

APPENDIX I

**THE MONITORING DATABASE FOR THE SITE AND THE GROUNDWATER LEVEL
DATA COLLECTED AT THE SITE IN 2007**

Groundwater Levels

Earls Barton																				
	River P2		Borehole		River P1B		Borehole		Borehole		Borehole		Borehole		Borehole		Borehole		Borehole	
	RB1		EB2		RB2		EB4		EB1		EB3		EB5		EB6		EB7		EB8	
Collar level (M AOD)	50.09		50.71		48.44		48.51		48.92		47.90		48.07		47.68		48.17		47.59	
	Depth	Level	Depth	Level	Depth	Level	Depth	Level	Depth	Level	Depth	Level	Depth	Level	Depth	Level	Depth	Level	Depth	Level
13/02/2007			2.11	48.60																
20/02/2007			2.21	48.50			0.57	47.94												
27/02/2007			2.27	48.44			0.63	47.88												
06/03/2007			1.82	48.89			0.18	48.33												
13/03/2007	2.68	47.42	2.12	48.59	1.09	47.35	0.45	48.06												
20/03/2007	2.62	47.47	2.29	48.42	1.13	47.31	0.65	47.86												
27/03/2007	2.75	47.34	2.40	48.31	1.15	47.29	0.76	47.75	1.68	47.24	0.79	47.11	0.76	47.31	0.63	47.05				
03/04/2007	2.61	47.48	2.50	48.21	1.01	47.43	0.84	47.67	1.77	47.15	0.84	47.06	0.82	47.25	0.74	46.94				
10/04/2007	2.61	47.48	2.59	48.12	1.03	47.41	0.89	47.62	1.94	46.98	0.88	47.02	0.88	47.19	0.84	46.84				
02/05/2007	2.71	47.38	2.82	47.89	1.20	47.25	1.10	47.41	2.09	46.83	1.06	46.84	1.11	46.96	1.04	46.65				
07/06/2007	2.67	47.42	2.77	47.94	1.04	47.40	1.05	47.46	1.79	47.13	0.79	47.11	0.88	47.19	0.71	46.97	1.50	46.67	1.00	46.59
26/06/2007	1.25	48.84	2.41	48.30	0.26	48.18	0.46	48.05									1.15	47.02	0.58	47.01
11/07/2007	2.72	47.37	2.83	47.88	1.04	47.40	0.98	47.53	1.84	47.08	0.78	47.12	0.79	47.28	0.69	46.99	1.51	46.66	1.01	46.58

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Date of change	Change made by	Checked by	Date of check	Date of reading	Location	Change made	Reason for change	Comments
04/12/2019	RLW	JJW	23/01/2020		30/10/2019 All locations	New DB created	New data and datums/co-ords received	
23/01/2020	RLW	JJW	23/01/2020		07/01/2020 All locations except bh6	Level and quality data added	New data received	
28/01/2020	JJW	RLW	10/02/2020		15/01/2020 All locations	Level and quality data added	New data received	
07/02/2020	JJW	RLW	10/02/2020		28/01/2020 All locations	Level and quality data added	New data received	
11/03/2020	RLW	JJW	16/03/2020		04/02/2020 All locations	Level and quality data added	New data received	
11/03/2020	RLW	JJW	16/03/2020		13/02/2020 All locations	Level and quality data added	New data received	
11/03/2020	RLW	JJW	16/03/2020		25/02/2020 All locations	Level and quality data added	New data received	
26/03/2020	RLW	JJW	26/03/2020	ALL	GW3	Gound level and cover level corrected	Correct datums for GW3 received	
26/03/2020	RLW	JJW	26/03/2020	5/03/20 and 12/03/20	All locations	Level and quality data added	New data received	
02/04/2020	RLW	JJW	02/04/2020		18/03/2020 All locations	Level and quality data added	New data received	
17/04/2020	RLW	JJW	17/04/2020	25/03/20 and 31/03/20	All locations	Level and quality data added	New data received	
04/05/2020	RLW	JJW	06/05/2020		14/04/2020 All locations	Level and quality data added	New data received	
04/05/2020	RLW	JJW	06/05/2020		28/04/2020 All locations	Level data (awaiting lab data)	New data received	NB. This new data has not been added to chemographs for Permit app
29/05/2020	JJW	RLW	29/05/2020		28/04/2020 All locations	Quality data	New data received	NB. This new data has not been added to chemographs for Permit app
16/06/2020	RLW	JJW	25/06/2020		14/05/2020 All locations	Quality data	New data received	NB. This new data has not been added to chemographs for Permit app
30/06/2020	JJW	RLW	01/07/2020		09/06/2020 All locations	Level and quality data added	New data received	NB. Monitoring frequency reduced to monthly. This new data has not been added to chemographs for Permit app
22/09/2020	RLW	JJW	24/09/2020		08/09/2020 All locations	Level and quality data added	New data received	
29/10/2020	RLW	JJW	29/10/2020	July, August and October 2020	All locations	Level and quality data added	New data received	
02/12/2020	RLW	ML	02/12/2020		Nov-20 All locations	Level and quality data added	New data received	Chemographs have been rerun.
04/01/2021	RLW	LBA	27-Jan		Dec-20 All locations	Level and quality data added	New data received	NB. This new data has not been added to chemographs for Permit app
25/01/2021	RLW	LBA	27-Jan		Jan-21 All locations	Level and quality data added	New data received	NB. This new data has not been added to chemographs for Permit app
03/03/2021	LBA	JJW	05/03/2021		Feb-21 All locations	Level and quality data added	New data received	
19/03/2021	LBA	JJW	22/03/2021		Mar-21 All locations	Level and quality data added	New data received	
27/04/2021	LBA	RLW	12/05/2021		Apr-21 All locations	Level and quality data added	New data received	
01/06/2021	LBA	JJW	01/06/2021		May-21 All locations	Level and quality data added	New data received	
02/07/2021	LBA	JJW	02/07/2021		Jun-21 All locations	Level and quality data added	New data received	
23/07/2021	LBA	JJW	06/09/2021		Jul-21 All locations	Level and quality data added	New data received	
06/09/2021	LBA	JJW	06/09/2021		Aug-21 All locations	Level and quality data added	New data received	
09/11/2021	JJW			Sept-21 and Oct-21	All locations	Level and quality data added	New data received	

Notes:

1. The dip is measured from the CL

	Ammoniacal nitrogen			Chloride		Sulphate		Lead		Zinc	
	GW2, GW3 & BHF	GW5	GW6	GW2, GW3 & BHF	GW5 and GW6	GW2, GW3 & BHF	GW5 and GW6	GW2, GW3 & BHF	GW5 and GW6	GW2, GW3 & BHF	GW5 and GW6
Assessment limit (mg/l)	0.32	0.044	0.44	141	190	163	167	0.001	0.001	0.058	0.12
Compliance limit (mg/l)	0.46	0.058	0.56	180	235	196	200	0.001	0.001	0.084	0.17