

P3331.5.1

Leaside Business Centre, 43-44 Gillender Street, London, E14 6RP

Phase 1 Geoenvironmental Desk Study

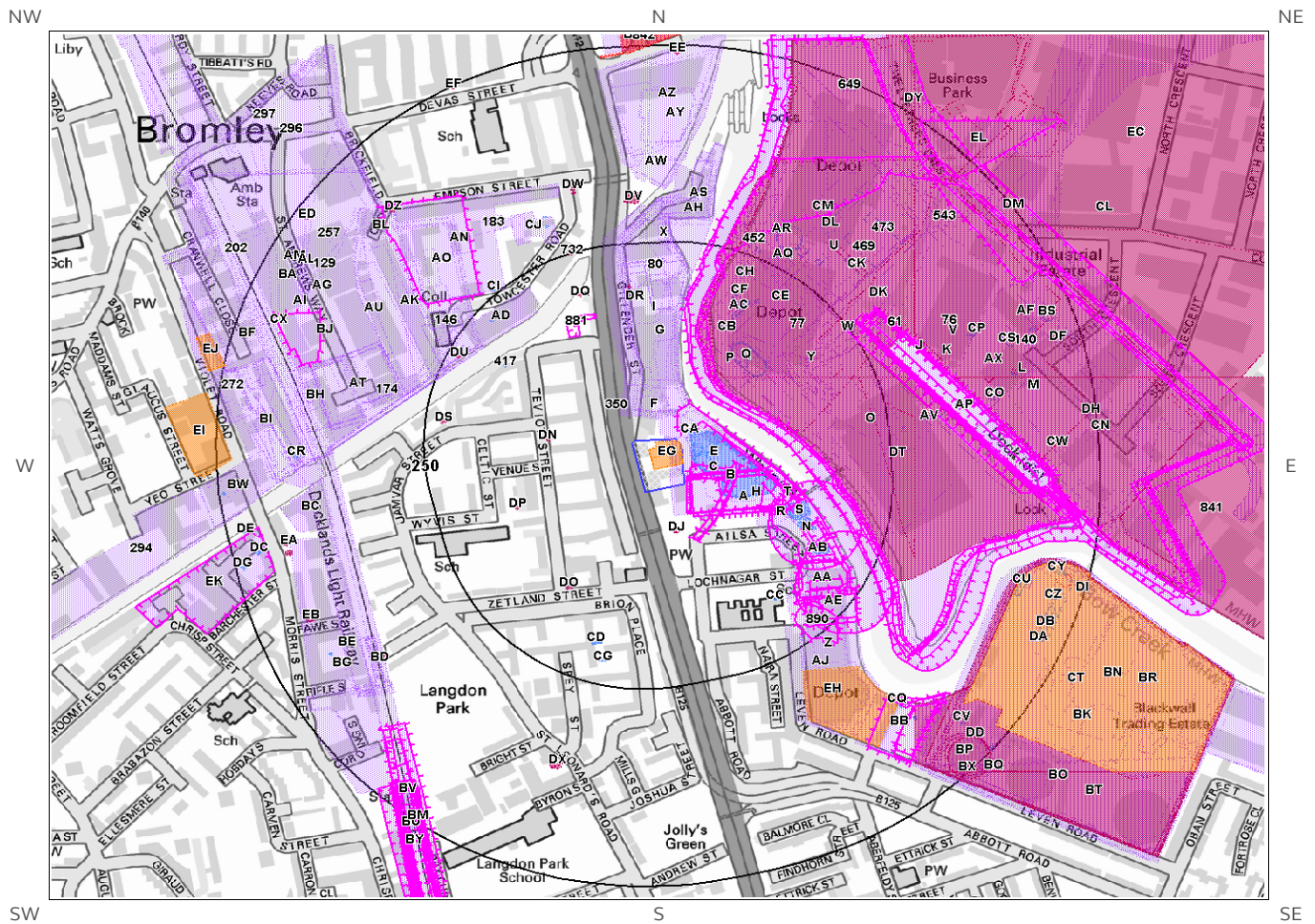
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Part 4 of 7

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 308

ID	Distance [m]	Direction	Use	Date
1C	0	On Site	Unspecified Tanks	1938
2A	0	On Site	Unspecified Commercial/Industrial	1938
3A	3	E	Unspecified Wharf	1894
4A	4	E	Unspecified Commercial/Industrial	1955
5E	5	E	Unspecified Tanks	1894
6A	6	E	Unspecified Wharf	1896
7H	7	E	Unspecified Commercial/Industrial	1920
8B	7	E	Unspecified Commercial/Industrial	1894
9A	9	E	Unspecified Wharf	1898
10B	10	E	Unspecified Tanks	1955
11B	10	E	Unspecified Tanks	1981
12C	10	E	Unspecified Commercial/Industrial	1955
13B	10	E	Unspecified Tanks	1973
14B	10	E	Unspecified Tanks	1965
15B	10	E	Unspecified Tanks	1989
16D	11	N	Unspecified Wharf	1894
17D	11	E	Unspecified Tanks	1896
18D	11	E	Unspecified Tanks	1894
19E	12	E	Unspecified Tanks	1894
20B	13	E	Unspecified Tanks	1920
21E	15	E	Unspecified Tanks	1898
22B	16	E	Unspecified Tanks	1949
23F	27	N	Fire Station	1920
24G	29	N	Distillery	1898
25F	30	N	Fire Station	1938
26G	31	N	Distillery	1894
27F	34	N	Fire Station	1955
28F	34	N	Fire Station	1973
29F	34	N	Fire Station	1965
30G	34	N	Distillery	1894
31G	36	N	Distillery	1894

32I	37	N	Distillery	1896
33F	37	N	Fire Station	1949
34H	42	E	Unspecified Wharf	1894
35K	65	NE	Dock	1949
36I	65	N	Unspecified Mills	1920
37DR	66	N	Unspecified Mills	1938
38J	71	NE	Dock	1938
39J	71	NE	Unspecified Commercial/Industrial	1938
40I	76	N	Distillery Mills	1867
41K	80	NE	Dock	1894
42K	82	NE	Gas Works	1896
43CE	82	NE	Gas Works	1894
44L	84	NE	Dock	1894
45L	84	NE	Gas Works	1894
46M	85	NE	Dock	1920
47M	86	NE	Unspecified Dock	1896
48J	92	NE	Unspecified Commercial/Industrial	1955
49K	92	NE	Unspecified Commercial/Industrial	1965
50K	92	NE	Unspecified Commercial/Industrial	1973
51I	93	N	Distillery	1867
52H	95	E	Unspecified Pit	1938
53P	102	NE	Unspecified Tanks	1938
54N	108	E	Unspecified Wharf	1896
55N	110	E	Unspecified Wharves	1989
56O	113	NE	Unspecified Depot	1994
57O	113	NE	Unspecified Depot	1981
58O	113	NE	Unspecified Depot	1989
59T	114	E	Unspecified Ground Workings	1949
60R	114	E	Unspecified Tank	1938
61	114	NE	Gas Works	1894
62P	119	NE	Unspecified Tanks	1920
63Q	121	NE	Unspecified Tanks	1955
64Q	121	NE	Unspecified Tanks	1973
65Q	121	NE	Unspecified Tanks	1965
66R	123	E	Unspecified Tank	1894
67Q	124	NE	Unspecified Tanks	1949
68R	126	E	Unspecified Tank	1896
69R	127	E	Unspecified Tank	1894
70S	128	E	Unspecified Tanks	1955
71S	128	E	Unspecified Tanks	1965
72R	131	E	Unspecified Tank	1894
73T	133	E	Unspecified Tank	1949

74N	134	E	Unspecified Tank	1898
75N	134	E	Unspecified Tank	1920
76	135	NE	Railway Sidings	1938
77	144	NE	Unspecified Commercial/Industrial	1898
78V	145	NE	Railway Sidings	1949
79CB	147	NE	Unspecified Tanks	1920
80	148	N	Unspecified Mills	1949
81AR	149	N	Gas Works	1898
82W	151	NE	Railway Sidings	1894
83N	151	E	Unspecified Wharf	1894
84U	155	NE	Unspecified Depot	1994
85U	155	NE	Unspecified Depot	1989
86U	155	NE	Unspecified Depot	1981
87N	156	E	Unspecified Wharf	1894
88Y	158	NE	Railway Sidings	1894
89V	159	NE	Railway Sidings	1920
90W	164	NE	Railway Sidings	1894
91X	165	N	Unspecified Disused Mills	1894
92X	165	N	Unspecified Mills	1894
93W	165	NE	Railway Sidings	1896
94AC	167	N	Unspecified Tanks	1955
95Y	168	NE	Railway Sidings	1898
96Z	170	SE	Unspecified Depot	1973
97Z	170	SE	Unspecified Depot	1965
98AA	170	SE	Unspecified Wharf	1894
99AA	170	SE	Unspecified Wharf	1896
100AA	171	SE	Unspecified Wharf	1894
101AB	171	SE	Unspecified Tanks	1894
102AB	174	SE	Unspecified Tanks	1896
103AB	176	SE	Unspecified Commercial/Industrial	1894
104AC	177	N	Unspecified Tanks	1938
105AB	177	SE	Unspecified Tanks	1894
106Z	181	SE	Unspecified Depot	1981
107Z	181	SE	Unspecified Depot	1989
108Z	181	SE	Unspecified Depot	1994
109AB	182	SE	Unspecified Tanks	1898
110AC	184	NE	Unspecified Tanks	1920
111AJ	186	SE	Car Shed	1938
112AC	192	NE	Unspecified Tanks	1949
113AA	195	SE	Unspecified Wharf	1894
114X	196	N	Unspecified Mills	1894
115AD	200	NW	Unspecified Works	1994
116AD	200	NW	Unspecified Works	1989
117AD	200	NW	Unspecified Commercial/Industrial	1981

118AE	203	SE	Unspecified Wharf	1949
119AE	203	SE	Unspecified Wharf	1920
120X	209	N	Rice Mills	1867
121AE	213	SE	Unspecified Wharf	1938
122AH	213	N	Unspecified Mills	1949
123AG	215	NW	Railway Land	1898
124BJ	218	NW	Railway Sidings	1894
125AF	219	NE	Railway Sidings	1955
126AF	219	NE	Railway Sidings	1965
127AI	219	NW	Railway Sidings	1894
128AG	219	NW	Railway Sidings	1898
129	220	NW	Railway Sidings	1949
130AH	221	N	Unspecified Mills	1898
131AL	222	NW	Railway Sidings	1894
132AI	222	NW	Railway Land	1896
133AJ	226	SE	Car Shed	1949
134AG	227	NW	Railway Sidings	1896
135EH	236	SE	Car Shed	1920
136AK	240	NW	Unspecified Works	1994
137AK	240	NW	Unspecified Works	1989
138AK	240	NW	Unspecified Commercial/Industrial	1981
139AL	242	W	Railway Sidings	1920
140	242	NE	Railway Sidings	1973
141AM	244	NW	Railway Sidings	1965
142AM	244	NW	Railway Sidings	1955
143AN	248	NW	Unspecified Works	1981
144AK	248	NW	Railway Buildings	1955
145AK	248	NW	Railway Buildings	1965
146	252	NW	Railway Buildings	1949
147W	252	NE	Unspecified Tank	1994
148W	252	NE	Unspecified Tank	1981
149W	252	NE	Unspecified Tank	1989
150BA	254	W	Railway Sidings	1938
151AQ	257	NE	Unspecified Tank	1938
152AN	263	NW	Wharf and Saw Mills	1955
153AO	263	NW	Unspecified Works	1994
154AO	263	NW	Unspecified Works	1989
155AP	263	NE	Dock	1955
156AP	263	NE	Dock	1973
157AP	263	NE	Dock	1965
158CJ	268	N	Unspecified Works	1965
159AS	271	N	Unspecified Mills	1920
160AQ	272	NE	Unspecified Tank	1920
161AR	272	NE	Unspecified Tanks	1955
162AR	272	NE	Unspecified Tanks	1973

163AR	272	NE	Unspecified Tanks	1965
164AS	273	N	Unspecified Mills	1938
165AP	275	NE	Dock	1994
166AP	275	NE	Dock	1981
167AP	275	NE	Dock	1989
168AS	278	N	Rice Mills	1867
169AS	278	N	Unspecified Mills	1896
170AT	280	W	Engine Sheds	1898
171AQ	281	NE	Unspecified Tank	1949
172AT	283	W	Engine Sheds	1920
173AT	284	W	Engine Sheds	1894
174	284	W	Railway Building	1949
175AT	285	W	Engine Sheds	1896
176AT	287	W	Engine Sheds	1894
177AL	287	W	Railway Sidings	1973
178AT	289	W	Engine Sheds	1894
179AT	289	W	Railway Building	1955
180AT	289	W	Railway Building	1965
181AV	292	E	Unspecified Tanks	1938
182AO	305	NW	Railway Building	1949
183	306	NW	Unspecified Mills	1867
184AT	308	W	Engine Sheds	1938
185AU	309	W	Railway Building	1955
186AU	309	W	Railway Building	1965
187AP	315	E	Unspecified Tanks	1949
188AV	316	E	Unspecified Tanks	1920
189AY	316	N	Maltings	1920
190AW	321	N	Flour Mills	1867
191AW	322	N	Flour Mills	1867
192AT	324	W	Unspecified Sheds	1949
193AT	324	W	Engine Sheds	1894
194AT	329	W	Railway Building	1955
195AT	329	W	Railway Building	1965
196AX	338	E	Unspecified Depot	1994
197AX	338	E	Unspecified Depot	1989
198BB	342	SE	Unspecified Commercial/Industrial	1955
199BK	351	SE	Unspecified Commercial/Industrial	1920
200BH	351	W	Engine Sheds	1938
201AZ	355	N	Maltings	1894
202	356	W	Railway Sidings	1867
203AY	360	N	Maltings	1911
204AZ	361	N	Maltings	1894
205BA	361	W	Railway Sidings	1867
206BB	365	SE	Unspecified Wharf	1938

207BG	366	W	Rope Manufactory	1898
208BD	367	SW	Railway Station	1949
209BC	372	W	Unspecified Works	1965
210BC	372	W	Unspecified Works	1973
211BD	372	SW	Railway Station	1896
212BD	373	SW	Railway Station	1920
213BD	373	SW	Railway Station	1898
214BE	374	W	Rope Manufactory	1867
215BB	374	SE	Unspecified Wharf	1949
216BD	375	SW	Railway Station	1894
217BD	375	SW	Railway Station	1894
218BE	375	W	Rope Manufactory	1867
219BF	376	W	Railway Sidings	1898
220AY	376	N	Malthouse	1867
221CO	376	E	Unspecified Tank	1973
222AY	376	N	Malthouse	1867
223BF	376	W	Railway Sidings	1896
224BG	378	SW	Railway Station	1894
225BD	379	SW	Railway Station	1894
226	380	W	Railway Sidings	1867
227BI	382	W	Unspecified Commercial/Industrial	1949
228BH	386	W	Railway Building	1894
229BH	386	W	Railway Building	1894
230BI	389	W	Unspecified Depot	1973
231BD	392	SW	Railway Station	1938
232BJ	392	W	Brick Field	1867
233BB	394	SE	Unspecified Wharf	1920
234BI	396	W	Unspecified Commercial/Industrial	1955
235BK	398	E	Unspecified Commercial/Industrial	1938
236BL	401	NW	Railway Building	1920
237BK	407	E	Gas Works	1896
238CT	407	SE	Gas Works	1894
239BL	407	NW	Railway Building	1949
240BK	409	SE	Gas Works	1894
241BK	409	E	Gas Works	1894
242BM	411	SW	Cuttings	1898
243BK	413	E	Unspecified Works	1965
244BK	413	E	Gas Works	1955
245BK	413	E	Gas Works	1973
246BK	416	E	Unspecified Commercial/Industrial	1949
247CU	417	E	Gasometers	1955
248BM	422	SW	Cuttings	1867
249BN	428	E	Railway Sidings	1955

250BN	428	E	Railway Sidings	1965
251BW	429	W	Varnish Works	1867
252BU	429	SW	Cuttings	1867
253BN	432	E	Railway Sidings	1938
254BO	434	SE	Gas Works	1989
255BO	434	SE	Gas Works	1994
256BO	434	SE	Gas Works	1981
257	443	NW	Railway Building	1955
258BM	447	SW	Cuttings	1955
259BM	447	SW	Cuttings	1973
260BM	447	SW	Cuttings	1965
261BQ	451	SE	Unspecified Tanks	1938
262BP	452	SE	Gasometer	1896
263BP	453	SE	Gasometer	1894
264BR	454	E	Railway Sidings	1920
265BP	454	SE	Gasometer	1894
266EK	456	W	Unspecified Wharves	1994
267CY	457	E	Gasometer	1955
268BV	457	SW	Cuttings	1949
269BQ	459	SE	Gasometer	1894
270BR	459	E	Railway Sidings	1949
271BQ	460	SE	Unspecified Tanks	1949
272	460	W	Railway Building	1920
273BS	460	E	Unspecified Tank	1955
274BS	460	E	Unspecified Tank	1965
275BP	460	SE	Gasometer	1989
276BP	460	SE	Gasometer	1981
277BP	460	SE	Unspecified Tank	1965
278BP	460	SE	Gasometer	1994
279BP	460	SE	Gasometer	1973
280BP	460	SE	Gasometer	1955
281BT	460	SE	Gas Works	1899
282BT	460	SE	Gas Works	1899
283BY	461	SW	Cuttings	1896
284BU	462	SW	Cuttings	1994
285BU	462	SW	Cuttings	1989
286BT	463	SE	Gas Works	1894
287BU	463	SW	Cuttings	1920
288BM	463	SW	Cuttings	1981
289BU	466	SW	Cuttings	1894
290BU	467	SW	Cuttings	1894
291BU	467	SW	Cuttings	1898
292BV	468	SW	Cuttings	1894
293BP	468	SE	Unspecified Tank	1920
294	468	W	Unspecified Commercial/Industrial	1920

295EL	468	NE	Unspecified Pit	1920
296	469	NW	Unspecified Commercial/Industrial	1911
297	471	NW	Railway Sidings	1894
298BU	476	SW	Cuttings	1938
299BW	477	W	Oil Works	1867
300BX	478	SE	Gasometer	1894
301BX	478	SE	Gasometer	1899
302BX	478	SE	Gasometer	1899
303BF	490	W	Railway Building	1955
304BF	490	W	Railway Building	1965
305BY	491	SW	Cuttings	1949
306BZ	492	N	Unspecified Works	1894
307BZ	495	N	Unspecified Works	1965
308BY	495	SW	Cuttings	1894

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

366

ID	Distance (m)	Direction	Use	Date
309D	11	E	Unspecified Tanks	1896
310B	13	E	Tanks	1990
311B	13	E	Tanks	1990
312B	13	E	Tanks	1991
313B	13	E	Tanks	1987
314B	13	E	Tanks	1987
315D	13	E	Tanks	1896
316C	13	E	Tanks	1953
317B	13	E	Tanks	1971
318C	13	E	Storage Tanks	1953
319C	13	E	Tanks	1949
320C	13	E	Tanks	1962
321E	14	E	Tanks	1949
322C	14	E	Storage Tanks	1948
323C	14	E	Storage Tanks	1953
324E	14	E	Tanks	1948
325E	14	E	Tanks	1953
326E	14	E	Tanks	1953
327CA	17	NE	Tanks	1953
328CA	17	NE	Tanks	1949

329CA	17	NE	Unspecified Tank	1962
330CA	17	NE	Tanks	1949
331CA	17	NE	Unspecified Tank	1953
332CA	17	NE	Tanks	1953
333CA	17	NE	Tanks	1948
334CA	21	NE	Tanks	1948
335CA	21	NE	Tanks	1953
336CA	21	NE	Tanks	1949
337CA	21	NE	Tanks	1953
338E	23	E	Tanks	1953
339E	27	E	Tanks	1949
340E	27	E	Tanks	1953
341D	30	E	Tanks	1949
342D	30	E	Tanks	1953
343C	33	E	Tanks	1949
344C	33	E	Tanks	1962
345C	33	E	Storage Tanks	1953
346A	45	E	Tanks	1953
347A	46	E	Tanks	1962
348A	46	E	Tanks	1953
349A	46	E	Tanks	1949
350	46	NW	Unspecified Tank	1869
351A	46	E	Storage Tanks	1948
352A	46	E	Storage Tanks	1953
353A	57	E	Unspecified Tank	1962
354A	57	E	Tanks	1949
355A	57	E	Storage Tanks	1953
356D	67	E	Unspecified Tank	1953
357D	68	E	Unspecified Tank	1953
358K	82	NE	Gas Works	1896
359DK	84	NE	Gas Works	1896
360H	85	E	Unspecified Tank	1962
361CM	97	NE	Gas Works	1952
362DL	97	NE	Gas Works	1974
363DM	97	NE	Gas Works	1948
364Q	121	NE	Unspecified Tank	1948
365Q	122	NE	Tanks	1963
366Q	122	NE	Unspecified Tank	1952
367Q	122	NE	Tanks	1962
368Q	123	NE	Unspecified Tank	1948
369Q	124	NE	Unspecified Tank	1952
370R	126	E	Unspecified Tank	1896
371R	130	E	Unspecified Tank	1896
372R	132	E	Unspecified Tank	1953
373R	132	E	Unspecified Tank	1949
374R	132	E	Unspecified Tank	1962

