

241BC	335	N	Goods Sheds	1927
242BE	335	S	Dock Basin	1928
243BE	335	S	Dock Basin	1928
244BF	338	E	Unspecified Foundry	1906
245BG	340	E	Unspecified Foundry	1909
246BG	340	E	Unspecified Commercial/Industrial	1938
247	341	N	Railway Sidings	1890
248EX	342	N	Dock	1890
249BC	342	N	Goods Sheds	1938
250AN	343	N	Goods Yard	1927
251BH	344	N	Railway Sidings	1907
252BH	344	N	Railway Sidings	1928
253BI	344	N	Railway Sidings	1938
254AZ	346	N	Goods Station	1909
255BJ	349	S	Docks	1982
256BJ	349	S	Docks	1973
257	351	E	Unspecified Works	1967
258AO	352	NE	Unspecified Works	1967
259BK	352	S	Dock	1927
260BK	352	S	Dock	1927
261BL	352	N	Engine House	1938
262BL	352	N	Engine House	1907
263BL	352	N	Engine House	1928
264BM	355	S	Unspecified Tanks	1982
265BM	355	S	Unspecified Tanks	1990
266AS	355	S	Unspecified Tanks	1990
267AS	355	S	Unspecified Tanks	1982
268BN	355	NE	Unspecified Commercial/Industrial	1938
269BN	355	NE	Unspecified Commercial/Industrial	1909
270EZ	355	S	Docks	1990
271E	355	S	Unspecified Tanks	1990
272E	355	S	Unspecified Tanks	1982
273BO	356	S	Railway Sidings	1990
274	359	N	Railway Sidings	1990
275BL	363	N	Engine House	1927
276BL	365	N	Engine House	1909
277BL	365	N	Engine House	1938
278AY	365	S	Railway Sidings	1990
279DJ	369	N	Cement Works	1851
280BS	370	SE	Iron Works	1851
281AY	374	S	Railway Sidings	1982
282AY	374	S	Railway Sidings	1973
283AY	374	S	Railway Sidings	1967
284BO	375	S	Graving Docks	1928

285BO	375	S	Graving Docks	1928
286	378	N	Foundry	1851
287BP	380	N	Unspecified Warehouse	1990
288BU	381	S	Railway Station	1928
289BQ	383	NE	Unspecified Commercial/Industrial	1938
290BQ	383	NE	Unspecified Commercial/Industrial	1909
291BR	383	NE	Goods Shed	1938
292BR	383	NE	Railway Building	1907
293BR	383	NE	Railway Building	1928
294BT	383	SE	Wool Warehouse	1909
295AZ	384	N	Unspecified Depot	1990
296BS	386	SE	Wool Warehouse	1938
297BT	386	SE	Wool Warehouse	1906
298BS	387	SE	Wool Warehouse	1938
299BS	387	SE	Wool Warehouse	1927
300BS	388	SE	Unspecified Warehouse	1982
301BS	388	SE	Unspecified Warehouse	1967
302BS	388	SE	Unspecified Warehouses	1973
303BX	390	S	Graving Docks	1909
304	391	E	Unspecified Commercial/Industrial	1928
305BU	396	S	Railway Building	1890
306BV	396	S	Railway Station	1938
307BV	396	S	Railway Station	1909
308BV	400	S	Railway Station	1927
309DL	400	N	Unspecified Tanks	1990
310BV	401	S	Railway Station	1938
311BW	402	SE	Manure Works	1906
312BW	402	SE	Manure Works	1938
313BV	404	S	Railway Station	1906
314BX	404	S	Graving Docks	1851
315	406	E	Railway Sidings	1967
316	408	N	Railway Sidings	1851
317	408	SE	Manure Works	1928
318BY	409	E	Cotton Quay	1938
319BY	409	E	Cotton Quay	1907
320BY	409	E	Cotton Quay	1928
321BZ	409	E	Unspecified Commercial/Industrial	1928
322BZ	409	E	Unspecified Commercial/Industrial	1938
323BZ	409	E	Unspecified Commercial/Industrial	1907
324BZ	409	E	Unspecified Commercial/Industrial	1938
325CA	409	S	Graving Docks	1928

