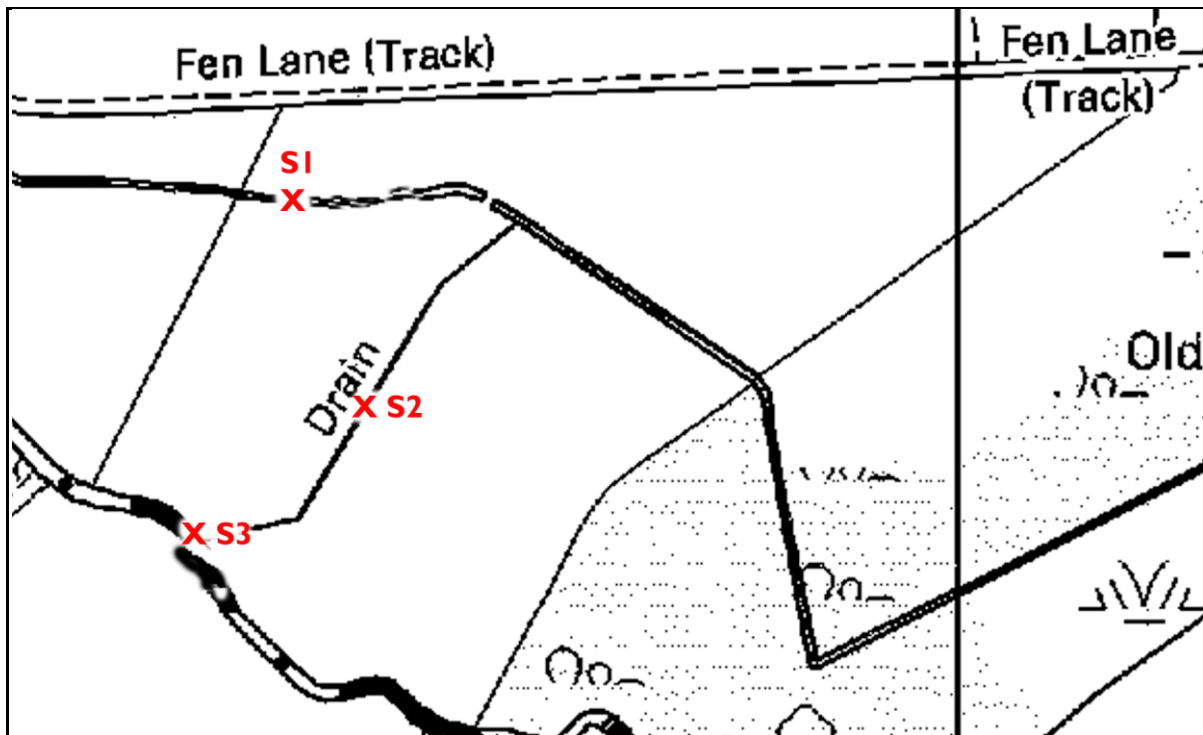


Photo 25: Scarfe Meadows, S1



Photo 26: Scarfe Meadows, S2



Photo 27: Scarfe Meadows, S3



Others

Photo No.	Map No.	Reference No.	NGR	Comments
28	2	TM07/259A TM07/259B TM07/259C	TM 01492 79174 (EA)	Row of three casings on private meadow west of Blo' Norton Fen, next to Fen Road.

Photo 28 : TM07/259A, TM07/259B, TM07/259C. Private meadow next to Fen Road.