375R	132	E	Tanks	1948
376R	132	E	Tanks	1953
377R	132	E	Tanks	1953
378R	132	E	Tanks	1971
379S	141	E	Unspecified Tank	1949
380S	141	E	Unspecified Tank	1962
381S	141	E	Unspecified Tank	1953
382S	145	E	Storage Tanks	1953
383S	145	E	Tanks	1962
384S	145	E	Tanks	1949
385S	146	E	Storage Tanks	1948
386S	146	E	Tanks	1953
387S	146	E	Tanks	1971
388S	146	E	Storage Tanks	1953
389S	147	E	Unspecified Tank	1999
390S	148	E	Unspecified Tank	1991
391S	151	E	Unspecified Tank	1949
392S	151	E	Unspecified Tank	1953
393S	151	E	Unspecified Tank	1962
394CB	152	NE	Tanks	1952
395CB	153	N	Unspecified Tank	1916
396N	155	E	Unspecified Tank	1999
397N	156	E	Unspecified Tank	1991
398N	157	E	Tanks	1949
399N	157	E	Storage Tanks	1953
400CB	168	NE	Unspecified Tank	1952
401CB	168	NE	Unspecified Tank	1963
402AC	168	NE	Tanks	1962
403AC	168	NE	Tanks	1948
404AC	169	NE	Tanks	1916
405AB	174	SE	Unspecified Tanks	1896
406AB	175	SE	Unspecified Tank	1999
407AB	176	SE	Unspecified Tank	1991
408AB	177	SE	Tanks	1896
409CC	179	SE	Unspecified Tank	1990
410CC	179	SE	Unspecified Tank	1990
411CC	179	SE	Unspecified Tank	1991
412CC	179	SE	Unspecified Tank	1991
413CC	179	SE	Unspecified Tank	1987
414CC	179	SE	Unspecified Tank	1987
415AC	179	NE	Unspecified Tank	1963
416AC	179	NE	Unspecified Tank	1952
417	179	NW	Unspecified Tank	1869
418CC	180	SE	Unspecified Tank	1971
419AC	187	NE	Tanks	1952
420AC	187	NE	Tanks	1948

421AC	191	NE	Unspecified Tank	1952
422AC	191	NE	Unspecified Tank	1963
423CD	194	S	Unspecified Tank	1948
424CD	197	S	Unspecified Tank	1953
425CD	197	S	Unspecified Tank	1971
426CD	197	S	Unspecified Tank	1953
427CD	197	S	Unspecified Tank	1953
428CE	198	NE	Unspecified Tank	1916
429CF	198	NE	Tanks	1952
430CF	200	N	Tanks	1952
431CG	216	S	Tanks	1949
432CG	216	S	Tanks	1953
433CG	216	S	Tanks	1962
434CG	216	S	Tanks	1949
435CG	216	S	Tanks	1971
436CG	216	S	Tanks	1948
437CG	216	S	Tanks	1953
438CG	216	S	Tanks	1953
439CH	218	N	Tanks	1952
440CH	221	N	Tanks	1948
441CH	221	N	Tanks	1952
442AD	226	NW	Unspecified Tank	1948
443DT	230	E	Gas Works	1948
444AD	232	NW	Unspecified Tank	1948
445W	253	NE	Unspecified Tank	1991
446W	253	NE	Unspecified Tank	1991
447W	253	NE	Unspecified Tank	1981
448CI	254	NW	Unspecified Tank	1985
449CI	254	NW	Unspecified Tank	1982
450AQ	257	NE	Unspecified Tank	1952
451AQ	257	NE	Unspecified Tank	1948
452	266	N	Unspecified Tank	1948
453AR	273	NE	Unspecified Tank	1963
454AR	274	NE	Unspecified Tank	1952
455AR	275	NE	Unspecified Tank	1962
456AR	275	NE	Unspecified Tank	1948
457AQ	276	NE	Tanks	1916
458U	279	NE	Unspecified Tank	1948
459U	279	NE	Unspecified Tank	1952
460U	281	NE	Tanks	1916
461CJ	290	N	Tanks	1991
462CJ	302	N	Unspecified Tank	1991
463CK	304	NE	Tanks	1916
464CK	305	NE	Gasometers	1896
465CL	309	NE	Gas Works	1969
466AP	314	E	Tanks	1916

467CL	314	NE	Gas Works	1952
468CM	317	NE	Tanks	1948
469	323	NE	Tanks	1948
470CN	336	E	Gas Works	1949
471CN	336	E	Gas Works	1949
472CN	336	E	Gas Works	1952
473	356	NE	Tanks	1948
474V	370	E	Tanks	1952
475V	370	E	Tanks	1948
476V	370	E	Tanks	1969
477DY	372	N	Gas Works	1896
478CQ	373	SE	Tanks	1953
479CO	374	E	Unspecified Tank	1962
480CO	374	E	Unspecified Tank	1953
481CO	374	E	Unspecified Tank	1952
482V	374	E	Tanks	1962
483V	374	E	Tanks	1948
484V	375	E	Tanks	1969
485V	375	E	Tanks	1952
486V	375	E	Tanks	1948
487V	375	E	Unspecified Tank	1916
488CP	381	E	Tanks	1948
489CP	381	E	Tanks	1969
490CP	381	E	Tanks	1952
491CQ	381	SE	Tanks	1953
492CQ	382	SE	Tanks	1953
493BP	391	SE	Gas Works	1981
494BP	391	SE	Gas Works	1992
495BP	391	SE	Gas Works	1990
496BP	391	SE	Gas Works	1991
497CR	399	W	Unspecified Tank	1999
498CR	399	W	Unspecified Tank	1995
499CR	400	W	Unspecified Tank	1989
500CR	400	W	Unspecified Tank	1990
501CR	400	W	Unspecified Tank	1990
502CR	400	W	Unspecified Tank	1991
503CR	400	W	Unspecified Tank	1989
504CR	400	W	Unspecified Tank	1981
505CR	400	W	Unspecified Tank	1991
506BB	403	SE	Unspecified Tank	1990
507BB	403	SE	Unspecified Tank	1990
508BB	403	SE	Unspecified Tank	1987
509BB	403	SE	Unspecified Tank	1991
510BB	403	SE	Unspecified Tank	1990
511BB	403	SE	Unspecified Tank	1981
512BB	403	SE	Unspecified Tank	1991

513BB	404	SE	Unspecified Tank	1948
514BB	404	SE	Unspecified Tank	1953
515BB	404	SE	Unspecified Tank	1971
516BB	406	SE	Unspecified Tank	1952
517BB	406	SE	Unspecified Tank	1949
518BB	406	SE	Unspecified Tank	1953
519BK	407	E	Gas Works	1896
520AX	407	E	Unspecified Tank	1969
521AX	407	E	Unspecified Tank	1952
522AX	407	E	Unspecified Tank	1948
523CS	407	E	Unspecified Tank	1948
524CS	407	E	Unspecified Tank	1962
525AX	407	E	Unspecified Tank	1962
526AX	407	E	Unspecified Tank	1948
527CS	408	E	Unspecified Tank	1952
528CS	408	E	Unspecified Tank	1948
529AX	408	E	Gasometer	1896
530AX	408	E	Unspecified Tank	1916
531BK	413	SE	Gas Works	1896
532BK	416	E	Gas Works	1949
533BK	416	E	Gas Works	1949
534CT	417	SE	Gas Works	1949
535CT	417	SE	Gas Works	1952
536CU	418	E	Tanks	1896
537CU	420	E	Tanks	1949
538CU	420	E	Tanks	1916
539CU	420	E	Tanks	1949
540CU	421	E	Unspecified Tank	1962
541CU	421	E	Unspecified Tank	1953
542CU	421	E	Unspecified Tank	1952
543	425	NE	Unspecified Tank	1969
544BE	427	SW	Unspecified Tank	1999
545CS	442	E	Tanks	1991
546CV	443	SE	Unspecified Tank	1981
547CV	443	SE	Unspecified Tank	1990
548CV	443	SE	Unspecified Tank	1991
549CS	444	E	Tanks	1989
550CS	444	E	Tanks	1990
551CS	444	E	Tanks	1991
552CV	446	SE	Unspecified Tank	1981
553CV	446	SE	Unspecified Tank	1990
554CV	446	SE	Unspecified Tank	1992
555CV	446	SE	Unspecified Tank	1991
556CW	447	E	Unspecified Tank	1952
557CW	447	E	Unspecified Tank	1949
558CX	449	W	Unspecified Tank	1991

559CX	449	W	Unspecified Tank	1991
560CX	450	W	Unspecified Tank	1996
561BP	452	SE	Gasometer	1896
562BP	456	SE	Gasometer	1896
563CY	457	E	Tanks	1896
564CY	459	E	Unspecified Tank	1916
565CY	460	E	Tanks	1952
566CY	460	E	Tanks	1949
567CY	460	E	Unspecified Tank	1962
568CY	460	E	Unspecified Tank	1949
569CY	460	E	Unspecified Tank	1953
570BX	461	SE	Gasometer	1949
571BX	461	SE	Unspecified Tank	1953
572BX	461	SE	Unspecified Tank	1962
573BX	461	SE	Gasometer	1949
574BX	461	SE	Gasometer	1952
575BX	462	SE	Gas Holder	1981
576BX	462	SE	Gas Holder	1990
577BX	462	SE	Gas Holder	1992
578BX	462	SE	Gas Holder	1991
579EC	462	NE	Gas Works	1962
580BS	463	E	Unspecified Tank	1962
581BS	464	E	Unspecified Tank	1952
582CZ	464	E	Unspecified Tank	1949
583DA	464	SE	Tanks	1949
584DB	464	SE	Tanks	1952
585CZ	464	E	Tanks	1949
586CZ	464	E	Tanks	1952
587CZ	464	E	Tanks	1962
588CZ	464	E	Tanks	1953
589DA	465	SE	Tanks	1949
590DA	465	SE	Tanks	1952
591DB	465	E	Tanks	1949
592CZ	465	E	Tanks	1949
593CZ	465	E	Tanks	1952
594DC	465	W	Unspecified Tank	1989
595DA	465	SE	Tanks	1949
596DC	466	W	Unspecified Tank	1989
597DC	466	W	Unspecified Tank	1975
598DC	467	W	Unspecified Tank	1981
599CZ	467	E	Unspecified Tank	1949
600DF	467	E	Tanks	1969
601CY	467	E	Unspecified Tank	1916
602CY	469	E	Unspecified Tank	1949
603CY	469	E	Unspecified Tank	1962
604CY	469	E	Unspecified Tank	1953

605CY	470	E	Tanks	1949
606CY	470	E	Tanks	1952
607DD	472	SE	Unspecified Tank	1952
608DD	472	SE	Unspecified Tank	1949
609CZ	474	E	Unspecified Tank	1916
610BT	475	SE	Gas Works	1970
611BT	475	SE	Gas Works	1949
612DB	475	E	Tanks	1916
613BT	475	SE	Gas Works	1992
614BT	475	SE	Gas Works	1991
615BT	475	SE	Gas Works	1990
616BT	476	SE	Gas Works	1993
617BT	476	SE	Gas Works	1996
618DE	476	W	Unspecified Tank	1989
619CZ	477	E	Tanks	1952
620CZ	477	E	Tanks	1949
621DE	477	W	Unspecified Tank	1989
622CZ	477	E	Unspecified Tank	1953
623CZ	477	E	Unspecified Tank	1949
624CZ	477	E	Unspecified Tank	1962
625CY	477	E	Unspecified Tank	1916
626DB	477	E	Tanks	1952
627DB	477	E	Tanks	1949
628DB	478	E	Unspecified Tank	1949
629DB	478	E	Unspecified Tank	1962
630DB	478	E	Unspecified Tank	1953
631DB	478	E	Tanks	1952
632DB	478	E	Tanks	1949
633DA	478	SE	Unspecified Tank	1953
634DA	478	SE	Unspecified Tank	1962
635DA	478	SE	Unspecified Tank	1949
636DA	478	SE	Tanks	1952
637DA	478	SE	Tanks	1949
638CZ	480	E	Unspecified Tank	1952
639CZ	480	E	Unspecified Tank	1949
640CZ	480	E	Unspecified Tank	1949
641CZ	480	E	Unspecified Tank	1953
642CZ	480	E	Unspecified Tank	1962
643CZ	481	E	Unspecified Tank	1953
644CZ	481	E	Unspecified Tank	1962
645CZ	481	E	Unspecified Tank	1949
646CZ	481	E	Unspecified Tank	1949
647CZ	481	E	Unspecified Tank	1952
648DF	482	E	Unspecified Tank	1969
649	485	NE	Tanks	1974
650BQ	487	SE	Gasholder	1992

651BQ	487	SE	Gasholder	1991
652BQ	487	SE	Gasholder	1990
653BQ	487	SE	Unspecified Tank	1953
654BQ	487	SE	Gasometer	1949
655BQ	487	SE	Gasholder	1970
656BQ	487	SE	Gas Holder	1993
657BQ	487	SE	Gas Holder	1996
658DG	489	W	Unspecified Tank	1981
659DG	489	W	Unspecified Tank	1989
660DG	489	W	Unspecified Tank	1990
661DG	489	W	Unspecified Tank	1991
662DG	489	W	Unspecified Tank	1989
663DG	489	W	Unspecified Tank	1990
664DH	489	E	Unspecified Tank	1949
665DH	489	E	Unspecified Tank	1952
666DI	490	E	Tanks	1949
667DI	490	E	Tanks	1952
668BW	492	W	Unspecified Tank	1989
669BW	492	W	Unspecified Tank	1989
670BW	493	W	Unspecified Tank	1975
671DD	494	SE	Unspecified Tank	1896
672BW	494	W	Unspecified Tank	1981
673DD	496	SE	Unspecified Tank	1916
674DD	498	SE	Unspecified Tank	1949

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

167

ID	Distance (m)	Direction	Use	Date
675DJ	52	S	Electricity Substation	1999
676DJ	54	S	Electricity Substation	1971
677DJ	54	S	Electricity Substation	1991
678DJ	58	S	Electricity Substation	1987
679DJ	58	S	Electricity Substation	1990
680DJ	58	S	Electricity Substation	1991
681DJ	58	S	Electricity Substation	1991
682DJ	58	S	Electricity Substation	1987
683K	82	NE	Gas Works	1896
684DK	84	NE	Gas Works	1896
685CM	97	NE	Gas Works	1952

686DL	97	NE	Gas Works	1974
687DM	97	NE	Gas Works	1948
688DN	99	W	Electricity Substation	1999
689DN	100	W	Electricity Substation	1987
690DN	100	W	Electricity Substation	1987
691DN	100	W	Electricity Substation	1990
692DN	100	W	Electricity Substation	1990
693DN	100	W	Electricity Substation	1991
694DN	100	W	Electricity Substation	1991
695DN	100	W	Electricity Substation	1991
696DO	145	SW	Electricity Substation	1953
697DO	146	SW	Electricity Substation	1953
698DP	151	W	Electricity Substation	1990
699DP	151	W	Electricity Substation	1990
700DP	151	W	Electricity Substation	1991
701DP	151	W	Electricity Substation	1987
702DP	151	W	Electricity Substation	1991
703DP	151	W	Electricity Substation	1987
704DP	151	W	Electricity Substation	1991
705DP	151	W	Electricity Substation	1999
706DP	151	W	Electricity Substation	1971
707DQ	194	N	Electricity Substation	1991
708DQ	194	N	Electricity Substation	1991
709DQ	194	N	Electricity Substation	1981
710DR	194	N	Electricity Substation	1981
711DR	194	N	Electricity Substation	1991
712DR	194	N	Electricity Substation	1991
713DQ	196	N	Electricity Substation	1974
714DS	225	W	Electricity Substation	1975
715DS	225	W	Electricity Substation	1995
716DS	225	W	Electricity Substation	1999
717DS	225	W	Electricity Substation	1955
718DS	226	W	Electricity Substation	1991
719DS	226	W	Electricity Substation	1990
720DS	226	W	Electricity Substation	1989
721DS	226	W	Electricity Substation	1989
722DS	226	W	Electricity Substation	1981
723DS	226	W	Electricity Substation	1991
724DS	226	W	Electricity Substation	1990
725DT	230	E	Gas Works	1948
726DU	233	NW	Electricity Substation	1991
727DU	233	NW	Electricity Substation	1991
728DU	233	NW	Electricity Substation	1989
729DU	233	NW	Electricity Substation	1982
730DU	233	NW	Electricity Substation	1985
731DU	234	NW	Electricity Substation	1996

732	248	N	Electricity Substation	1948
733DV	301	N	Electricity Substation	1981
734DV	301	N	Electricity Substation	1991
735DV	301	N	Electricity Substation	1991
736DV	301	N	Electricity Substation	1974
737DV	302	N	Electricity Substation	1948
738DV	304	N	Electricity Substation	1952
739CK	305	NE	Gasometers	1896
740CL	309	NE	Gas Works	1969
741CL	314	NE	Gas Works	1952
742DW	322	N	Electricity Substation	1981
743DW	322	N	Electricity Substation	1991
744DW	322	N	Electricity Substation	1991
745DW	323	N	Electricity Substation	1974
746CN	336	E	Gas Works	1949
747CN	336	E	Gas Works	1952
748CN	336	E	Gas Works	1949
749DX	352	S	Electricity Substation	1991
750DX	352	S	Electricity Substation	1991
751DX	352	S	Electricity Substation	1987
752DX	352	S	Electricity Substation	1987
753DX	352	S	Electricity Substation	1990
754DX	352	S	Electricity Substation	1990
755DX	352	S	Electricity Substation	1991
756DX	353	S	Electricity Substation	1999
757DX	360	S	Electricity Substation	1971
758DY	372	N	Gas Works	1896
759BD	372	SW	Electricity Substation	1975
760BD	373	SW	Electricity Substation	1989
761BD	373	SW	Electricity Substation	1991
762BD	373	SW	Electricity Substation	1990
763BD	373	SW	Electricity Substation	1981
764BD	373	SW	Electricity Substation	1991
765BD	373	SW	Electricity Substation	1989
766BD	374	SW	Electricity Substation	1995
767BD	374	SW	Electricity Substation	1999
768BP	391	SE	Gas Works	1991
769BP	391	SE	Gas Works	1992
770BP	391	SE	Gas Works	1990
771BP	391	SE	Gas Works	1981
772BK	407	E	Gas Works	1896
773AX	408	E	Gasometer	1896
774DZ	409	NW	Electricity Substation	1991
775DZ	409	NW	Electricity Substation	1985
776DZ	409	NW	Electricity Substation	1989
777DZ	409	NW	Electricity Substation	1991

778DZ	409	NW	Electricity Substation	1982
779DZ	411	NW	Electricity Substation	1996
780BK	413	SE	Gas Works	1896
781BK	416	E	Gas Works	1949
782BK	416	E	Gas Works	1949
783CT	417	SE	Gas Works	1952
784CT	417	SE	Gas Works	1949
785EB	428	W	Electricity Substation	1954
786EA	428	W	Electricity Substation	1989
787EA	428	W	Electricity Substation	1989
788EB	428	W	Electricity Substation	1955
789EB	428	W	Electricity Substation	1954
790EA	429	W	Electricity Substation	1975
791EA	429	W	Electricity Substation	1975
792EA	430	W	Electricity Substation	1981
793EA	430	W	Electricity Substation	1989
794EA	430	W	Electricity Substation	1990
795EA	430	W	Electricity Substation	1989
796EA	430	W	Electricity Substation	1991
797EA	430	W	Electricity Substation	1981
798EA	430	W	Electricity Substation	1991
799EA	430	W	Electricity Substation	1995
800EA	430	W	Electricity Substation	1999
801BP	452	SE	Gasometer	1896
802BP	456	SE	Gasometer	1896
803BP	461	SE	Gasometer	1949
804BP	461	SE	Gasometer	1952
805BP	461	SE	Gasometer	1949
806BP	462	SE	Gas Holder	1991
807BP	462	SE	Gas Holder	1981
808BP	462	SE	Gas Holder	1990
809BP	462	SE	Gas Holder	1992
810CY	462	E	Generating House	1949
811CY	462	E	Generating House	1949
812EC	462	NE	Gas Works	1962
813BT	475	SE	Gas Works	1970
814BT	475	SE	Gas Works	1949
815BT	475	SE	Gas Works	1990
816BT	475	SE	Gas Works	1991
817BT	475	SE	Gas Works	1992
818BT	476	SE	Gas Works	1996
819BT	476	SE	Gas Works	1993
820EI	481	W	Electricity Works	1947
821ED	481	NW	Electricity Substation	1991
822ED	481	NW	Electricity Substation	1991
823ED	482	NW	Electricity Substation	1996