326CA	409	S	Graving Docks	1928
327CC	411	S	Railway Sidings	1909
328CG	414	NE	Unspecified Depot	1990
329BY	415	E	Cotton Quay	1927
330BY	415	E	Cotton Quay	1927
331BY	415	E	Cotton Quay	1938
332BY	415	E	Cotton Quay	1909
333CB	415	E	Unspecified Commercial/Industrial	1909
334CB	415	E	Unspecified Commercial/Industrial	1938
335CC	418	S	Railway Sidings	1906
336CE	419	N	Railway Sidings	1890
337CF	428	S	Railway Sidings	1928
338CD	428	S	Docks	1928
339CD	428	S	Docks	1928
340BF	429	E	Railway Sidings	1938
341CE	430	N	Railway Station	1907
342CE	430	N	Railway Station	1928
343CE	430	N	Railway Station	1938
344CF	436	S	Graving Docks	1851
345CS	436	SE	Exchange Station	1906
346CI	439	NE	Unspecified Depot	1973
347CG	439	NE	Unspecified Depot	1982
348CH	439	S	Unspecified Commercial/Industrial	1909
349CH	439	S	Railway Sidings	1909
350CE	440	N	Railway Station	1927
351CN	440	S	Unspecified Commercial/Industrial	1967
352CG	441	NE	Unspecified Commercial/Industrial	1909
353CG	441	NE	Unspecified Commercial/Industrial	1938
354CI	442	NE	Unspecified Depot	1990
355CJ	443	N	Railway Station	1909
356CJ	443	N	Railway Station	1938
357CK	444	E	Unspecified Commercial/Industrial	1906
358CK	445	E	Unspecified Commercial/Industrial	1990
359CK	445	E	Unspecified Commercial/Industrial	1982
360CL	446	S	Unspecified Commercial/Industrial	1938
361CB	446	E	Unspecified Commercial/Industrial	1967
362CK	448	E	Unspecified Commercial/Industrial	1909

363CK	448	E	Unspecified Commercial/Industrial	1938
364ED	449	S	Railway Sidings	1906
365CK	450	E	Unspecified Works	1967
366CK	450	E	Unspecified Commercial/Industrial	1973
367FB	453	S	Dock	1851
368CL	455	S	Railway Sidings	1890
369CI	455	NE	Goods Yard	1928
370CI	455	NE	Goods Yard	1907
371CI	455	NE	Goods Yard	1938
372FC	456	S	Dock	1851
373BW	459	SE	Sulphur Works	1890
374	461	S	Railway Sidings	1906
375BW	462	SE	Manure Works	1938
376BW	462	SE	Manure Works	1909
377CP	463	NE	Railway Building	1890
378CM	464	SE	Manure Works	1927
379CM	465	SE	Unspecified Depot	1990
380CI	465	NE	Goods Yard	1967
381CN	465	S	Power Station	1973
382	466	SE	Unspecified Works	1967
383CO	467	N	Goods Sheds	1938
384CO	467	N	Railway Building	1928
385CO	467	N	Railway Building	1907
386CO	467	N	Railway Building	1890
387CP	467	NE	Railway Building	1907
388CP	467	NE	Goods Sheds	1938
389CP	467	NE	Goods Sheds	1928
390CI	468	NE	Unspecified Depot	1982
391CI	468	NE	Goods Yard	1927
392CN	468	S	Abattoir	1938
393CI	468	NE	Goods Yard	1938
394CI	468	NE	Railway Sidings	1909
395CI	468	NE	Goods Yard	1909
396CI	468	NE	Railway Sidings	1938
397	469	E	Unspecified Depot	1990
398CN	469	S	Disused Power Station	1990
399CN	469	S	Disused Power Station	1982
400CQ	473	E	Railway Sidings	1938
401CQ	473	E	Railway Sidings	1907
402CQ	473	E	Railway Sidings	1890
403CQ	473	E	Railway Sidings	1928
404CO	477	N	Goods Sheds	1938
405CQ	480	E	Railway Sidings	1909
406CQ	480	E	Railway Sidings	1938