824BQ	487	SE	Gasholder	1991
825BQ	487	SE	Gasholder	1990
826BQ	487	SE	Gasholder	1992
827BQ	487	SE	Gasholder	1970
828BQ	487	SE	Gasometer	1949
829BQ	487	SE	Gas Holder	1993
830BQ	487	SE	Gas Holder	1996
831EE	488	N	Electricity Substation	1981
832EE	488	N	Electricity Substation	1991
833EE	488	N	Electricity Substation	1991
834EE	488	N	Electricity Substation	1974
835EF	496	NW	Electricity Substation	1985
836EF	496	NW	Electricity Substation	1991
837EF	496	NW	Electricity Substation	1982
838EF	496	NW	Electricity Substation	1991
839EF	496	NW	Electricity Substation	1989
840EF	497	NW	Electricity Substation	1996
841	497	E	Electricity Works	1949

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 1

ID	Distance (m)	Direction	Use	Date
842	487	N	Petrol Depot	1952

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 22

ID	Distance (m)	Direction	Use	Date
843EG	0	On Site	Garage	1971
844EG	0	On Site	Garage	1991
845EG	0	On Site	Garage	1990
846EG	0	On Site	Garage	1999
847EG	0	On Site	Garage	1953
848EG	0	On Site	Garage	1953

849EG	0	On Site	Garage	1953
850EG	0	On Site	Garage	1962
851EG	0	On Site	Garage	1990
852EG	0	On Site	Garage	1991
853EG	0	On Site	Garage	1991
854EG	0	On Site	Garage	1987
855EG	0	On Site	Garage	1987
856EH	276	SE	Car Shed	1916
857CT	417	SE	Car Storage Compound	1992
858EI	481	W	Garage	1954
859EJ	499	W	Garage	1989
860EJ	499	W	Garage	1982
861EJ	499	W	Garage	1985
862EJ	499	W	Garage	1991
863EJ	499	W	Garage	1991
864EJ	499	W	Garage	1967

1.6 Historical military sites

Certain military installations were not noted on historic mapping for security reasons. Whilst not all military land is necessarily of concern, Groundsure has researched and digitised a number of Ordnance Factories and other military industrial features (e.g. Ordnance Depots, Munitions Testing Grounds) which may be of contaminative concern. This research was drawn from a number of different sources, and should not be regarded as a definitive or exhaustive database of potentially contaminative military installations. The boundaries of sites within this database have been estimated from the best evidence available to Groundsure at the time of compilation.

Records of historical military sites within 500m of the search boundary: 0

Database searched and no data found.

1.7 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 59

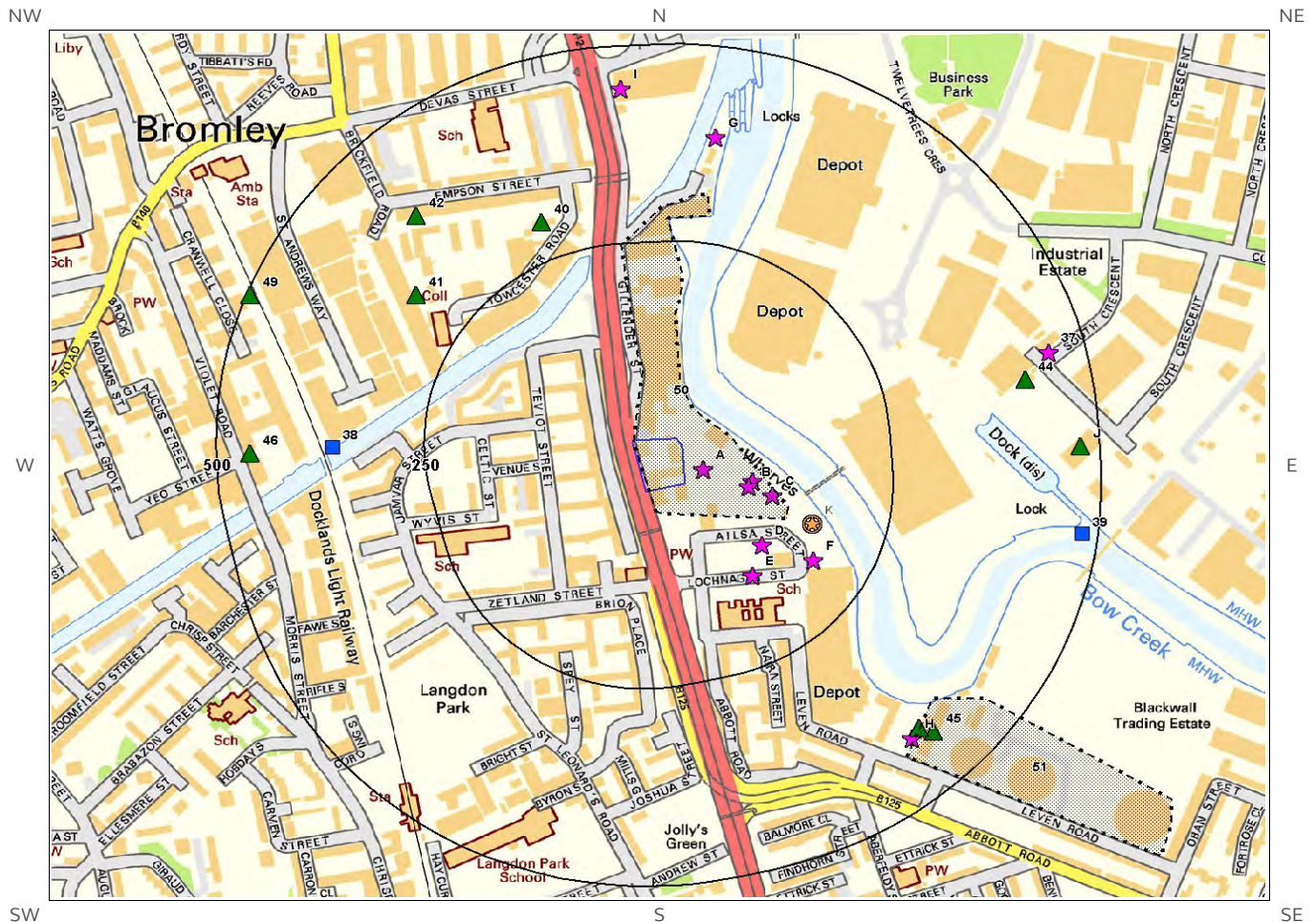
The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
865A	3	E	Unspecified Wharf	1894
866A	6	E	Unspecified Wharf	1896
867B	7	E	Ponds	1867
868A	9	E	Unspecified Wharf	1898
869B	9	E	Ponds	1867
870D	11	N	Unspecified Wharf	1894
871A	42	E	Unspecified Wharf	1894
872K	65	NE	Dock	1949
873J	71	NE	Dock	1938
874K	80	NE	Dock	1894
875L	84	NE	Dock	1894

876M	85	NE	Dock	1920
877T	95	E	Unspecified Pit	1938
878N	108	E	Unspecified Wharf	1896
879N	110	E	Unspecified Wharves	1989
880T	114	E	Unspecified Ground Workings	1949
881	148	NW	Ponds	1867
882AB	151	E	Unspecified Wharf	1894
883N	156	E	Unspecified Wharf	1894
884AA	170	SE	Unspecified Wharf	1894
885AA	170	SE	Unspecified Wharf	1896
886AA	171	SE	Unspecified Wharf	1894
887AA	195	SE	Unspecified Wharf	1894
888AE	203	SE	Unspecified Wharf	1949
889AE	203	SE	Unspecified Wharf	1920
890	210	SE	Pond	1898
891AE	213	SE	Unspecified Wharf	1938
892AN	263	NW	Wharf and Saw Mills	1955
893AP	263	NE	Dock	1955
894AP	263	NE	Dock	1965
895AP	263	NE	Dock	1973
896AP	275	NE	Dock	1981
897AP	275	NE	Dock	1989
898AP	275	NE	Dock	1994
899BB	365	SE	Unspecified Wharf	1938
900BB	374	SE	Unspecified Wharf	1949
901BJ	392	W	Brick Field	1867
902BB	394	SE	Unspecified Wharf	1920
903BM	411	SW	Cuttings	1898
904BM	422	SW	Cuttings	1867
905BU	429	SW	Cuttings	1867
906BM	447	SW	Cuttings	1965
907BM	447	SW	Cuttings	1955
908BM	447	SW	Cuttings	1973
909EK	456	W	Unspecified Wharves	1994
910BV	457	SW	Cuttings	1949
911BY	461	SW	Cuttings	1896
912BU	462	SW	Cuttings	1989
913BU	462	SW	Cuttings	1994
914BU	463	SW	Cuttings	1920
915BM	463	SW	Cuttings	1981
916BU	466	SW	Cuttings	1894
917BU	467	SW	Cuttings	1894
918BU	467	SW	Cuttings	1898
919BV	468	SW	Cuttings	1894
920EL	468	NE	Unspecified Pit	1920

921BU	476	SW	Cuttings	1938
922BU	491	SW	Cuttings	1949
923BY	495	SW	Cuttings	1894

2. Environmental Permits, Incidents and Registers Map



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- | | | |
|-------------------------------|---|--|
| Site Outline | Recorded Pollution Incident | RAS 3 & 4 Authorisations |
| Dangerous Substances (List 1) | Dangerous Substances (List 2) | Part A(1) Authorised Processes and Historic IPC Authorisations |
| Water Industry Referrals | Licenced Discharge Consents | Part A(2) and Part B Authorised Processes |
| Red List Discharge Consents | COMAH / NIHS Sites | Sites Determined as Contaminated Land |
| | Hazardous Substance Consents and Enforcements | |

2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

0

Database searched and no data found.

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

0

Database searched and no data found.

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

0

Database searched and no data found.

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

10

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
40	297	N	538051 182193	Address: Modern Mix Concrete, Unit 1, Lusty Industrial Estate, Empson Street, London, E3 3LT Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
41	319	NW	537901 182101	Address: Jim'll Mix It Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
42	386	NW	537901 182201	Address: Pj Lowe Furniture, Empsom St, E3 3LT Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
43H	419	SE	538504 181553	Address: J Ash & Sons, London Galvanisers, Leven Road, London, E14 OLP Process: Hot Dip Galvanizing Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
44	419	E	538632 181993	Address: Cemex UK Materials Ltd (South East), 10a South Crescent, Cody Business Centre, E16 4TL Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
45	435	SE	538522 181548	Address: London Galvanisers, Leven Road, London, E14 OLP Process: Hot Dip Galvanizing Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
46	460	W	537701 181900	Address: Strong Packing Cases Ltd, Caspian Wharf, Violet Rd, E3 3QQ Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
47J	476	E	538698 181909	Address: Westmoor Concrete, South Crescent, Cody Business Centre, E16 4TL Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
48J	476	E	538698 181909	Address: Westmoor Concrete, South Crescent, Cody Business Centre, E16 4TL Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
49	496	W	537701 182101	Address: Car Body Workshop, Bow Enterprise Pk, Cranwell Close, E3 3QY Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

2

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
38	361	W	537800 181910	<p>Address: DEVONS ROAD GOODS YARD SITE, BROMLE, DEVONS ROAD GOODS YARD SITE, BRO, MLEY BY BOW, LONDON</p> <p>Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER</p> <p>Permit Number: CTWC.1804</p> <p>Permit Version: 1</p> <p>Receiving Water: LIMEHOUSE CUT</p> <p>Status: REVOKED - UNSPECIFIED</p> <p>Issue date: 06/08/1987</p> <p>Effective Date: 06-Aug-1987</p> <p>Revocation Date: 04/12/1992</p>
39	481	E	538700 181800	<p>Address: CODY ROAD BUSINESS CENTRE, CODY ROA, CODY ROAD BUSINESS CENTRE, CODY, ROAD, LONDON, E16</p> <p>Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER</p> <p>Permit Number: CTWC.0822</p> <p>Permit Version: 1</p> <p>Receiving Water: BOW CREEK /RIVER LEE</p> <p>Status: REVOKED - UNSPECIFIED</p> <p>Issue date: 28/04/1986</p> <p>Effective Date: 28-Apr-1986</p> <p>Revocation Date: 21/01/1997</p>

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

1

The following records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	Application Reference Number	NGR	Application Status	Application Date	Address	Details	Details of Enforcement Action
53K	161	E	No Details.	538376 181812	Historical Consent	No Details	Esso Gas, Ailsa Wharf, Ailsa	No Details.	Enforcement: No Enforcement Notified

ID	Distance (m)	Direction	Application Reference Number	NGR	Application Status	Application Date	Address	Details	Details of Enforcement Action
							Street, E14 OLE		Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

2

The following COMAH & NIHHS Authorisation records provided by the Health and Safety Executive are represented as polygons or buffered points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	Company	Address	Operational Status	Tier
50	0	On Site	Southern Counties Gas	Lpg Holdings Ltd (t/a Southern Counties Gas)aisla Wharf, Ailsast, Poplar	Historical NIHHS Site	-
51	403	SE	British Gas	British Gas, Poplar Holder Station, Leven Road, Poplar, E14 0LL	Historical COMAH Site	-

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

37

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1A	22	E	538245.0 181882.0	Incident Date: 20-Mar-2014 Incident Identification: 1219761.0 Pollutant: Specific Waste Materials Pollutant Description: Household Waste Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
2A	22	E	538245.0 181882.0	Incident Date: 20-Mar-2014 Incident Identification: 1219761.0 Pollutant: Specific Waste Materials Pollutant Description: Tyres Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
3B	75	E	538299.0 181860.0	Incident Date: 02-Feb-2006 Incident Identification: 374860.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
4B	75	E	538299.0 181860.0	Incident Date: 02-Feb-2006 Incident Identification: 374860.0 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
5B	75	E	538299.0 181860.0	Incident Date: 02-Feb-2006 Incident Identification: 374860.0 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)

ID	Distance (m)	Direction	NGR	Details	
Vehicle Parts					
6B	80	E	538304.0 181867.0	Incident Date: 13-Jun-2005 Incident Identification: 320083.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
7B	80	E	538304.0 181867.0	Incident Date: 13-Jun-2005 Incident Identification: 320083.0 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
8B	80	E	538304.0 181867.0	Incident Date: 13-Jun-2005 Incident Identification: 320083.0 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
9B	80	E	538304.0 181867.0	Incident Date: 13-Jun-2005 Incident Identification: 320083.0 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
10B	80	E	538304.0 181867.0	Incident Date: 13-Jun-2005 Incident Identification: 320083.0 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
11B	80	E	538304.0 181867.0	Incident Date: 13-Jun-2005 Incident Identification: 320083.0 Pollutant: Specific Waste Materials Pollutant Description: Batteries	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
12B	80	E	538304.0 181867.0	Incident Date: 13-Jun-2005 Incident Identification: 320083.0 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
13C	105	E	538328.0 181849.0	Incident Date: 23-Oct-2006 Incident Identification: 446533.0 Pollutant: Specific Waste Materials Pollutant Description: Batteries	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
14C	105	E	538328.0 181849.0	Incident Date: 23-Oct-2006 Incident Identification: 446533.0 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
15C	105	E	538328.0 181849.0	Incident Date: 23-Oct-2006 Incident Identification: 446533.0 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
16C	105	E	538328.0 181849.0	Incident Date: 23-Oct-2006 Incident Identification: 446533.0 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
17D	120	SE	538315.0 181786.0	Incident Date: 23-Oct-2006 Incident Identification: 445640.0 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
18D	120	SE	538315.0 181786.0	Incident Date: 23-Oct-2006 Incident Identification: 445640.0 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
19D	120	SE	538315.0 181786.0	Incident Date: 23-Oct-2006 Incident Identification: 445640.0 Pollutant: Specific Waste Materials	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)

ID	Distance (m)	Direction	NGR	Details	
Pollutant Description: Batteries					
20D	120	SE	538315.0 181786.0	Incident Date: 23-Oct-2006 Incident Identification: 445640.0 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
21D	120	SE	538315.0 181786.0	Incident Date: 23-Oct-2006 Incident Identification: 445640.0 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
22D	120	SE	538315.0 181786.0	Incident Date: 23-Oct-2006 Incident Identification: 445640.0 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
23E	141	SE	538304.0 181748.0	Incident Date: 30-Aug-2002 Incident Identification: 104264.0 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
24E	141	SE	538304.0 181748.0	Incident Date: 30-Aug-2002 Incident Identification: 104264.0 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
25E	141	SE	538304.0 181748.0	Incident Date: 30-Aug-2002 Incident Identification: 104264.0 Pollutant: Specific Waste Materials:Specific Waste Materials Pollutant Description: Commercial Waste:Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
26F	181	SE	538377.0 181767.0	Incident Date: 23-Oct-2006 Incident Identification: 446766.0 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
27F	181	SE	538377.0 181767.0	Incident Date: 23-Oct-2006 Incident Identification: 446766.0 Pollutant: Specific Waste Materials Pollutant Description: Batteries	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
28F	181	SE	538377.0 181767.0	Incident Date: 23-Oct-2006 Incident Identification: 446766.0 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
29F	181	SE	538377.0 181767.0	Incident Date: 23-Oct-2006 Incident Identification: 446766.0 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 2 (Significant) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
30G	384	N	538260.0 182302.0	Incident Date: 14-May-2003 Incident Identification: 158285.0 Pollutant: Inorganic Chemicals/Products Pollutant Description: Other Inorganic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
31G	384	N	538260.0 182302.0	Incident Date: 20-Oct-2001 Incident Identification: 37983.0 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
32H	422	SE	538495.0 181541.0	Incident Date: 18-Nov-2013 Incident Identification: 1177082.0 Pollutant: Agricultural Materials and Wastes Pollutant Description: Other Agricultural Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)

ID	Distance (m)	Direction	NGR	Details	
33H	422	SE	538495.0 181541.0	Incident Date: 18-Nov-2013 Incident Identification: 1177082.0 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Food and Drink	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
34I	446	N	538146.0 182364.0	Incident Date: 22-Oct-2001 Incident Identification: 38338.0 Pollutant: Inert Materials and Wastes: Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
35I	446	N	538146.0 182364.0	Incident Date: 22-Oct-2001 Incident Identification: 38338.0 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
36I	446	N	538146.0 182364.0	Incident Date: 22-Oct-2001 Incident Identification: 38338.0 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
37	454	E	538659.0 182030.0	Incident Date: 10-Jul-2002 Incident Identification: 90569.0 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

Database searched and no data found.

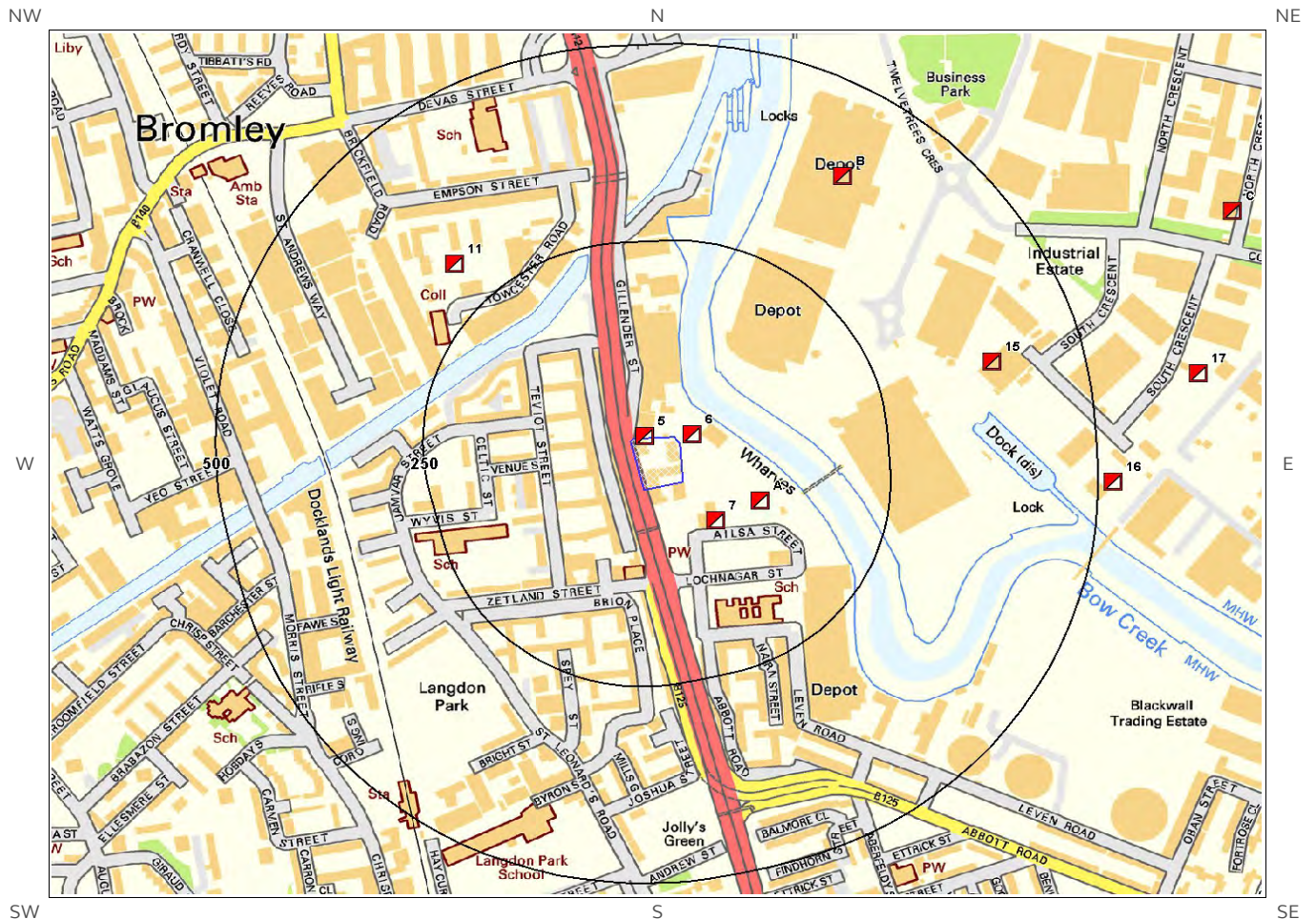
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

Records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site

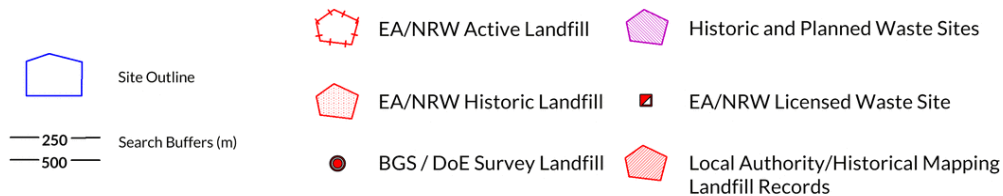
0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



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3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

0

Database searched and no data found.

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

4

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
Not shown	881	S		Site Address: Eastern Dock, South Bromley, Tower Hamlets, London Waste Licence: - Site Reference: 8TH002, TOW002 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
Not shown	898	SE		Site Address: Lanrick Road, London E14 Waste Licence: - Site Reference: SHA046 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
Not shown	1161	SE		Site Address: East India Dock, London E14 Waste Licence: - Site Reference: 8TH005, TOW005 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
Not shown	1328	S		Site Address: Poplar Dock, Blackwall, Tower Hamlets, London Waste Licence: - Site Reference: 8TH004, TOW004 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

3

The following landfill records are represented as points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Site Address	Source	Data Type
Not shown	954	N	538361 182875	Refuse Tip	1962 mapping	Polygon
Not shown	954	N	538361 182875	Refuse Tip	1962 mapping	Polygon
Not shown	954	N	538347 182871	Refuse Tip	1962 mapping	Polygon

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

28

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
5	4	N	538177 181923	<div> <div> Site Address: B Cox, Tunnel Approach Transfer Station, 40, Gillender Street, London, E14 6RH Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CLE006 EPR reference: - Operator: Cleanaway Ltd Waste Management licence No: 80132 </div> <div> Issue Date: 02/02/1990 Effective Date: - Modified: 21/04/1997 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Cleanaway Limited, Gillender Street Correspondence Address: Cleanaway Limited, The Drive, Warley, Brentwood, </div> </div>

ID	Distance (m)	Direction	NGR	Details	
				Annual Tonnage: 0.0	Essex, CM13 3BE
6	18	NE	538234 181925	Site Address: B Cox, Tunnel Approach Transfer Station, 40, Gillender Street, London, E14 6RH Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CLE006 EPR reference: EA/EPR/PP3291NP/S005 Operator: Veolia E S Cleanaway (U K) Ltd Waste Management licence No: 80132 Annual Tonnage: 0.0	Issue Date: 02/02/1990 Effective Date: - Modified: 21/04/1997 Surrendered Date: Jun 6 2016 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Gillender Street Correspondence Address: -
7	62	SE	538263 181816	Site Address: Blackwall Marine Diesel Ltd, Unit 2, Ailsa Street, London, E14 0LE Type: 75kte Vehicle Depollution Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BMD002 EPR reference: EA/EPR/FB3738AE/A001 Operator: Blackwall Marine Diesel Limited Waste Management licence No: 104013 Annual Tonnage: 74999.0	Issue Date: 20/04/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Blackwall Marine Diesel Ltd Correspondence Address: -
8A	95	E	538316 181841	Site Address: - Type: 75kte HCl Waste TS + treatment Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DRP003 EPR reference: EA/EPR/FB3737WF/V003 Operator: D R Plant Solutions Ltd Waste Management licence No: 104011 Annual Tonnage: 74999.0	Issue Date: 27/03/2012 Effective Date: - Modified: 27/05/2015 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: D R Plant Solutions Correspondence Address: -
9A	95	E	538316 181841	Site Address: Quick Skips London, Unit 3, Ailsa Street, London, E14 0NE Type: 75kte HCl Waste TS + treatment Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: QUI002 EPR reference: EA/EPR/FB3000GC/T001 Operator: Quick Skips London Limited Waste Management licence No: 104011 Annual Tonnage: 74999.0	Issue Date: 27/03/2012 Effective Date: 27/02/2017 Modified: 27/05/2015 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Quick Skips London Correspondence Address: -
10A	95	E	538316 181841	Site Address: Quick Skips London, Unit 3, Ailsa Street, London, E14 0NE Type: 75kte HCl Waste TS + treatment Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: QUI001 EPR reference: EA/EPR/FB3907UH/T001 Operator: Quick Skips London Recycling Ltd Waste Management licence No: 104011 Annual Tonnage: 74999.0	Issue Date: 27/03/2012 Effective Date: 13/04/2018 Modified: 27/05/2015 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Quick Skips London Correspondence Address: -
11	310	NW	537949 182142	Site Address: T Clifford, Clifford House, Towcester Road, Bow, London, E3 3ND Type: Special Waste Transfer Station Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CLI001 EPR reference: EA/EPR/PP3191NJ/A001 Operator: Clifford Devlin Ltd Waste Management licence No: 80134 Annual Tonnage: 1785.0	Issue Date: 20/12/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Towcester Road Correspondence Address: -
12B	389	NE	538416 182253	Site Address: Prologis Business Park, Unit J, Twelvetreces Crescent, Bromley By Bow,	Issue Date: 19/06/2006 Effective Date: -

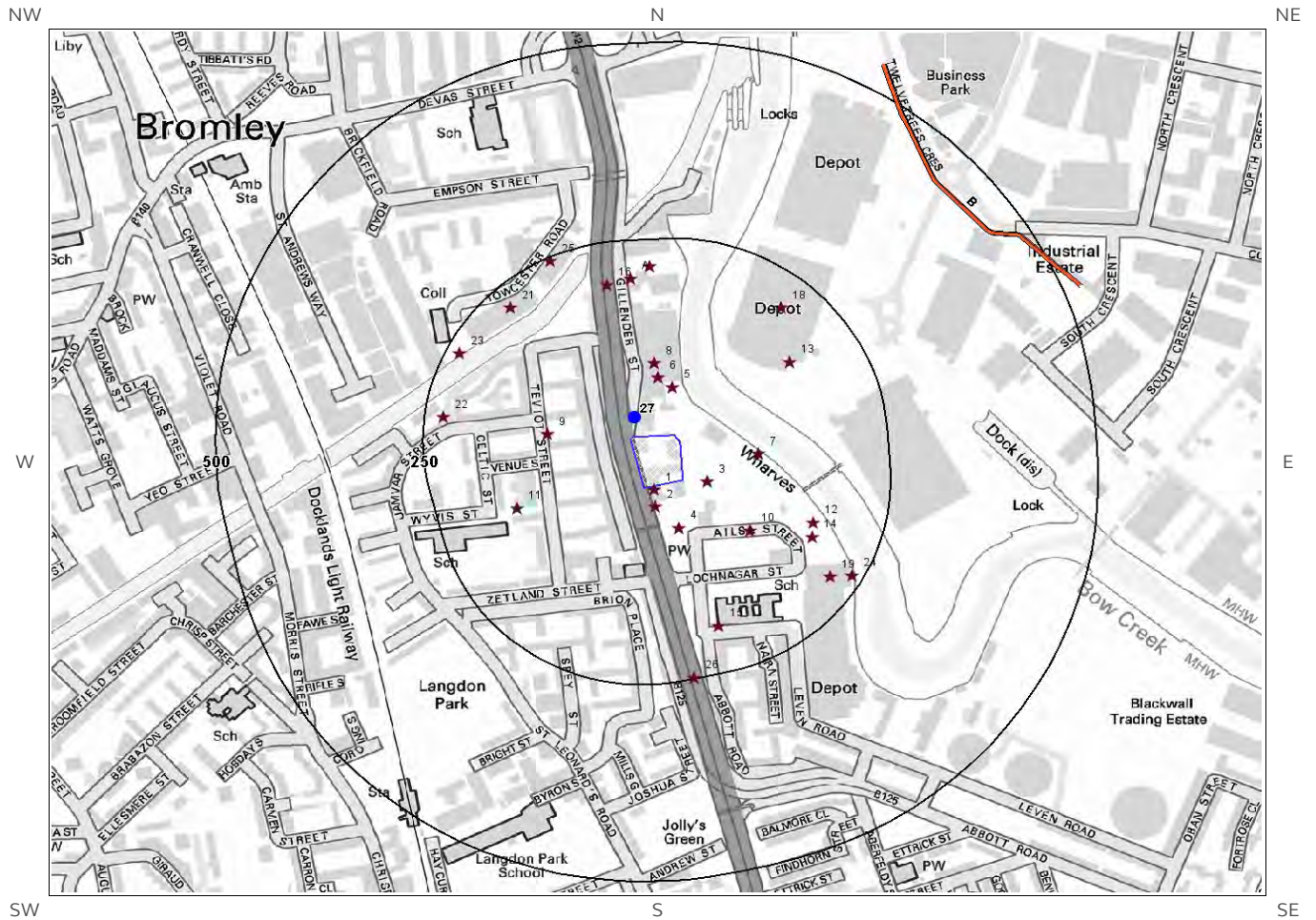
ID	Distance (m)	Direction	NGR	Details
				<p>London, E3 3JH</p> <p>Type: Special Waste Transfer Station</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: BYW004</p> <p>EPR reference: -</p> <p>Operator: Bywaters (Leyton) Limited</p> <p>Waste Management licence No: 80744</p> <p>Annual Tonnage: 0.0</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Bywaters Bromley By Bow</p> <p>Correspondence Address: Gateway Road, Leyton, London, E10 5BY</p>
13B	389	NE	538416 182253	<p>Site Address: Unit J Prologis Park, Twelvetreces Crescent, Bow, London, E3 3JG</p> <p>Type: Special Waste Transfer Station</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: BYW004</p> <p>EPR reference: EA/EPR/SP3093EA/V004</p> <p>Operator: Bywaters (Leyton) Ltd</p> <p>Waste Management licence No: 80744</p> <p>Annual Tonnage: 650000.0</p> <p>Issue Date: 19/06/2006</p> <p>Effective Date: -</p> <p>Modified: 10/09/2012</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Bywaters Recycling And Recovery Centre</p> <p>Correspondence Address: -</p>
14B	389	NE	538416 182253	<p>Site Address: Unit J Prologis Park, Twelvetreces Crescent, Bow, London, E3 3JG</p> <p>Type: Special Waste Transfer Station</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: BYW004</p> <p>EPR reference: EA/EPR/SP3093EA/V004</p> <p>Operator: Bywaters (Leyton) Ltd</p> <p>Waste Management licence No: 80744</p> <p>Annual Tonnage: 650000.0</p> <p>Issue Date: 19/06/2006</p> <p>Effective Date: -</p> <p>Modified: 10/09/2012</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Bywaters Recycling And Recovery Centre</p> <p>Correspondence Address: -</p>
15	389	E	538595 182018	<p>Site Address: Walter Reid, 9a Cody Business Centre, South Crescent, London, E16 4TL</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: >= 25000 tonnes < 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: REM001</p> <p>EPR reference: EA/EPR/QP3396NZ/V003</p> <p>Operator: The Remet Company Ltd</p> <p>Waste Management licence No: 80115</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 13/10/1992</p> <p>Effective Date: -</p> <p>Modified: 18/05/2012</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Remet Canning Town, Cody Road</p> <p>Correspondence Address: -</p>
16	517	E	538741 181865	<p>Site Address: 11a, Cody Road Business Centre, South Crescent, Canning Town, London, E16 4SR</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: OSS013</p> <p>EPR reference: EA/EPR/BB3400MJ/A001</p> <p>Operator: Orion Support Services Limited</p> <p>Waste Management licence No: 401256</p> <p>Annual Tonnage: 75000.0</p> <p>Issue Date: 19/03/2014</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: 0</p> <p>Cancelled Date: 0</p> <p>Status: Issued</p> <p>Site Name: Orion Support Services</p> <p>Correspondence Address: -</p>
17	630	E	538844 182003	<p>Site Address: 7c, South Crescent, London, E16 4TL</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MCF003</p> <p>EPR reference: EA/EPR/CB3704CL/A001</p> <p>Operator: Mcfen Plant Limited</p> <p>Waste Management licence No: 402266</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 01/04/2015</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Mcfen Plant Limited</p> <p>Correspondence Address: -</p>
18C	728	NE	538885 182209	<p>Site Address: 11a, Cody Road Business Centre, South Crescent, Canning Town,</p> <p>Issue Date: 19/03/2014</p> <p>Effective Date: -</p>

ID	Distance (m)	Direction	NGR	Details
				<p>London, E16 4SR</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: OSS013</p> <p>EPR reference: EA/EPR/BB3400MJ/A001</p> <p>Operator: Orion Support Services Limited</p> <p>Waste Management licence No: 401256</p> <p>Annual Tonnage: 75000.0</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Orion Support Services</p> <p>Correspondence Address: -</p>
19C	728	NE	538885 182209	<p>Site Address: 11a, Cody Road Business Centre, South Crescent, Canning Town, London, E16 4SR</p> <p>Type: Physical Treatment Facility</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: OSS013</p> <p>EPR reference: EA/EPR/BB3400MJ/V003</p> <p>Operator: Orion Support Services Limited</p> <p>Waste Management licence No: 401256</p> <p>Annual Tonnage: 149999.0</p> <p>Issue Date: 19/03/2014</p> <p>Effective Date: -</p> <p>Modified: 01/06/2017</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Orion Support Services</p> <p>Correspondence Address: -</p>
Not shown	868	E	539091 181840	<p>Site Address: Oasis Park, 32, Stephenson Street, Canning Town, London, E16 4ST</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 25000 tonnes < 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: IOD001</p> <p>EPR reference: -</p> <p>Operator: IOD Skip Hire Ltd</p> <p>Waste Management licence No: 80515</p> <p>Annual Tonnage: 74900.0</p> <p>Issue Date: 11/08/2000</p> <p>Effective Date: -</p> <p>Modified: 16/10/2001</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: I O D Skip Hire Ltd</p> <p>Correspondence Address: Oasis Park, 32, Stephenson Street, Canning Town, London, E16 4ST</p>
Not shown	874	E	539075 181665	<p>Site Address: John Maynard, Mayer Parry Recycling Ltd, 29, Bidder Street, Canning Town, London, E16 4SZ</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MAY001</p> <p>EPR reference: EA/EPR/QP3796NY/V002</p> <p>Operator: Mayer Parry Recycling Ltd</p> <p>Waste Management licence No: 80125</p> <p>Annual Tonnage: 150000.0</p> <p>Issue Date: 05/11/1996</p> <p>Effective Date: -</p> <p>Modified: 11/12/2009</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Mayer Parry, Bidder Street</p> <p>Correspondence Address: -</p>
Not shown	909	E	539132 181838	<p>Site Address: 32, Stephenson Street, Canning Town, London, E16 4SA</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: IOD001</p> <p>EPR reference: EA/EPR/KP3597NZ/V006</p> <p>Operator: IOD Skip Hire Ltd</p> <p>Waste Management licence No: 80515</p> <p>Annual Tonnage: 350000.0</p> <p>Issue Date: 11/08/2000</p> <p>Effective Date: -</p> <p>Modified: 11/12/2015</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: I O D Skip Hire Ltd</p> <p>Correspondence Address: -</p>
Not shown	921	SE	539030 181418	<p>Site Address: Joe Wilkinson, Moody Wharf, Lanrick Road, Canning Town, London, E14 0JF</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: ERI001</p> <p>EPR reference: EA/EPR/BP3991NP/S003</p> <p>Operator: Erith Haulage Company Limited</p> <p>Waste Management licence No: 80138</p> <p>Annual Tonnage: 61868.0</p> <p>Issue Date: 18/10/1994</p> <p>Effective Date: -</p> <p>Modified: 19/03/1999</p> <p>Surrendered Date: Jan 6 2003 12:00AM</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Moody Wharf, Canning Town, London</p> <p>Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	921	SE	539030 181418	<p>Site Address: Joe Wilkinson, Moody Wharf, Lanrick Road, Canning Town, London, E14 0JF</p> <p>Type: Household, Commercial & Industrial Waste T Stn</p> <p>Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: ERI001</p> <p>EPR reference: -</p> <p>Operator: Erith Haulage Company Ltd</p> <p>Waste Management licence No: 80138</p> <p>Annual Tonnage: 0.0</p>	<p>Issue Date: 18/10/1994</p> <p>Effective Date: -</p> <p>Modified: 19/03/1999</p> <p>Surrendered Date: 06/01/2003</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Moody Wharf, Canning Town, London</p> <p>Correspondence Address: Erith Haulage Co Ltd, Riverside House, Darent Ind.Park, Maypole Crescent, Erith, Kent, DA8 2JZ</p>
Not shown	968	E	539135 181539	<p>Site Address: Soil Management Facility, Bidder Street, Canning Town, London, E16 4SH</p> <p>Type: Inert & Excavation WTS with treatment</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: PMC001</p> <p>EPR reference: EA/EPR/FB3900XQ/A001</p> <p>Operator: P M C Soil Solutions Ltd</p> <p>Waste Management licence No: 404568</p> <p>Annual Tonnage: 0.0</p>	<p>Issue Date: 12/03/2018</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: P M C Soil Solutions Soil Management Facility</p> <p>Correspondence Address: -</p>
Not shown	1213	N	538142 183132	<p>Site Address: Tony Collins, 20/22, Sugar House Lane, Stratford, London, E15 2QS</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: COL001</p> <p>EPR reference: EA/EPR/YP3196NW/S002</p> <p>Operator: Collins Tony Dennis</p> <p>Waste Management licence No: 80101</p> <p>Annual Tonnage: 0.0</p>	<p>Issue Date: 31/03/1994</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: Oct 24 2007 12:00AM</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Collins, Sugar House Lane, Stratford</p> <p>Correspondence Address: -</p>
Not shown	1310	N	537864 183194	<p>Site Address: Vulcan Wharf, Cooks Road, London, E15 2PW</p> <p>Type: -</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CIT061</p> <p>EPR reference: EA/EPR/SP3330NY/V003</p> <p>Operator: City Oils Limited</p> <p>Waste Management licence No: 402491</p> <p>Annual Tonnage: 10000.0</p>	<p>Issue Date: 20/07/2015</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Vulcan Wharf</p> <p>Correspondence Address: -</p>
Not shown	1310	N	537864 183194	<p>Site Address: Vulcan Wharf, Cooks Road, London, E15 2PW</p> <p>Type: Physico-Chemical Treatment Facility</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CIT061</p> <p>EPR reference: EA/EPR/SP3330NY/V003</p> <p>Operator: City Oils Limited</p> <p>Waste Management licence No: 402491</p> <p>Annual Tonnage: 10000.0</p>	<p>Issue Date: 20/07/2015</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Vulcan Wharf</p> <p>Correspondence Address: -</p>
Not shown	1390	W	536773 181844	<p>Site Address: David Sadler, Arch 433, Burdett Road, Bow, London, E3 4JS</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SAD001</p> <p>EPR reference: EA/EPR/BP3391NC/A001</p> <p>Operator: Sadler David</p> <p>Waste Management licence No: 80136</p> <p>Annual Tonnage: 312.0</p>	<p>Issue Date: 19/01/1992</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Mile End Metals, Burdett Road</p> <p>Correspondence Address: -</p>
Not	1445	N	538211	Site Address: -	Issue Date: 01/12/2014