407	482	S	Basin	1851
408CP	482	NE	Goods Sheds	1938
409	484	E	Railway Sidings	1927
410CR	484	S	Unspecified Warehouses	1909
411CR	484	S	Unspecified Commercial/Industrial	1938
412CS	486	SE	Exchange Station	1890
413BZ	488	E	Unspecified Depot	1982
414CR	492	S	Unspecified Warehouse	1906
415CT	492	SE	Unspecified Depot	1967
416CT	492	SE	Unspecified Depot	1990
417CT	492	SE	Unspecified Depot	1982
418CT	492	SE	Unspecified Depot	1973
419CR	492	S	Unspecified Warehouses	1967
420CR	492	S	Unspecified Warehouses	1982
421CR	492	S	Unspecified Warehouses	1990
422CR	492	S	Unspecified Warehouses	1973
423	498	E	Railway Building	1927
424CU	499	S	Unspecified Tank	1990
425CU	499	S	Unspecified Tank	1982
426CU	499	S	Unspecified Tank	1973
427CU	500	S	Unspecified Tank	1967
428CV	500	N	Goods Sheds	1938
429CV	500	N	Railway Building	1907
430CV	500	N	Railway Building	1928

## 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:

83

ID	Distance (m)	Direction	Use	Date
431CW	0	On Site	Tanks	1968
432CX	0	On Site	Tanks	1968
433CX	0	On Site	Tanks	1981
434CX	0	On Site	Tanks	1981
435CW	0	On Site	Tanks	1981
436CW	0	On Site	Tanks	1981
437CW	0	On Site	Tanks	1989
438CW	0	On Site	Tanks	1981
439CX	0	On Site	Tanks	1989
440CX	0	On Site	Tanks	1981

441N	44	S	Unspecified Tank	1927
442R	61	E	Tanks	1981
443R	62	E	Tanks	1967
444R	62	E	Tanks	1968
445DR	74	E	Tanks	1981
446CY	159	S	Unspecified Tank	1967
447CY	159	S	Unspecified Tank	1968
448CZ	165	N	Unspecified Tank	1995
449DA	181	S	Unspecified Tank	1968
450DA	182	S	Unspecified Tank	1967
451DB	187	S	Unspecified Tank	1967
452DB	187	S	Unspecified Tank	1968
453AL	209	N	Tanks	1993
454AL	209	N	Tanks	1991
455AL	209	N	Tanks	1991
456DC	210	N	Unspecified Tank	1993
457DC	210	N	Unspecified Tank	1991
458DC	210	N	Unspecified Tank	1991
459AL	210	N	Tanks	1989
460AL	210	N	Tanks	1995
461AL	233	N	Tanks	1991
462AL	233	N	Tanks	1991
463DD	233	N	Unspecified Tank	1991
464DD	233	N	Unspecified Tank	1991
465DD	233	N	Unspecified Tank	1993
466DE	248	SE	Unspecified Tank	1981
467DE	250	SE	Unspecified Tank	1967
468DE	250	SE	Unspecified Tank	1968
469DE	250	SE	Unspecified Tank	1993
470DE	250	SE	Unspecified Tank	1993
471	260	S	Unspecified Tank	1953
472DF	261	S	Unspecified Tank	1908
473DF	261	S	Unspecified Tank	1927
474DG	297	S	Unspecified Tank	1908
475DG	297	S	Unspecified Tank	1927
476AR	310	E	Unspecified Tank	1908
477AR	311	E	Unspecified Tank	1927
478	315	N	Unspecified Tank	1893
479	320	S	Unspecified Tank	1893
480DH	323	N	Tanks	1993
481DH	323	N	Tanks	1991
482DH	323	N	Tanks	1991
483DI	333	N	Unspecified Tank	1995
484DI	333	N	Unspecified Tank	1989
485DH	347	N	Tanks	1993
486DH	348	N	Tanks	1991

487DH	348	N	Tanks	1991
488E	359	S	Tanks	1993
489AX	363	NE	Tanks	1981
490AX	363	NE	Tanks	1981
491AX	363	NE	Tanks	1981
492AX	363	NE	Tanks	1989
493AX	363	NE	Tanks	1968
494AX	363	NE	Tanks	1968
495AX	364	NE	Tanks	1967
496DJ	380	N	Tanks	1893
497DK	386	SE	Unspecified Tank	1981
498DK	387	SE	Unspecified Tank	1968
499DK	387	SE	Unspecified Tank	1967
500DK	388	SE	Unspecified Tank	1993
501DK	388	SE	Unspecified Tank	1993
502DL	397	N	Tanks	1989
503DL	398	N	Tanks	1996
504DL	408	N	Tanks	1996
505DM	416	NE	Tanks	1996
506DL	423	N	Unspecified Tank	1996
507DM	429	N	Unspecified Tank	1996
508BW	464	SE	Unspecified Tank	1952
509BW	465	SE	Unspecified Tank	1953
510BW	476	SE	Unspecified Tank	1952
511BW	476	SE	Unspecified Tank	1953
512DN	494	SE	Tanks	1967
513DN	495	SE	Unspecified Tank	1967