ID	Distance (m)	Direction	NGR	Details
shown			183366	<p>Type: Mobile Plant for remediation of land Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VUB001 EPR reference: EA/EPR/CB3307FM/A001 Operator: Vastint U K B V Waste Management licence No: 105588 Annual Tonnage: 0.0</p> <p>Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Mobile Plant Correspondence Address: -</p>
Not shown	1445	N	538211 183366	<p>Site Address: - Type: Mobile plant treatment for soil <75,000 tpd Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VUK001 EPR reference: EA/EPR/CB3306UW/A001 Operator: Vastint U K B V Waste Management licence No: 105587 Annual Tonnage: 74999.0</p> <p>Issue Date: 01/12/2014 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Mobile Plant Correspondence Address: -</p>
Not shown	1484	N	537798 183357	<p>Site Address: Paul Thornton, 12, Barbers Road, Stratford, London, E15 2PH Type: Sewage sludge treatment Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REG008 EPR reference: EA/EPR/JP3596NH/V006 Operator: Regional Waste Recycling (Commercial) Ltd Waste Management licence No: 80107 Annual Tonnage: 324998.0</p> <p>Issue Date: 12/04/1994 Effective Date: 26/09/2008 Modified: 15/08/2011 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified Site Name: Regional Waste Recycling (Commercial) Ltd Correspondence Address: -</p>

4. Current Land Use Map



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Site Outline

★ Current Industrial Sites

— Electricity Transmission Cables

— 250 — Search Buffers (m)
— 500 —

● Petrol & Fuel Sites

— Gas Transmission Pipelines

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

26

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	4	S	fridgehire.co.uk	538189 181852	1, Wellspring Close, London, Greater London, E14 6FB	Cooling and Refrigeration	Industrial Products
2	25	S	B M W Used Spares Com	538190 181831	52-53, Gillender Street, London, Greater London, E14 6RN	Vehicle Parts and Accessories	Motoring
3	29	E	Depot	538253 181863	Greater London, E14	Container and Storage	Transport, Storage and Delivery
4	58	S	Electricity Sub Station	538219 181804	Greater London, E14	Electrical Features	Infrastructure and Facilities
5	62	N	Works	538211 181983	Greater London, E3	Unspecified Works Or Factories	Industrial Features
6	75	N	Iron Mountain Ltd	538193 181995	24-26, Gillender Street, London, Greater London, E3 3LB	Container and Storage	Transport, Storage and Delivery
7	92	E	St Leonard's Wharf	538314 181898	Greater London, E14	Moorings and Unloading Facilities	Water
8	93	N	Works	538189 182013	Greater London, E3	Unspecified Works Or Factories	Industrial Features
9	101	W	Electricity Sub Station	538060 181923	Greater London, E14	Electrical Features	Infrastructure and Facilities
10	102	SE	Quick Skips London Recycling Ltd	538304 181801	Unit 3, Ailsa Street, London, Greater London, E14 0LE	Construction and Tool Hire	Hire Services
11	154	W	Electricity Sub Station	538024 181829	Greater London, E14	Electrical Features	Infrastructure and Facilities
12	165	E	Depot	538380 181811	Greater London, E14	Container and Storage	Transport, Storage and Delivery
13	167	NE	Electricity Sub Station	538352 182015	Greater London, E3	Electrical Features	Infrastructure and Facilities
14	171	SE	Ailsa Wharf	538379 181793	Greater London, E14	Moorings and Unloading Facilities	Water
15	189	S	Chimney	538266 181680	Greater London, E14	Chimneys	Industrial Features
16	197	N	Gantry	538132 182113	Greater London, E14	Travelling Cranes and Gentries	Industrial Features
17A	202	N	Electricity Sub Station	538161 182121	Greater London, E3	Electrical Features	Infrastructure and Facilities
18	207	NE	Depot	538341 182084	Greater London, E3	Container and Storage	Transport, Storage and Delivery

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
19	215	SE	Islay Wharf	538401 181742	Greater London, E14	Moorings and Unloading Facilities	Water
20A	216	N	Barratt Industrial Park	538183 182136	Greater London, E3	Business Parks and Industrial Estates	Industrial Features
21	222	NW	Works	538016 182084	Greater London, E3	Unspecified Works Or Factories	Industrial Features
22	228	W	Electricity Sub Station	537935 181945	Greater London, E14	Electrical Features	Infrastructure and Facilities
23	235	NW	Electricity Sub Station	537954 182026	Greater London, E3	Electrical Features	Infrastructure and Facilities
24	236	SE	Crane	538427 181744	Greater London, E14	Travelling Cranes and Gantries	Industrial Features
25	246	NW	Works	538064 182143	Greater London, E3	Unspecified Works Or Factories	Industrial Features
26	247	S	Gantry	538237 181614	Greater London, E14	Travelling Cranes and Gantries	Industrial Features

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

1

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
27	25	N	538165 181944	OBSOLETE	43 Gillender Street, Bromley By Bow, London, Inner London, E14 6RN	Not Applicable	Obsolete

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site:

2

The following Underground Electricity Transmission Cable records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details
28B	450	NE	Cable Set: CITR4 - WHAM4 2 CABLE SECT 43 Cable Route: CITY ROAD - WEST HAM 2 Cable Type: A/C Operating Voltage (kV): 400

ID	Distance (m)	Direction	Details	
29B	451	NE	Cable Make: CABLE ROUTE	Year of installation: 1982 Cable in tunnel: N
			Cable Set: CITR4 - WHAM4 1 CABLE SECT 43 Cable Route: CITY ROAD - WEST HAM 1 Cable Make: CABLE ROUTE	Cable Type: A/C Operating Voltage (kV): 400 Year of installation: 1982 Cable in tunnel: N

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
KPGR-XSV	KEMPTON PARK GRAVEL MEMBER	SAND AND GRAVEL
ALV-XCZSP	ALLUVIUM	CLAY, SILT, SAND AND PEAT

5.3 Bedrock and Solid Geology

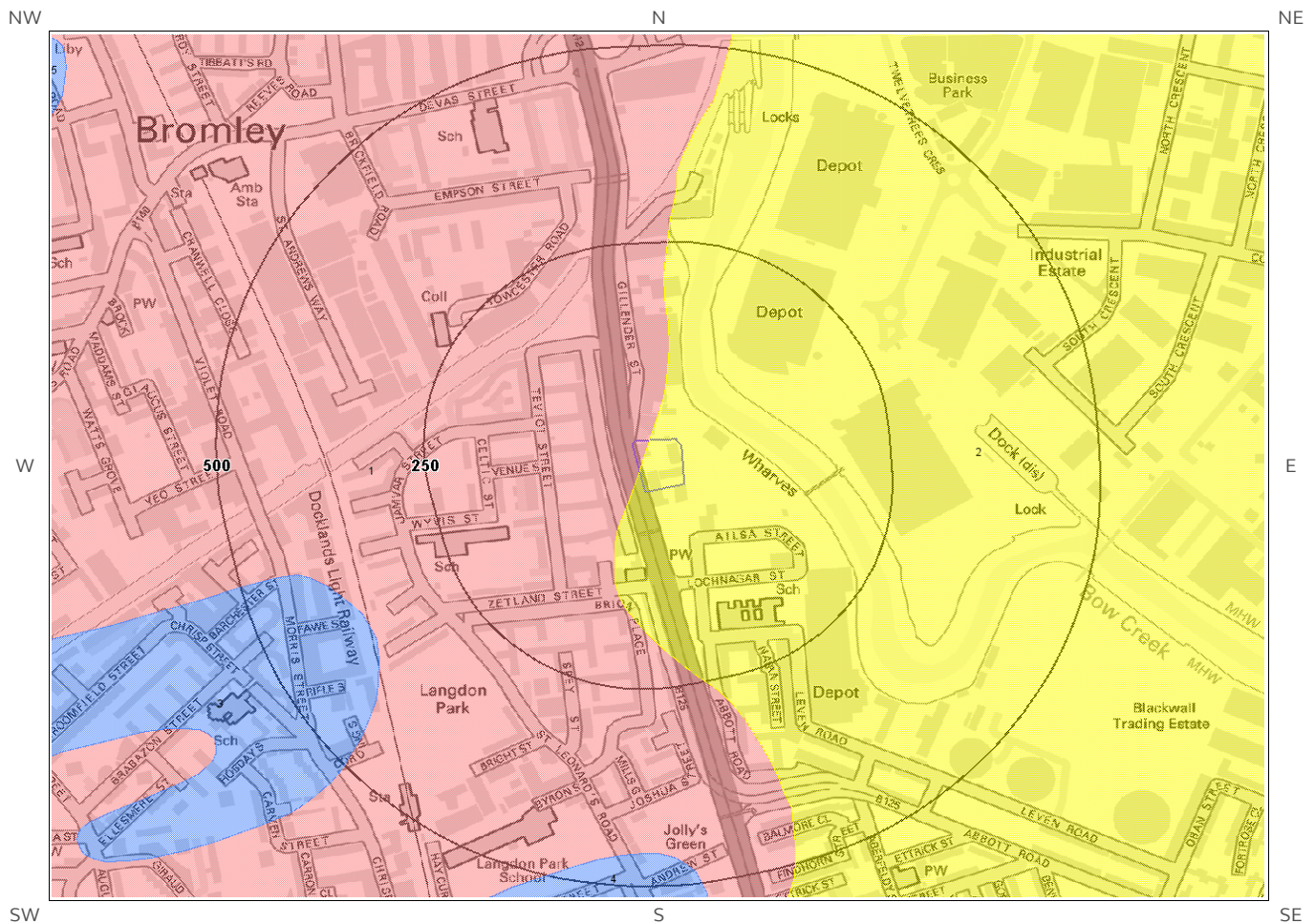
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
LC-XCZS	LONDON CLAY FORMATION	CLAY, SILT AND SAND

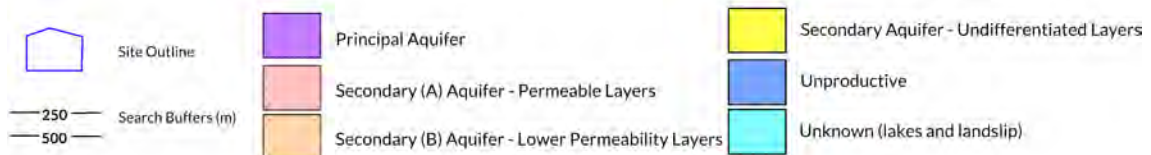
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

6a. Aquifer Within Superficial Geology



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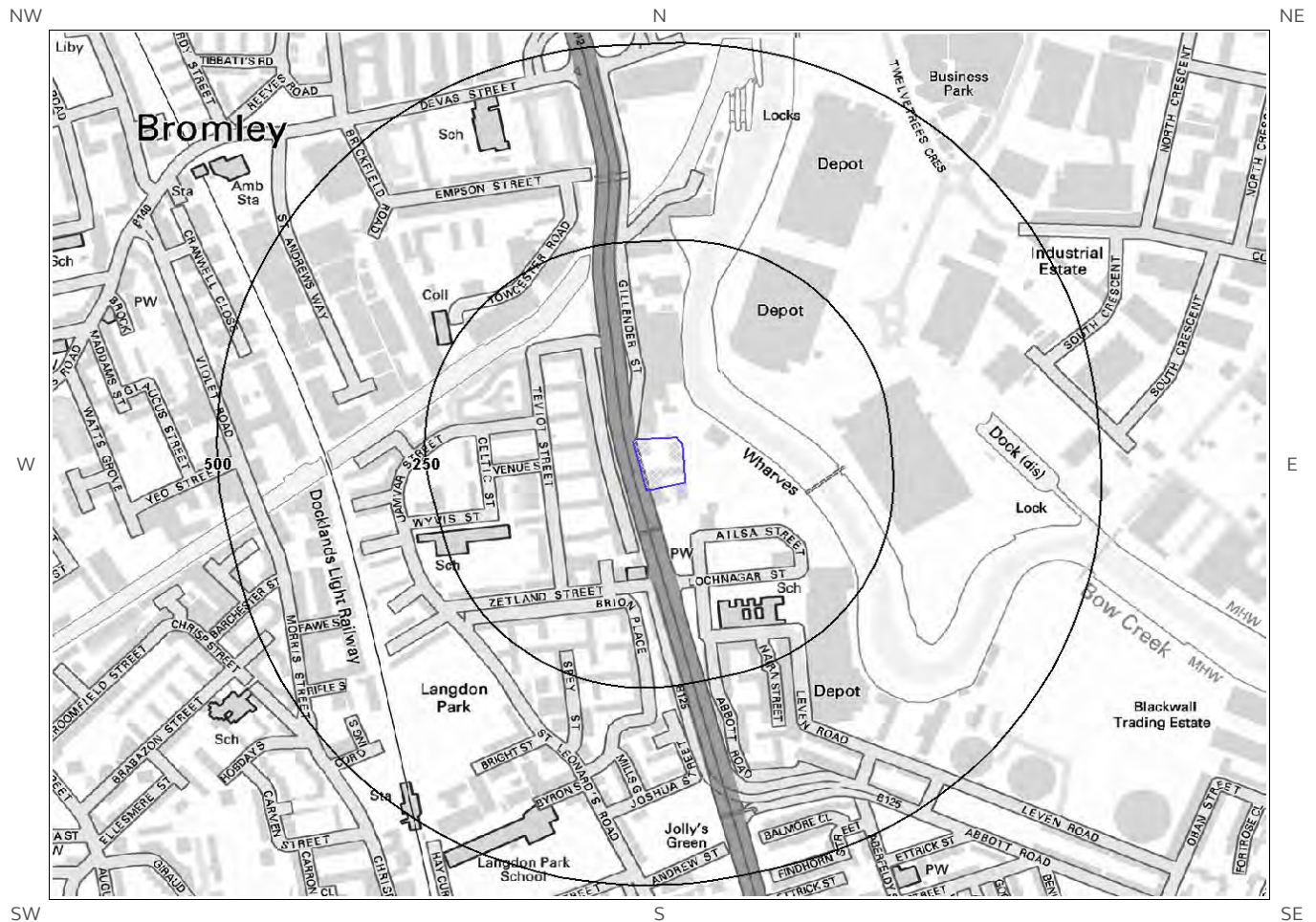


6b. Aquifer Within Bedrock Geology and Abstraction Licences

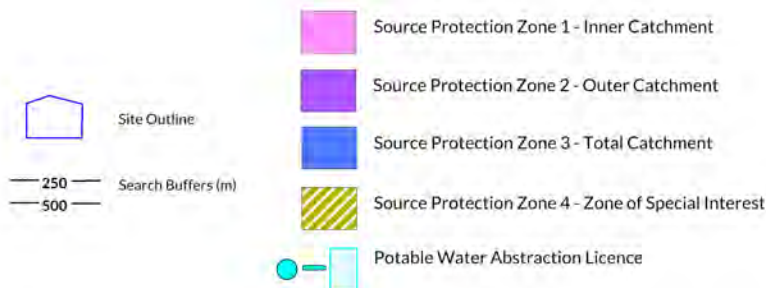


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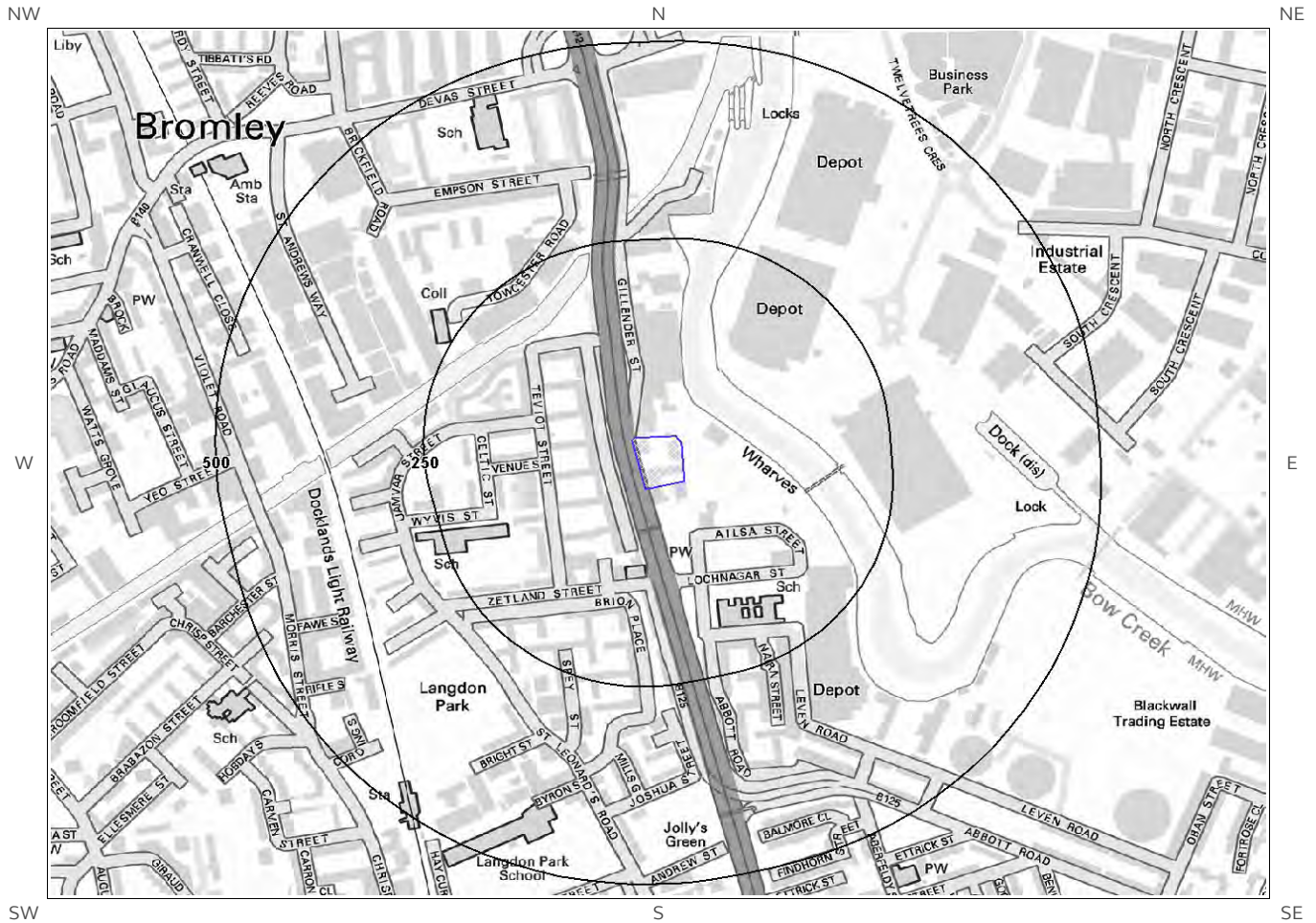
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