### 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:

77

ID	Distance (m)	Direction	Use	Date
514DP	0	On Site	Electricity Substation	1967
515DO	0	On Site	Electricity Substation	1968
516DO	0	On Site	Electricity Substation	1998
517DO	0	On Site	Electricity Substation	1993
518DO	0	On Site	Electricity Substation	1967
519DO	0	On Site	Electricity Substation	1981
520DP	0	On Site	Electricity Substation	1968
521DO	0	On Site	Electricity Substation	1993

522DQ	28	NE	Electricity Substation	1995
523DQ	46	E	Electricity Substation	1981
524DQ	46	E	Electricity Substation	1981
525DQ	46	E	Electricity Substation	1981
526DQ	46	E	Electricity Substation	1989
527DQ	46	E	Electricity Substation	1968
528DR	53	E	Electricity Substation	1954
529R	53	E	Electricity Substation	1953
530S	126	E	Electricity Substation	1989
531S	126	E	Electricity Substation	1981
532S	126	E	Electricity Substation	1981
533S	127	E	Electricity Substation	1995
534S	131	E	Electricity Substation	1968
535S	131	E	Electricity Substation	1981
536S	132	E	Electricity Substation	1993
537S	132	E	Electricity Substation	1998
538S	132	E	Electricity Substation	1993
539DS	213	SE	Electricity Substation	1981
540DS	215	SE	Electricity Substation	1998
541DS	215	SE	Electricity Substation	1993
542DS	215	SE	Electricity Substation	1993
543DT	218	N	Electricity Substation	1989
544DT	219	N	Electricity Substation	1995
545	240	E	Electricity Substation	1998
546DU	253	SE	Electricity Substation	1981
547DU	254	SE	Electricity Substation	1967
548DU	254	SE	Electricity Substation	1968
549DU	254	SE	Electricity Substation	1993
550DU	254	SE	Electricity Substation	1998
551DU	254	SE	Electricity Substation	1993
552DV	318	E	Electricity Substation	1981
553DV	319	E	Electricity Substation	1998
554DV	319	E	Electricity Substation	1993
555DV	319	E	Electricity Substation	1993
556DW	319	S	Electricity Substation	1981
557DW	319	S	Electricity Substation	1967
558DW	319	S	Electricity Substation	1968
559DW	320	S	Electricity Substation	1998
560DW	320	S	Electricity Substation	1993
561DW	320	S	Electricity Substation	1993
562DX	356	E	Electricity Substation	1953
563DX	357	E	Electricity Substation	1952
564DY	361	SE	Electricity Substation	1981
565DY	362	SE	Electricity Substation	1968
566DY	362	SE	Electricity Substation	1967
567DY	363	SE	Electricity Substation	1998

568DY	363	SE	Electricity Substation	1993
569DY	363	SE	Electricity Substation	1993
570DZ	376	S	Electricity Substation	1967
571DZ	377	S	Electricity Substation	1968
572EA	391	E	Electricity Substation	1988
573EA	391	E	Electricity Substation	1977
574EA	392	E	Electricity Substation	1996
575EA	392	E	Electricity Substation	1994
576BQ	426	NE	Electricity Substation	1995
577BQ	426	NE	Electricity Substation	1989
578EB	442	SE	Electricity Substation	1968
579EB	442	SE	Electricity Substation	1953
580BW	442	SE	Electricity Substation	1989
581BW	442	SE	Electricity Substation	1984
582EC	467	S	Power Station	1967
583EC	468	S	Disused Power Station	1984
584EC	468	S	Disused Power Station	1984
585ED	469	S	Gas Governor	1984
586ED	469	S	Gas Governor	1984
587ED	470	S	Gas Governor	1996
588ED	470	S	Gas Governor	1996
589	479	S	Gas Governor	1967
590	484	S	Disused Power Station	1993

## 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: 0

Database searched and no data found.

## 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
591EE	19	E	Garage	1953
592EE	19	E	Garage	1954

593	76	E	Ship Repairing Engineering Works	1954
594V	76	E	Ship Repairing Engineering Works	1953
595EF	251	NE	Ship Repairing Engineering Works	1953
596EF	273	NE	Ship Repair Works	1981
597EF	273	NE	Ship Repair Works	1981
598EF	273	NE	Ship Repair Works	1981
599EF	273	NE	Ship Repair Works	1968
600EF	273	NE	Ship Repair Works	1968
601EF	273	NE	Ship Repair Works	1967
602EF	273	NE	Ship Repairing Engineering Works	1954
603EG	295	SE	Engineering and Ship Repair Works	1968
604EG	295	SE	Ship Repairs Engineering Works	1953
605EG	295	SE	Engineering and Ship Repair Works	1967
606EG	299	SE	Ship Repairs Engineering Works	1954
607AU	361	NE	Motor and Engineering Works	1953
608AU	361	NE	Motor and Engineering Works	1952
609BN	377	NE	Motor and Engineering Works	1952
610BN	377	NE	Motor and Engineering Works	1953
611EH	460	NE	Garage	1953
612EH	463	NE	Garage	1952

## 1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 82

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

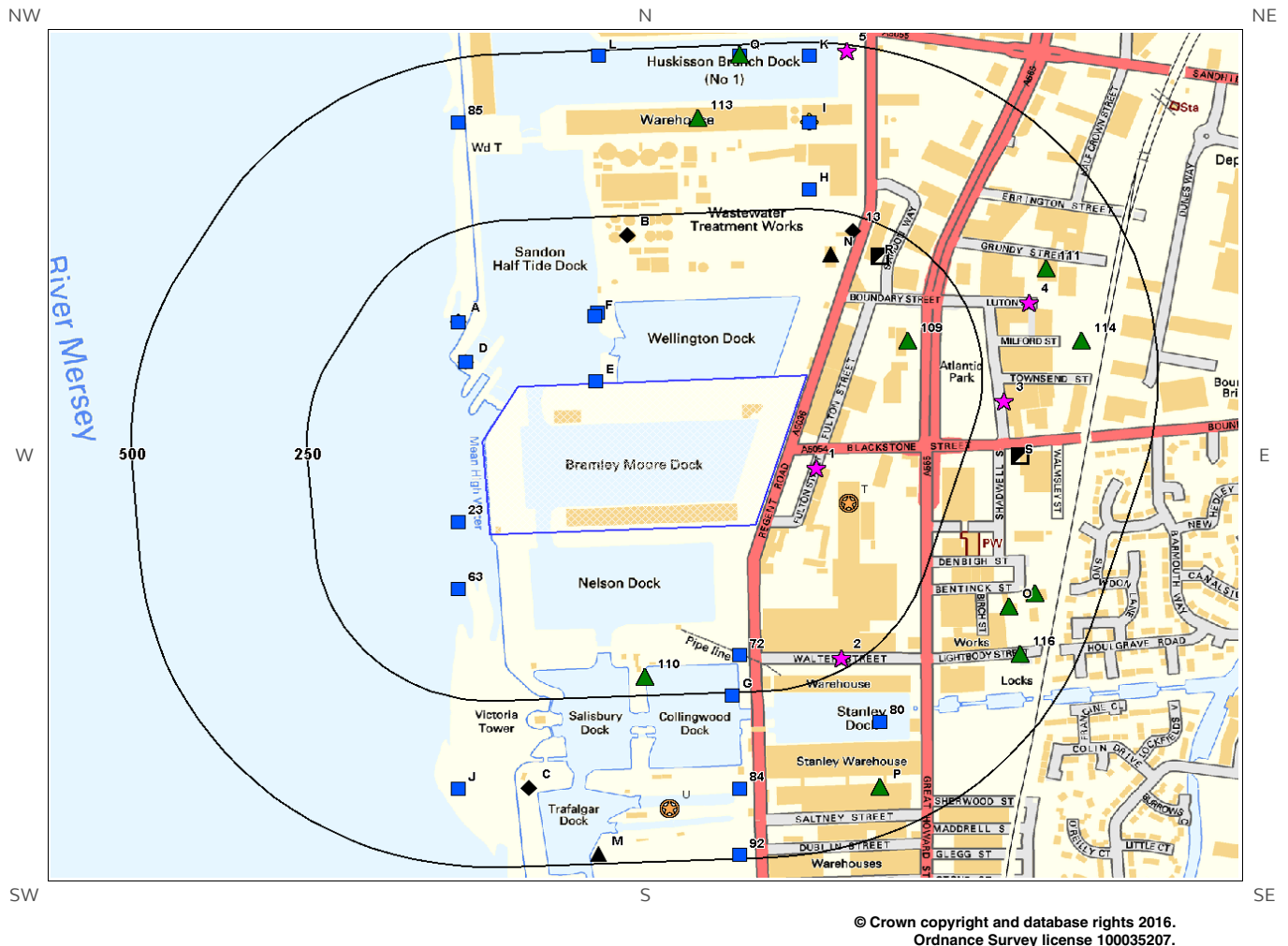
ID	Distance(m)	Direction	Use	Date
613EI	0	On Site	Dock	1890
614EJ	0	On Site	Dock	1890
615I	0	On Site	Docks	1907
616B	0	On Site	Dock	1990
617B	0	On Site	Docks	1973
618B	0	On Site	Docks	1982
619H	0	On Site	Dock	1927
620H	0	On Site	Dock	1927
621E	0	On Site	Docks	1938
622E	0	On Site	Docks	1909