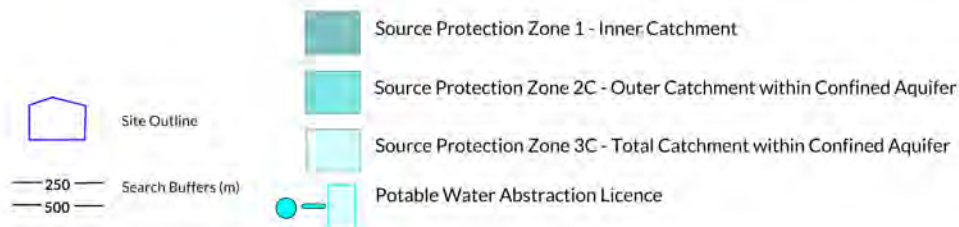
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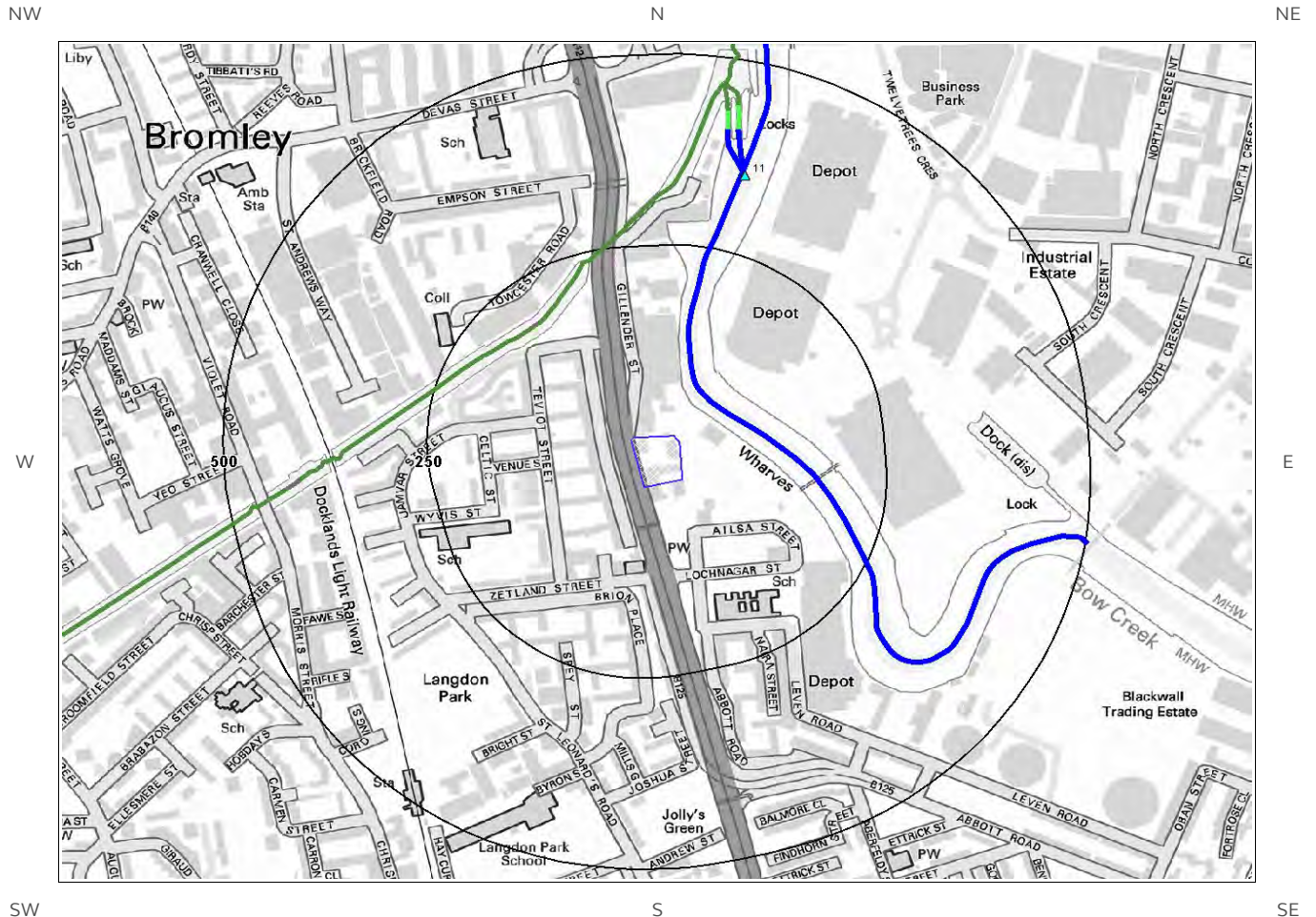
6d. Hydrogeology – Source Protection Zones within confined aquifer



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6e. Hydrology – Watercourse Network and River Quality



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Records of strata classification within the superficial geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
1	0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
3	372	SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	458	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

6.2 Aquifer within Bedrock Deposits

Records of strata classification within the bedrock geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
2	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

6.3 Groundwater Abstraction Licences

Groundwater Abstraction Licences within 2000m of the study site

Identified

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1142	SE	539130 181170	Status: Active Licence No: 29/38/09/0162 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: LIMMO PENINSULA Data Type: Point Name: LEE VALLEY REGIONAL PARK AUTHORITY Annual Volume (m³): 30000 Max Daily Volume (m³): 146.4 Original Application No: - Original Start Date: 28/07/1997 Expiry Date: - Issue No: 101 Version Start Date: 09/08/2001 Version End Date:
Not shown	1279	NE	538900 183000	Status: Active Licence No: 29/38/09/0149 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CANNING ROAD - BOREHOLE A Data Type: Point Name: ANJUMAN-E-ISCAHUL-MUSLIMEEN OF UK Annual Volume (m³): 107000 Max Daily Volume (m³): 1963.6 Original Application No: - Original Start Date: 01/11/1985 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1996 Version End Date:
Not shown	1397	NE	539100 183000	Status: Active Licence No: 29/38/09/0149 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CANNING ROAD - BOREHOLE B Data Type: Point Name: ANJUMAN-E-ISCAHUL-MUSLIMEEN OF UK Annual Volume (m³): 107000 Max Daily Volume (m³): 1963.6 Original Application No: - Original Start Date: 01/11/1985 Expiry Date: - Issue No: 100 Version Start Date: 05/11/1996 Version End Date:
Not shown	1464	NW	537300 183100	Status: Historical Licence No: 29/38/09/0142 Details: Process Water Direct Source: THAMES GROUNDWATER Point: 69 FAIRFIELD ROAD, BOW Data Type: Point Name: RADIANT METAL FINISHING CO LTD Annual Volume (m³): 90920 Max Daily Volume (m³): 545.52 Original Application No: - Original Start Date: 15/05/1979 Expiry Date: - Issue No: 100 Version Start Date: 15/05/1979 Version End Date:
Not shown	1609	NW	537543 183403	Status: Active Licence No: TH/038/0009/032/R01 Details: Process Water Direct Source: THAMES GROUNDWATER Point: WICK LANE, BOW, LONDON - BOREHOLE Data Type: Point Name: AGGREGATE INDUSTRIES UK LTD Annual Volume (m³): 36000 Max Daily Volume (m³): 489 Original Application No: - Original Start Date: 20/12/2016 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 20/12/2016 Version End Date:
Not shown	1609	NW	537543 183403	Status: Active Licence No: TH/038/0009/032/R01 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: WICK LANE, BOW, LONDON - BOREHOLE Data Type: Point Name: AGGREGATE INDUSTRIES UK LTD Annual Volume (m³): 36000 Max Daily Volume (m³): 489 Original Application No: - Original Start Date: 20/12/2016 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 20/12/2016 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1609	NW	537543 183403	Status: Historical Licence No: TH/038/0009/032 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: WICK LANE, BOW, LONDON - BOREHOLE Data Type: Point Name: AGGREGATE INDUSTRIES UK LTD	Annual Volume (m³): 12000 Max Daily Volume (m³): 489 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2019 Issue No: 2 Version Start Date: 31/07/2013 Version End Date:
Not shown	1630	NW	537530 183420	Status: Historical Licence No: 29/38/09/0177 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: BOREHOLE A AT WICK LANE, BOW, LONDON. Data Type: Point Name: AGGREGATE INDUSTRIES UK LTD	Annual Volume (m³): 30000 Max Daily Volume (m³): 489 Original Application No: - Original Start Date: 05/02/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 05/02/2002 Version End Date:
Not shown	1630	NW	537530 183420	Status: Historical Licence No: 29/38/09/0177 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: WICK LANE, BOW, LONDON - BOREHOLE Data Type: Point Name: AGGREGATE INDUSTRIES UK LTD	Annual Volume (m³): 30000 Max Daily Volume (m³): 489 Original Application No: - Original Start Date: 05/02/2002 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 04/06/2008 Version End Date:
Not shown	1630	NW	537530 183420	Status: Historical Licence No: 29/38/09/0177 Details: Process Water Direct Source: THAMES GROUNDWATER Point: WICK LANE, BOW, LONDON - BOREHOLE Data Type: Point Name: AGGREGATE INDUSTRIES UK LTD	Annual Volume (m³): 30000 Max Daily Volume (m³): 489 Original Application No: - Original Start Date: 05/02/2002 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 04/06/2008 Version End Date:
Not shown	1630	NW	537530 183420	Status: Historical Licence No: 29/38/09/0177 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'A' AT WICK LANE, BOW, LONDON. Data Type: Point Name: AGGREGATE INDUSTRIES UK LTD	Annual Volume (m³): 30000 Max Daily Volume (m³): 489 Original Application No: - Original Start Date: 05/02/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 05/02/2002 Version End Date:
Not shown	1661	W	536510 182100	Status: Historical Licence No: 28/39/39/0214 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: MILE END PARK-BOREHOLE Data Type: Point Name: LONDON BOROUGH OF TOWER HAMLETS	Annual Volume (m³): 10330 Max Daily Volume (m³): 48.8 Original Application No: - Original Start Date: 02/02/2005 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 01/04/2008 Version End Date:
Not shown	1661	W	536510 182100	Status: Historical Licence No: 28/39/39/0214 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: MILE END PARK-BOREHOLE Data Type: Point Name: LONDON BOROUGH OF TOWER HAMLETS	Annual Volume (m³): 10330 Max Daily Volume (m³): 48.8 Original Application No: - Original Start Date: 02/02/2005 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 01/04/2008 Version End Date:
Not shown	1663	W	536508 182100	Status: Active Licence No: TH/039/0039/063 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: MILE END PARK-BOREHOLE Data Type: Point Name: LONDON BOROUGH OF TOWER HAMLETS	Annual Volume (m³): 10330 Max Daily Volume (m³): 49 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 01/04/2013 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1663	W	536508 182100	Status: Historical Licence No: 28/39/39/0214 Details: Make-Up Or Top Up Water Direct Source: THAMES GROUNDWATER Point: MILE END PARK- BOREHOLE Data Type: Point Name: LONDON BOROUGH OF TOWER HAMLETS	Annual Volume (m³): 10330 Max Daily Volume (m³): 49 Original Application No: - Original Start Date: 02/02/2005 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 01/04/2013 Version End Date:
Not shown	1663	W	536508 182100	Status: Active Licence No: TH/039/0039/063 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: MILE END PARK-BOREHOLE Data Type: Point Name: LONDON BOROUGH OF TOWER HAMLETS	Annual Volume (m³): 10330 Max Daily Volume (m³): 49 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 01/04/2013 Version End Date:
Not shown	1663	W	536508 182100	Status: Historical Licence No: 28/39/39/0214 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: MILE END PARK- BOREHOLE Data Type: Point Name: LONDON BOROUGH OF TOWER HAMLETS	Annual Volume (m³): 10330 Max Daily Volume (m³): 49 Original Application No: - Original Start Date: 02/02/2005 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 01/04/2013 Version End Date:
Not shown	1671	W	536500 182100	Status: Historical Licence No: 28/39/39/0191 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BOREHOLE B AT MILE END PARK, LONDON Data Type: Point Name: THE MILE END PARK PARTNERSHIP	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 23/06/1999 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 23/06/1999 Version End Date:
Not shown	1671	W	536500 182100	Status: Historical Licence No: 28/39/39/0191 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: BOREHOLE B AT MILE END PARK, LONDON Data Type: Point Name: THE MILE END PARK PARTNERSHIP	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 23/06/1999 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 23/06/1999 Version End Date:
Not shown	1676	N	537670 183520	Status: Historical Licence No: 29/38/09/0197 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: BOW MIDLAND, STRATFORD-BOREHOLE C Data Type: Point Name: URS CORPORATION LIMITED	Annual Volume (m³): 26280 Max Daily Volume (m³): 72 Original Application No: - Original Start Date: 17/09/2007 Expiry Date: 31/12/2008 Issue No: 1 Version Start Date: 17/09/2007 Version End Date:
Not shown	1686	N	537580 183500	Status: Historical Licence No: 29/38/09/0197 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: BOW MIDLAND, STRATFORD-BOREHOLE A Data Type: Point Name: URS CORPORATION LIMITED	Annual Volume (m³): 26280 Max Daily Volume (m³): 72 Original Application No: - Original Start Date: 17/09/2007 Expiry Date: 31/12/2008 Issue No: 1 Version Start Date: 17/09/2007 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1691	N	537650 183530	Status: Historical Licence No: 29/38/09/0197 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: BOW MIDLAND, STRATFORD-BOREHOLE B Data Type: Point Name: URS CORPORATION LIMITED	Annual Volume (m³): 26280 Max Daily Volume (m³): 72 Original Application No: - Original Start Date: 17/09/2007 Expiry Date: 31/12/2008 Issue No: 1 Version Start Date: 17/09/2007 Version End Date:
Not shown	1831	N	537740 183700	Status: Historical Licence No: 29/38/09/0168 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: PUDDING MILL LANE, BOW, LONDON, E15 - BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD	Annual Volume (m³): 15000 Max Daily Volume (m³): 55 Original Application No: - Original Start Date: 12/01/2000 Expiry Date: 31/12/2009 Issue No: 2 Version Start Date: 30/07/2008 Version End Date:
Not shown	1831	N	537740 183700	Status: Historical Licence No: 29/38/09/0168 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: PUDDING MILL LANE, BOW, LONDON Data Type: Point Name: TARMAC HEAVY BUILDING MATERIALS UK LTD	Annual Volume (m³): 15000 Max Daily Volume (m³): 55 Original Application No: - Original Start Date: 12/01/2000 Expiry Date: 31/12/2009 Issue No: 1 Version Start Date: 12/01/2000 Version End Date:
Not shown	1831	N	537740 183700	Status: Historical Licence No: TH/038/0009/009 Details: Dust Suppression Direct Source: THAMES GROUNDWATER Point: PUDDING MILL LANE, BOW, LONDON, E15 - BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD	Annual Volume (m³): 15000 Max Daily Volume (m³): 55 Original Application No: - Original Start Date: 11/01/2010 Expiry Date: 31/12/2010 Issue No: 1 Version Start Date: 11/01/2010 Version End Date:
Not shown	1873	N	538510 183770	Status: Historical Licence No: 29/38/09/0172 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT THREE MILLS (EAST) SERVICE STATION, STRATFORD Data Type: Point Name: ESSO PETROLEUM COMPANY LTD	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 19/01/2001 Expiry Date: 30/11/2001 Issue No: 1 Version Start Date: 19/01/2001 Version End Date:
Not shown	1936	S	538900 180050	Status: Historical Licence No: 28/39/44/0042 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: THE MILLENNIUM DOME BOREHOLE Data Type: Point Name: ENGLISH PARTNERSHIPS	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 30/11/1999 Expiry Date: 31/12/2004 Issue No: 2 Version Start Date: 01/07/2001 Version End Date:

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site

Identified

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1308	N	537900 183200	Status: Historical Licence No: 29/38/09/0147 Details: General use relating to Secondary Category (Medium Loss) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BOW BACK RIVER Data Type: Point Name: BRITISH WATERWAYS BOARD Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 02/12/1983 Expiry Date: - Issue No: 100 Version Start Date: 04/07/1986 Version End Date:
Not shown	1962	N	537820 183850	Status: Historical Licence No: TH/038/0009/013 Details: Effluent/Slurry Dilution Direct Source: THAMES SURFACE WATER - NON TIDAL Point: CITY MILL RIVER OLYMPIC PARK CZ3A Data Type: Point Name: BRITISH WATERWAYS BOARD Annual Volume (m³): 1600 Max Daily Volume (m³): 200 Application No: - Original Start Date: 13/05/2010 Expiry Date: 13/05/2011 Issue No: 1 Version Start Date: 13/05/2010 Version End Date:

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site

Identified

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (6c):

ID	Distance (m)	Direction	NGR	Details
Not shown	1671	W	536500 182100	Status: Historical Licence No: 28/39/39/0191 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: BOREHOLE B AT MILE END PARK, LONDON Data Type: Point Name: THE MILE END PARK PARTNERSHIP Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 23/06/1999 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: Version End Date:
Not shown	1671	W	536500 182100	Status: Historical Licence No: 28/39/39/0191 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BOREHOLE B AT MILE END PARK, LONDON Data Type: Point Name: THE MILE END PARK PARTNERSHIP Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 23/06/1999 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: Version End Date:

6.6 Source Protection Zones

Source Protection Zones within 500m of the study site

None identified

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

Source Protection Zones within the Confined Aquifer within 500m of the study site

None identified

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site

Identified

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Minor Aquifer/High Leaching Potential	HU	Soil information for urban areas and restored mineral workings. These soils are therefore assumed to be highly permeable in the absence of site-specific information.

6.9 River Quality

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site

Identified

6.9.1 Biological Quality:

Database searched and no data found.

6.9.2 Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAH). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (6e):

ID	Distance (m)	Direction	NGR	River Quality Grade	Chemical Quality Grade				
					2005	2006	2007	2008	2009
11	350	N	538300 182260	River Name: Lee (navigation 'a') Reach: Lea Bridge Weir - Bow End/Start of Stretch: End of Stretch NGR	E	D	D	D	C
Not shown	879	N	538200 182800	River Name: Lee (navigation 'a') Reach: Lea Bridge Weir - Bow End/Start of Stretch: Sample Point NGR	E	D	D	D	C
Not shown	1042	E	539200 181500	River Name: Lee Reach: Carpenters Road - Thames End/Start of Stretch: Sample Point NGR	D	E	E	D	C

6.10 Ordnance Survey MasterMap Water Network

Ordnance Survey MasterMap Water Network entries within 500m of the study site

This watercourse information is provided by Ordnance Survey MasterMap Water Network. The data provides a detailed centre line following the curve of the waterway precisely, so all distances provided in the report should be understood as measurements to the centreline rather than a measurement to the nearest point of the watercourse. Underground watercourses are inferred from entry and exit points so caution is advised in using these to indicate precise locations of underground watercourses when planning site investigation and development.

The following Ordnance Survey MasterMap Water Network records are represented on the Hydrology Map (6e):

ID	Distance/Direction	Name	Type of Watercourse	Additional Details
1	64 NE	River Lea or Lee	Tidal river or stream.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
71	64 NE	River Lea or Lee	Tidal river or stream.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	190 NW	River Lee Navigation	Canal. A manmade watercourse for inland navigation.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 19.1
72	190	River Lee Navigation	Canal. A manmade watercourse for inland	Catchment Area: Thames Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	NW		navigation.	Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 19.1
3	357 N	River Lea or Lee	Tidal river or stream.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
4	357 N	River Lea or Lee	Tidal river or stream.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
5	357 N	Bow Creek	Tidal river or stream.	Catchment Area: Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	357 N	River Lea or Lee	Tidal river or stream.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	357 N	River Lea or Lee	Tidal river or stream.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
Not shown	357 N	Bow Creek	Tidal river or stream.	Catchment Area: Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
6	406 N	River Lea or Lee	Lock or flight of locks. An enclosure in a canal or navigable river with gates and sluices at either end.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.9
Not shown	406 N	River Lea or Lee	Lock or flight of locks. An enclosure in a canal or navigable river with gates and sluices at either end.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 3.9
7	408 N	River Lea or Lee	Lock or flight of locks. An enclosure in a canal or navigable river with gates and sluices at either end.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.3
Not shown	408 N	River Lea or Lee	Lock or flight of locks. An enclosure in a canal or navigable river with gates and sluices at either end.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 4.3
8	430 N	River Lea or Lee	Canal. A manmade watercourse for inland navigation.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 19.5
Not shown	430 N	River Lea or Lee	Canal. A manmade watercourse for inland navigation.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 19.5
9	440 N	River Lea or Lee	Canal. A manmade watercourse for inland navigation.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 18.8
Not shown	440 N	River Lea or Lee	Canal. A manmade watercourse for inland navigation.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 18.8
10	465 N	River Lea or Lee	Canal. A manmade watercourse for inland navigation.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 19.4
Not shown	465 N	River Lea or Lee	Canal. A manmade watercourse for inland navigation.	Catchment Area: Thames Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 19.4

6.11 Surface Water Features

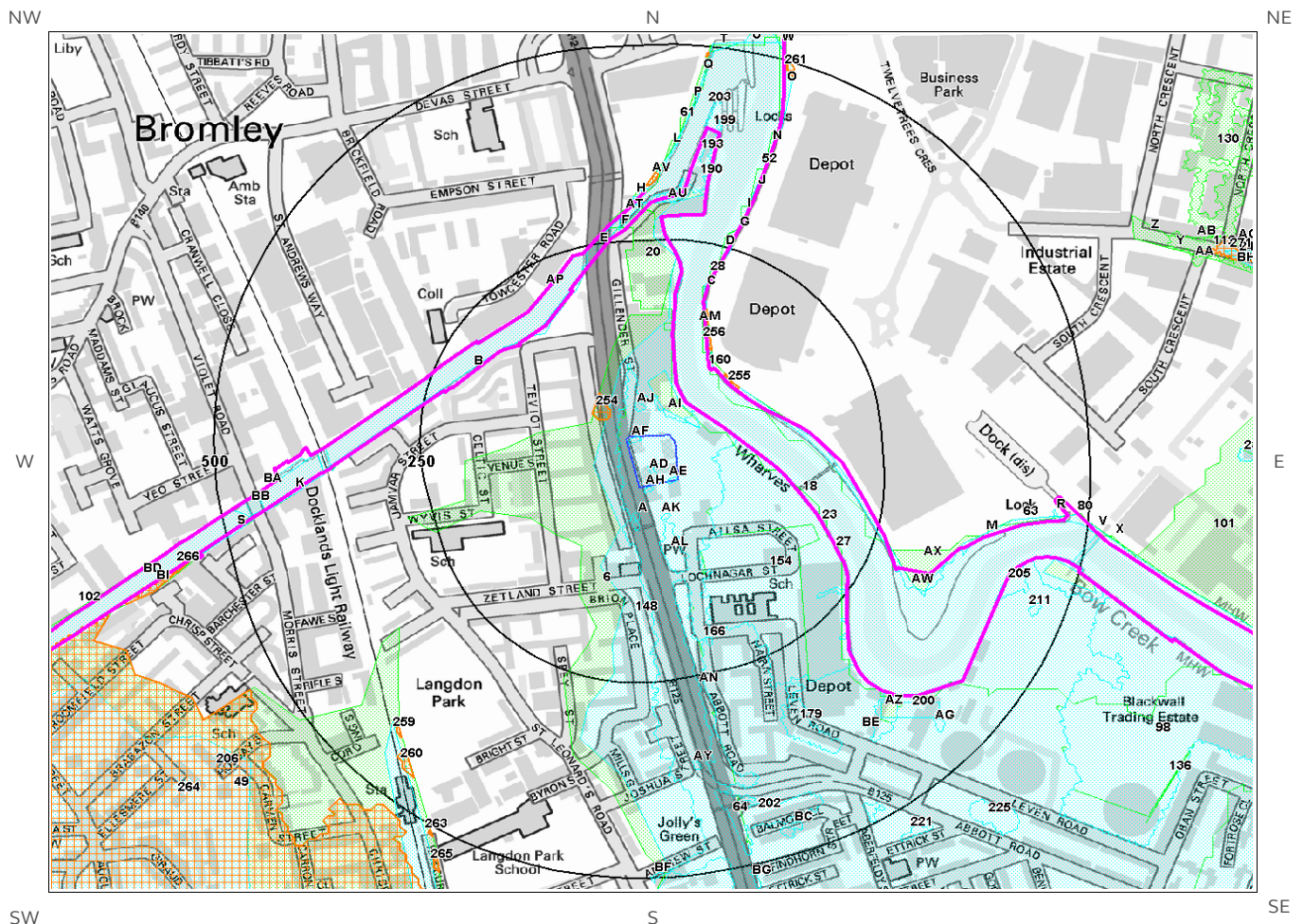
Surface water features within 250m of the study site

Identified

The following surface water records are not represented on mapping:

Distance (m)	Direction
47	NE
177	NW

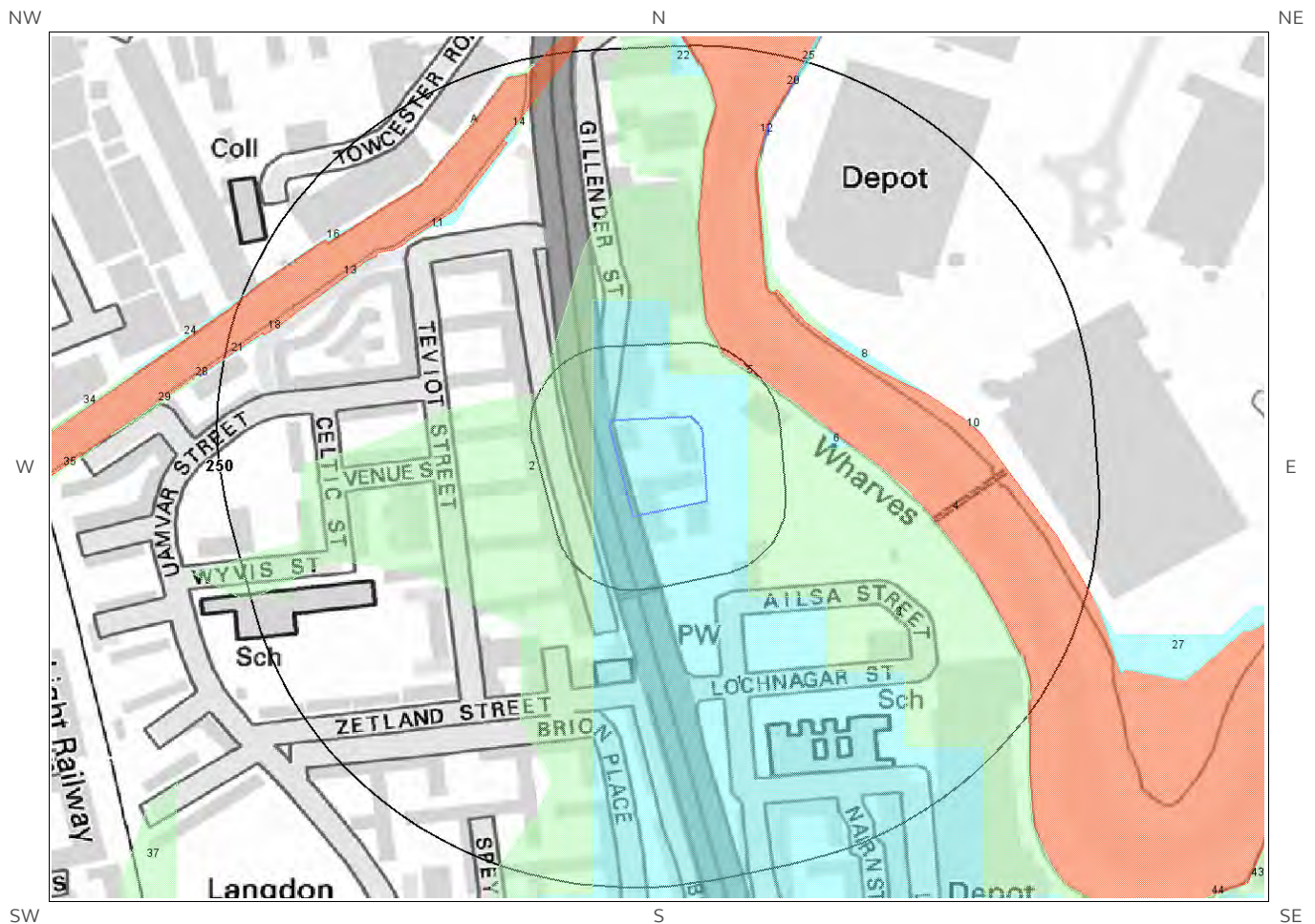
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



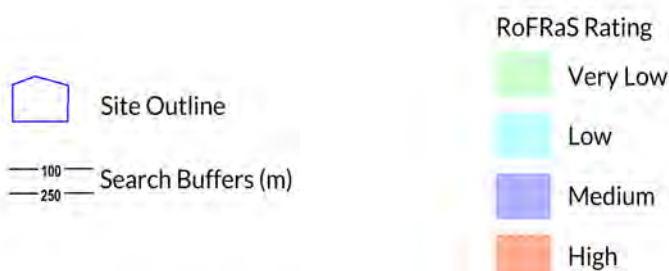
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7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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7 Flooding

7.1 River and Coastal Zone 2 Flooding

Environment Agency/Natural Resources Wales Zone 2 floodplain within 250m

Identified

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

ID	Distance (m)	Direction	Update	Type
1AF	0	On Site	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
2AD	0	On Site	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
3AE	0	On Site	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
4BE	0	On Site	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
5AH	1	S	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
6	7	W	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
7A	31	S	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
8AJ	33	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
9	37	NE	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
10AK	39	S	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
11	41	E	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
12A	44	S	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
13AL	49	S	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
14	84	NE	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
15	95	S	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
16	96	NE	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
17AM	114	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
18	121	E	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
19AN	125	S	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)

20	163	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
21B	167	NW	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
22B	177	NW	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
23	181	E	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
24C	183	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
25C	195	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
26AO	201	NW	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
27	203	SE	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
28	205	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
29AP	207	NW	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
30D	208	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
31AQ	211	NW	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
32E	217	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
33D	220	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
34AR	228	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
35E	241	N	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)
36AS	250	W	21-Feb-2019	Zone 2 - (Fluvial /Tidal Models)

7.2 River and Coastal Zone 3 Flooding

Environment Agency/Natural Resources Wales Zone 3 floodplain within 250m

Identified

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

ID	Distance (m)	Direction	Update	Type
1AF	0	On Site	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
2AD	0	On Site	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
3AE	0	On Site	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
4BE	0	On Site	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
5AH	1	S	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)

6	7	W	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
7A	21	NE	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
8AJ	28	NE	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
9	31	S	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
10AK	33	N	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
11	39	S	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
12A	41	E	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
13AL	44	S	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
14	48	N	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
15	49	S	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
16	96	NE	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
17AM	98	NE	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
18	100	NE	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
19AN	125	S	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
20	167	NW	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
21B	177	NW	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
22B	183	N	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
23	201	NW	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
24C	204	S	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
25C	207	NW	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
26AO	211	NW	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
27	217	N	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
28	220	N	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
29AP	228	N	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
30D	241	N	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)
31AQ	250	W	21-Feb-2019	Zone 3 - (Fluvial /Tidal Models)

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

Highest risk of flooding onsite

Low

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a Low (greater than 1 in 1000 but less than 1 in 100) chance of flooding in any given year.

Any relevant data within 250m is represented on the RoFRaS Flood map. Data to 50m is reported in the table below.

ID	Distance (m)	Direction	RoFRaS flood Risk
1	0.0	On Site	Low
2	11.0	W	Very Low
3	26.0	E	Very Low
4	46.0	NE	High
5	46.0	NE	Low

7.4 Flood Defences

Flood Defences within 250m of the study site

Identified

The following flood defence records are represented as lines on the Flood Map:

ID	Distance (m)	Direction	Update
272	46	NE	21-Feb-2019
273	97	NE	21-Feb-2019
274	201	NW	21-Feb-2019

7.5 Areas benefiting from Flood Defences

Areas benefiting from Flood Defences within 250m of the study site

Identified

7.6 Areas benefiting from Flood Storage

Areas used for Flood Storage within 250m of the study site

None identified

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site Identified

Clearwater Flooding or Superficial Deposits Flooding Superficial Deposits Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 Highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

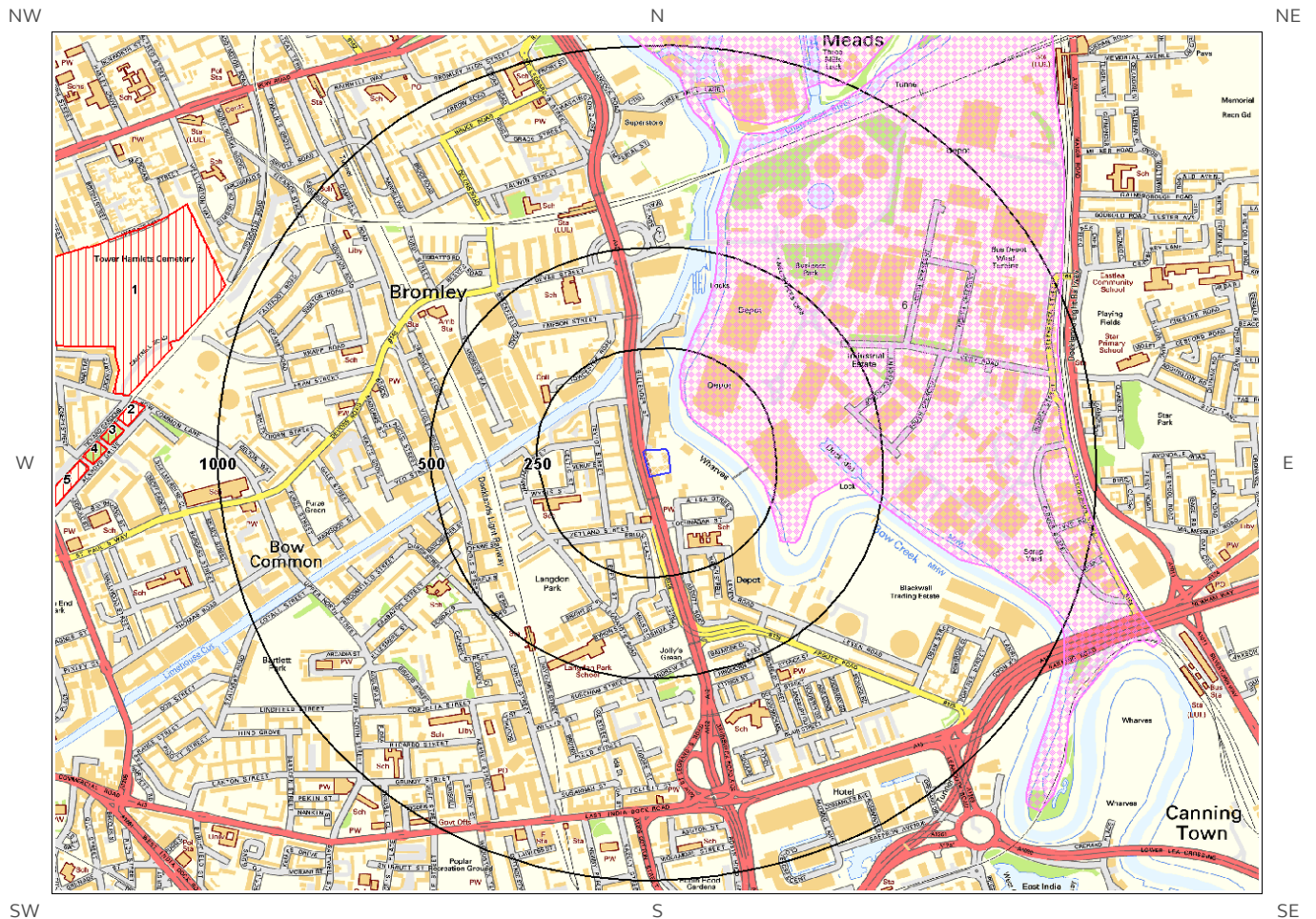
7.8 Groundwater Flooding Confidence Areas

British Geological Survey confidence rating in this result Moderate

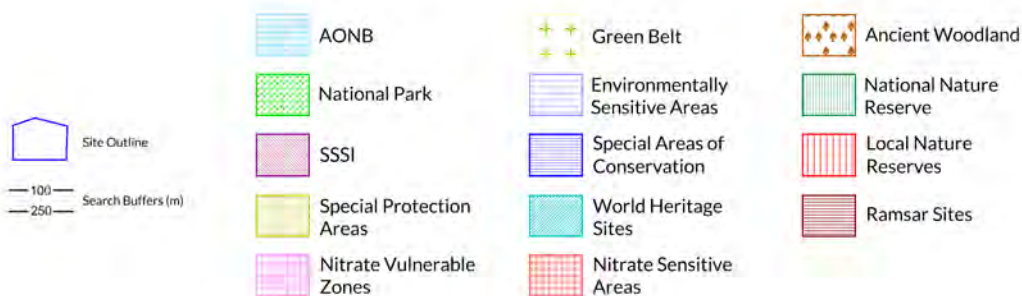
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



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8. Designated Environmentally Sensitive Sites

Designated Environmentally Sensitive Sites within 2000m of the study site	Identified
---	------------

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

0

Database searched and no data found.

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

0

Database searched and no data found.

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

0

Database searched and no data found.

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

0

Database searched and no data found.

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

5

The following Local Nature Reserve (LNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
1	1063	NW	Tower Hamlets Cemetery Park	Natural England
2	1175	W	Ackroyd Drive	Natural England
3	1220	W	Ackroyd Drive	Natural England
4	1259	W	Ackroyd Drive	Natural England
5	1303	W	Ackroyd Drive	Natural England

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

0

Database searched and no data found.

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

1

The following Nitrate Vulnerable Zone records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NVZ Name	Data Source
6	97	NE	Existing	DEFRA

8.14 Records of Green Belt land within 2000m of the study site:

0

Database searched and no data found.

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our **website**. The following information has been found:

9.1.1 Shrink Swell

Maximum Shrink-Swell** hazard rating identified on the study site Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly medium plasticity. Do not plant trees with high soil moisture demands near to buildings. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a possible increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a possible increase in insurance risk, especially during droughts or where vegetation with high moisture demands is present.

9.1.2 Landslides

Maximum Landslide* hazard rating identified on the study site Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

9.1.3 Soluble Rocks

Maximum Soluble Rocks* hazard rating identified on the study site Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

* This indicates an automatically generated 50m buffer and site.

9.1.4 Compressible Ground

Maximum Compressible Ground* hazard rating identified on the study site

High

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Very significant potential for compressibility problems. Avoid large differential loadings of ground. Do not drain or de-water ground near the property without technical advice. For new build consider possibility of compressible ground in ground investigation, construction and building design. Consider effects of groundwater changes. Construction may not be possible at economic cost. For existing property probable increase in insurance risk from compressibility especially if water conditions or loading of the ground change significantly.

9.1.5 Collapsible Rocks

Maximum Collapsible Rocks* hazard rating identified on the study site

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

Maximum Running Sand** hazard rating identified on the study site

Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Possibility of running sand problems after major changes in ground conditions. Normal maintenance to avoid leakage of water-bearing services or water bodies (ponds, swimming pools) should reduce likelihood of problems due to running sand. For new build consider possibility of running sand into trenches or excavations if water table is high or sandy strata are exposed to water. Avoid concentrated water inputs to site. Unlikely to be an increase in construction costs due to potential for running sand. For existing property no significant increase in insurance risk due to running sand problems is likely.

* This indicates an automatically generated 50m buffer and site.

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The site is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? No radon protective measures are necessary.

10. Mining

10.1 Coal Mining

Coal mining areas within 75m of the study site

None identified

Database searched and no data found.

10.2 Non-Coal Mining

Non-Coal Mining areas within 50m of the study site boundary

None identified

Database searched and no data found.

10.3 Brine Affected Areas

Brine affected areas within 75m of the study site

None identified

Guidance: No Guidance Required.

Contact Details

Groundsure Helpline
Telephone: 08444 159 000
info@groundsure.com

British Geological Survey Enquiries
Kingsley Dunham Centre
Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email:
Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk

Environment Agency
National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 03708 506 506
Web: www.environment-agency.gov.uk
Email: enquiries@environment-agency.gov.uk

Public Health England
Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe
Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000

The Coal Authority
200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey
Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505

Local Authority
Authority: London Borough of Tower Hamlets
Phone: 020 7364 5000
Web: <http://www.towerhamlets.gov.uk/>
Address: Town Hall, Mulberry Place, London, E14 2BG

Gemapping PLC
Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, Natural England/Natural Resources Wales who retain the Copyright and Intellectual Property Rights for the data.

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<https://www.groundsure.com/terms-and-conditions-feb11-2019>

AGB Environmental Ltd

A G B ENVIRONMENTAL LTD, 341, EXNING
ROAD,
NEWMARKET, CB8 0AT

Groundsure
Reference:

GS-6041226

Your Reference: P3331_-_PO6656

Report Date 20 May 2019

Report Delivery Method: Email - pdf

Geo Insight


Address: LEASIDE BUSINESS CENTRE, 43-44 GILLENDER STREET, LONDON, E14 6RN

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Geo Insight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
Groundsure Geo Insight

Address: LEASIDE BUSINESS CENTRE, 43-44 GILLENDER STREET, LONDON, E14 6RN

Date: 20 May 2019

Reference: GS-6041226

Client: AGB Environmental Ltd

NW N NE



SW S SE

Aerial Photograph Capture date: 07-Jun-2015
Grid Reference: 538195,181889
Site Size: 0.3289ha

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Overview of Findings

The Groundsure Geo Insight provides high quality geo-environmental information that allows geo-environmental professionals and their clients to make informed decisions and be forewarned of potential ground instability problems that may affect the ground investigation, foundation design and possibly remediation options that could lead to possible additional costs.

The report is based on the BGS 1:50,000 and 1:10,000 Digital Geological Map of Great Britain, BGS Geosure data; BRITPITS database; Non-coal mining data and Borehole Records, Coal Authority data including brine extraction areas, PBA non-coal mining and natural cavities database, Johnson Poole and Bloomer mining data and Groundsure's unique database including historical surface ground and underground workings.

For further details on each dataset, please refer to each individual section in the report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Geology 1:10,000 Scale

1.1 Artificial Ground	1.1 Is there any Artificial Ground/ Made Ground present beneath the study site at 1:10,000 scale?	No
1.2 Superficial Geology and Landslips	1.2.1 Is there any Superficial Ground/Drift Geology present beneath the study site at 1:10,000 scale?*	Yes
	1.2.2 Are there any records of landslide within 500m of the study site boundary at 1:10,000 scale?	No
1.3 Bedrock, Solid Geology and linear features	1.3.1 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.	
	1.3.2 Are there any records of linear features within 500m of the study site boundary at 1:10,000 scale?	No

Section 2: Geology 1:50,000 Scale

2.1 Artificial Ground	2.1.1 Is there any Artificial Ground/ Made Ground present beneath the study site?	No
	2.1.2 Are there any records relating to permeability of artificial ground within the study site*boundary?	No
2.2 Superficial Geology and Landslips	2.2.1 Is there any Superficial Ground/Drift Geology present beneath the study site?*	Yes
	2.2.2 Are there any records of permeability of superficial ground within 500m of the study site?	Yes
	2.2.3 Are there any records of landslide within 500m of the study site boundary?	No
	2.2.4 Are there any records relating to permeability of landslips within the study site* boundary?	No

Section 2: Geology 1:50,000 Scale

2.3 Bedrock, Solid Geology and linear features

2.3.1 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.

2.3.2 Are there any records relating to permeability of bedrock ground within the study site boundary?

Yes

2.3.3 Are there any records of linear features within 500m of the study site boundary?

No

Section 3: Radon

3. Radon

3.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?

The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

3.2 Radon Protection

No radon protective measures are necessary.

Section 4: Ground Workings

	On-site	0-50m	51-250	251-500	501-1000
4.1 Historical Surface Ground Working Features from Small Scale Mapping	0	7	21	Not Searched	Not Searched
4.2 Historical Underground Workings from Small Scale Mapping	0	0	0	0	1
4.3 Current Ground Workings	0	0	0	0	0

Section 5: Mining, Extraction & Natural Cavities

	On-site	0-50m	51-250	251-500	501-1000
5.1 Historical Mining	0	0	0	0	0
5.2 Coal Mining	0	0	0	0	0
5.3 Johnson Poole and Bloomer Mining Area	1	0	3	0	4
5.4 Non-Coal Mining*	0	0	0	0	0
5.5 Non-Coal Mining Cavities	0	0	0	0	0
5.5 Natural Cavities	0	0	0	0	0

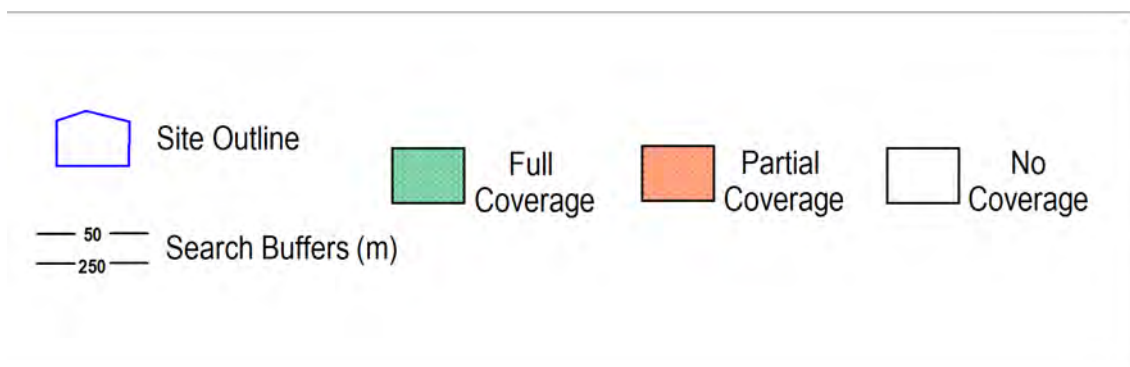
Section 5: Mining, Extraction & Natural Cavities	On-site	0-50m	51-250	251-500	501-1000
5.6 Brine Extraction	0	0	0	0	0
5.7 Gypsum Extraction	0	0	0	0	0
5.8 Tin Mining	0	0	0	0	0
5.9 Clay Mining	0	0	0	0	0
Section 6: Natural Ground Subsidence	On-site				
6.1 Shrink-Swell Clay	Low				
6.2 Landslides	Very Low				
6.3 Ground Dissolution of Soluble Rocks	Negligible				
6.4 Compressible Deposits	High				
6.5 Collapsible Deposits	Very Low				
6.5 Running Sand	Low				
Section 7: Borehole Records	On-site	0-50m	51-250		
7 BGS Recorded Boreholes	0	4	38		
Section 8: Estimated Background Soil Chemistry	On-site	0-50m	51-250		
8 Records of Background Soil Chemistry	2	0	0		
Section 9: Railways and Tunnels	On-site	0-50m	51-250	250-500	
9.1 Tunnels	0	0	0	Not Searched	
9.2 Historical Railway and Tunnel Features	0	5	39	Not Searched	
9.3 Historical Railways	0	0	0	Not Searched	
9.4 Active Railways	0	0	0	Not Searched	
9.5 Railway Projects	0	0	0	0	

1:10,000 Scale Availability



1_10,000 Availability Legend

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Availability of 1:10,000 Scale Geology Mapping

The following information represents the availability of the key components of the 1:10,000 scale geological data.

ID	Distance	Artificial Coverage	Superficial Coverage	Bedrock Coverage	Mass Movement Coverage
1	0.0	Some deposits are mapped	Full	Full	No coverage
N2	1776.0	Some deposits are mapped	Full	Full	No coverage
N3	1854.0	Some deposits are mapped	Full	Full	No coverage

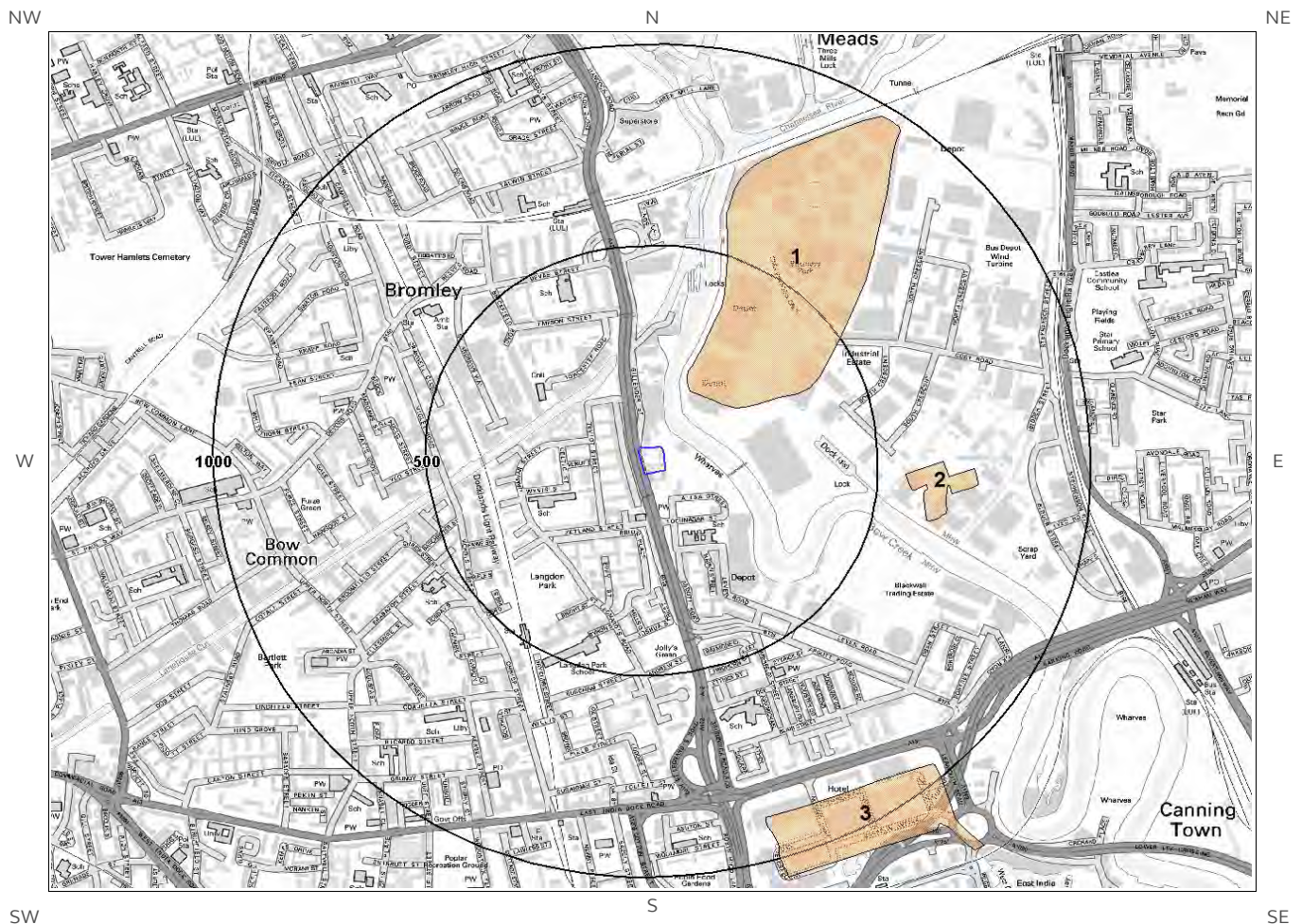
Guidance: The 1:10,000 scale geological interpretation is the most detailed generally available from BGS and is the scale at which most geological surveying is carried out in the field. The database is presented as four types of geology (artificial, mass movement, superficial and bedrock), although not all themes are mapped or available on every map sheet. Therefore a coverage layer showing the availability of the four themes is presented above.

The definitions of coverage are as follows:

Geology	Full Coverage	Partial Coverage	No Coverage
Bedrock	The whole tile has been mapped	Some but not all the tile has been mapped	No coverage
Superficial	The whole tile has been mapped	Some but not all of the tile has been mapped	No coverage
Artificial	Some deposits are mapped on this tile	-	No deposits are mapped
Mass Movement	Some deposits are mapped on this tile	-	No coverage

1 Geology (1:10,000 scale).

1.1 Artificial Ground map (1:10,000 scale)



Artificial Ground Legend

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1. Geology 1:10,000 scale

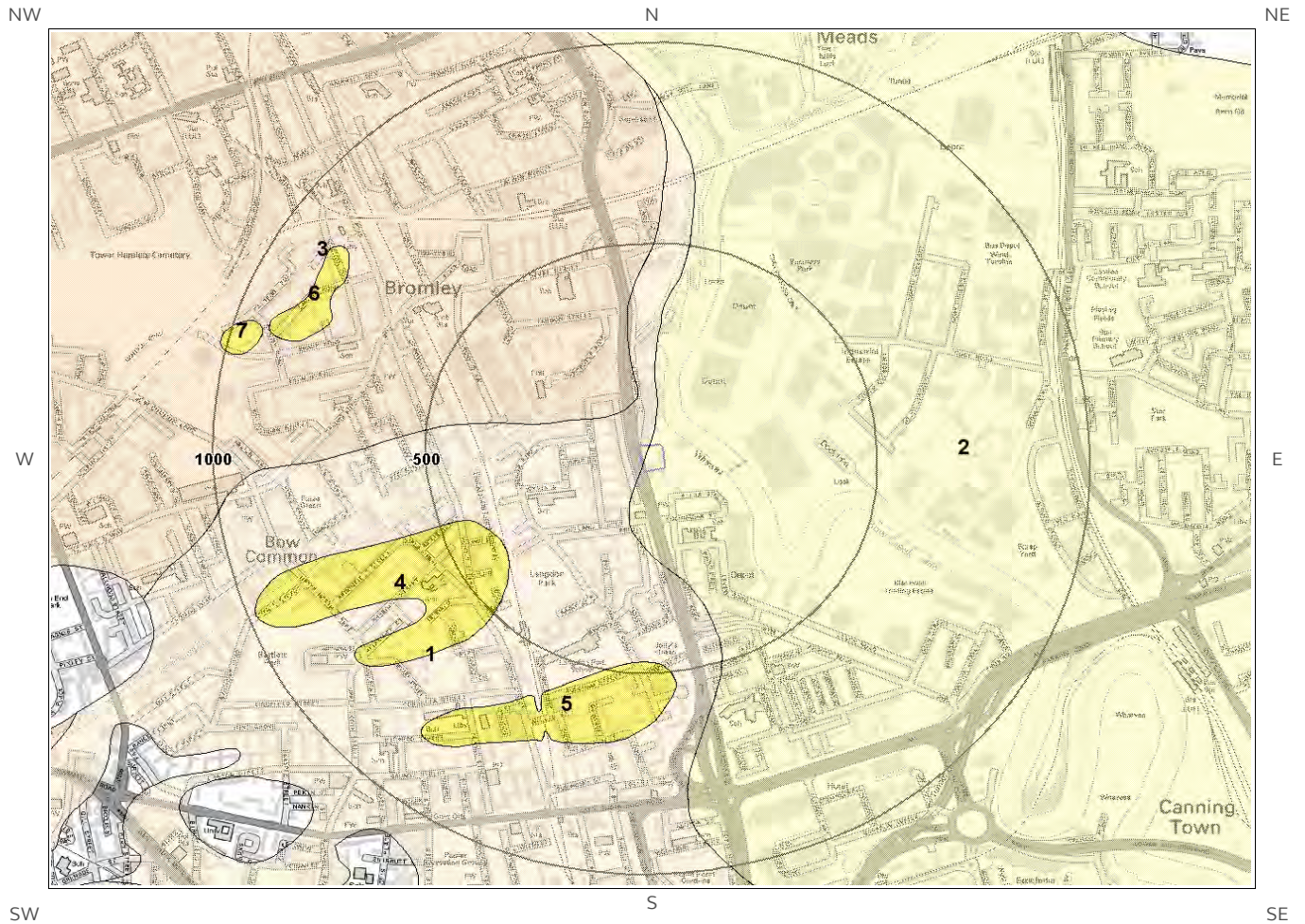
1.1 Artificial Ground

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping.

Are there any records of Artificial/ Made Ground within 500m of the study site boundary at 1:10,000 scale? Yes

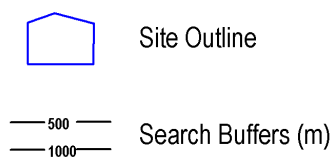
ID	Distance	Direction	LEX Code	Description	Rock Description
1	156.0	NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

1.2 Superficial Deposits and Landslips map (1:10,000 scale)



Artificial Ground Legend

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1.2 Superficial Deposits and Landslips

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping

1.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary at 1:10,000 scale? Yes

ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	KPGR-XSV	Kempton Park Gravel Formation - Sand And Gravel	Sand And Gravel
2	0.0	On Site	ALV-C	Alluvium - Clay (unlithified Deposits Coding Scheme)	Clay
3	96.0	NW	TPGR-XSV	Taplow Gravel Formation - Sand And Gravel	Sand And Gravel
4	378.0	SW	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt
5	471.0	S	LASI-Z	Langley Silt Member - Silt (unlithified Deposits Coding Scheme)	Silt

1.2.2 Landslip

Are there any records of Landslip within 500m of the study site boundary at 1:10,000 scale?

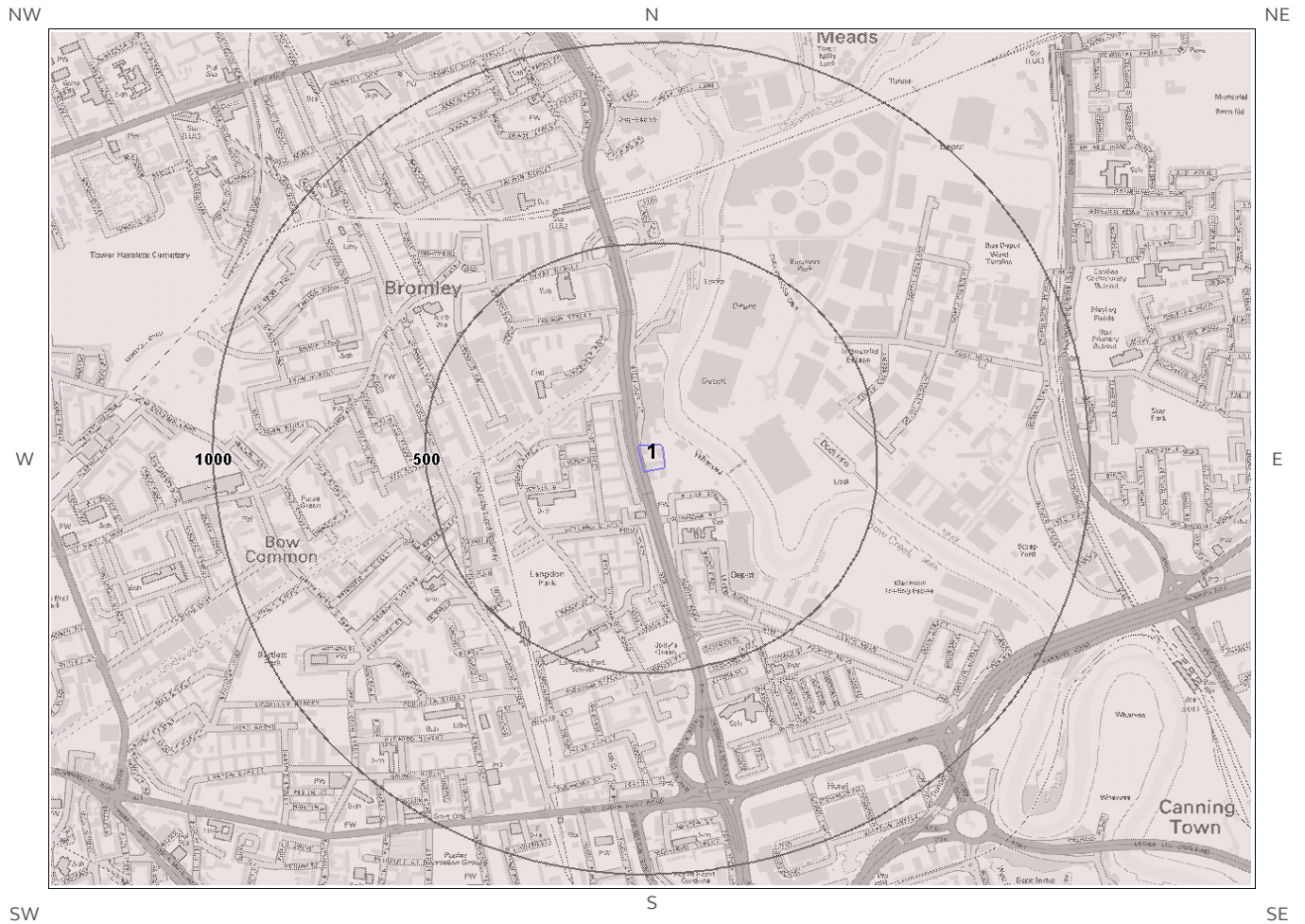
No

Database searched and no data found.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:10,000 scale

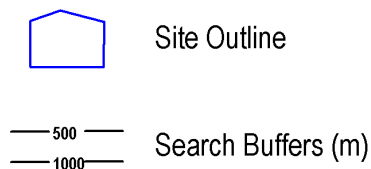
This Geology shows the main components as discrete layers, these are: Artificial / Made Ground, Superficial / Drift Geology and Landslips. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.

1.3 Bedrock and linear features map (1:10,000 scale)



Bedrock and linear features Legend

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1.3 Bedrock and linear features

The following geological information represented on the mapping is derived from 1:10,000 scale BGS Geological mapping.

1.3.1 Bedrock/ Solid Geology

Records of Bedrock/Solid Geology within 500m of the study site boundary at 1:10,000 scale.

ID	Distance (m)	Direction	LEX Code	Description	Rock Age
1	0.0	On Site	LC-CLAY	London Clay Formation - Clay	Eocene Epoch

1.3.2 Linear features

Are there any records of linear features within 500m of the study site boundary at 1:10,000 scale? No

Database searched and no data found at this scale.

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of great Britain at 1:10,000 scale.

This Geology shows the main components as discrete layers, these are: Bedrock/ Solid Geology and linear features such as faults. These are all displayed with the BGS Lexicon code for the rock unit and BGS sheet number. Not all of the main geological components have nationwide coverage.