623EK	0	On Site	Dock	1851
624EL	0	On Site	Dock	1851
625EM	0	On Site	Dock	1890
626G	0	On Site	Dock	1927
627G	0	On Site	Dock	1927
628I	0	On Site	Docks	1938
629I	0	On Site	Docks	1928
630H	0	On Site	Docks	1967
631O	50	S	Dock	1928
632O	50	S	Dock	1928
633CZ	59	N	Dock	1851
634T	67	S	Docks	1906
635EN	70	S	Docks	1938
636EO	72	N	Sewage Works	1990
637T	76	S	Docks	1890
638EP	109	N	Dock	1890
639AH	180	S	Dock	1928
640AH	180	S	Dock	1928
641AJ	202	S	Dock	1927
642AJ	202	S	Dock	1927
643AK	205	S	Dock	1973
644AK	205	S	Dock	1990
645AK	205	S	Dock	1982
646AK	210	S	Dock	1851
647BI	240	N	Docks	1851
648EQ	287	N	Dock	1851
649AS	288	S	Docks	1928
650AS	288	S	Docks	1928
651ER	291	S	Dock	1851
652BB	310	N	Graving Docks	1890
653ES	311	S	Dock	1851
654ET	316	N	Docks	1890
655BA	328	N	Graving Docks	1851
656BA	328	N	Docks	1851
657	328	N	Graving Docks	1851
658EU	329	N	Graving Docks	1851
659BP	330	N	Graving Docks	1851
660EV	330	N	Graving Docks	1851
661BB	332	N	Graving Docks	1851
662BB	332	N	Docks	1851
663BE	335	S	Dock Basin	1928
664BE	335	S	Dock Basin	1928
665EY	341	SE	Canal	1890
666EW	341	SE	Canal	1938
667EW	341	SE	Canal	1909
668EX	342	N	Dock	1890

669EY	343	SE	Canal	1906
670BJ	349	S	Docks	1973
671BJ	349	S	Docks	1982
672BK	352	S	Dock	1927
673BK	352	S	Dock	1927
674EZ	355	S	Docks	1990
675FA	366	SE	Canal	1982
676FA	366	SE	Canal	1990
677BO	375	S	Graving Docks	1928
678BO	375	S	Graving Docks	1928
679BX	390	S	Graving Docks	1909
680BX	404	S	Graving Docks	1851
681BY	409	E	Cotton Quay	1938
682BY	409	E	Cotton Quay	1907
683BY	409	E	Cotton Quay	1928
684CA	409	S	Graving Docks	1928
685CA	409	S	Graving Docks	1928
686BY	415	E	Cotton Quay	1927
687BY	415	E	Cotton Quay	1927
688BY	415	E	Cotton Quay	1909
689BY	415	E	Cotton Quay	1938
690CD	428	S	Docks	1928
691CD	428	S	Docks	1928
692CL	436	S	Graving Docks	1851
693FB	453	S	Dock	1851
694FC	456	S	Dock	1851



## 2. Environmental Permits, Incidents and Registers Map



- |   |   |  |
|---|---|--|
|  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 / NIHHS 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 and Local Authorities reveal the following information:

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

2

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

ID	Distance (m)	Direction	NGR	Details
138 M	487	S	333400 391900	Operator: North Western Ship Repairers and Shipbuilders Ltd Address: Clarence Drydocks, Regent Road, Bootle, L20 4RD Process: Coating Processes And Printing Permit Number: AU7761 Original Permit Number: IPCAPP Date Approved: 26-11-1996 Effective Date: 3-12-1996 Status: Superseded By Variation
139 M	487	S	333400 391900	Operator: North Western Ship Repairers and Shipbuilders Ltd Address: Clarence Drydocks, Regent Road, Bootle, L20 4RD Process: Coating Processes And Printing Permit Number: BD4678 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked

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

14

The following Part A(1) and IPPC Authorised Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
124N	183	N	333730 392800	Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: COMBUSTION; ANY FUEL =>20MW BUT <50MW (UNLESS 1.1 A(1) B) Permit Number: HP3131LX Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 24/10/2007 Last date noted as effective: 2016-07-06 Status: Superseded

ID	Distance (m)	Direction	NGR	Details
125N	183	N	333730 392800	<p>Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: CREATED BY IED - DISPOSAL OF &gt; 50 T/D NON-HAZARDOUS WASTE (&gt; 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT</p> <p>Permit Number: YP3532NF Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 19/6/2013 Last date noted as effective: 2013-07-01 Status: Effective</p>
126N	183	N	333730 392800	<p>Operator: United Utilities Water Limited Installation Name: Liverpool Waste Water Treatment Works Process: DISPOSAL OF &gt; 50 T/D NON-HAZARDOUS WASTE (&gt; 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES</p> <p>Permit Number: GP3531WP Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 13/1/2015 Last date noted as effective: 2016-07-06 Status: Superseded</p>
127N	183	N	333730 392800	<p>Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: COMBUSTION; ANY FUEL =&gt;20MW BUT &lt;50MW (UNLESS 1.1 A(1) B)</p> <p>Permit Number: SP3138HL Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 28/3/2011 Last date noted as effective: 2016-07-06 Status: Superseded</p>
128N	183	N	333730 392800	<p>Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: DISPOSAL OF &gt; 50 T/D NON-HAZARDOUS WASTE (&gt; 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES</p> <p>Permit Number: GP3431NZ Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 5/11/2014 Last date noted as effective: 2016-07-06 Status: Superseded</p>
129N	183	N	333730 392800	<p>Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE &gt;50T/D BY BIOLOGICAL TREATMENT</p> <p>Permit Number: NP3232KE Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 15/10/2009 Last date noted as effective: 2016-07-06 Status: Superseded</p>
130N	183	N	333730 392800	<p>Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE &gt;50T/D BY BIOLOGICAL TREATMENT</p> <p>Permit Number: SP3138HL Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 28/3/2011 Last date noted as effective: 2016-07-06 Status: Superseded</p>
131N	183	N	333730 392800	<p>Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: ASSOCIATED PROCESS</p> <p>Permit Number: YP3532NF Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 19/6/2013 Last date noted as effective: 2016-07-06 Status: Superseded</p>
132N	183	N	333730 392800	<p>Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: DISPOSAL OF &gt; 50 T/D NON-HAZARDOUS WASTE (&gt; 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT</p> <p>Permit Number: YP3532NF Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 19/6/2013 Last date noted as effective: 2016-07-06 Status: Superseded</p>

ID	Distance (m)	Direction	NGR	Details	
133N	183	N	333730 392800	Operator: United Utilities Water Limited Installation Name: Liverpool Waste Water Treatment Works Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES	Permit Number: JP3639AQ Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 20/5/2015 Last date noted as effective: 2016-07-06 Status: Effective
134N	183	N	333730 392800	Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT	Permit Number: HP3131LX Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 24/10/2007 Last date noted as effective: 2016-07-06 Status: Superseded
135N	183	N	333730 392800	Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT	Permit Number: YP3532NF Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 19/6/2013 Last date noted as effective: 2016-07-06 Status: Superseded
136N	183	N	333730 392800	Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: CREATED BY IED - DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT	Permit Number: YP3532NF Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 19/6/2013 Last date noted as effective: 2013-07-01 Status: Effective
137N	183	N	333730 392800	Operator: United Utilities Water Plc Installation Name: Liverpool Waste Water Treatment Works Process: COMBUSTION; ANY FUEL =>20MW BUT <50MW (UNLESS 1.1 A(1) B)	Permit Number: NP3232KE Original Permit Number: HP3131LX EPR Reference: - Issue Date: 19/6/2013 Effective Date: 15/10/2009 Last date noted as effective: 2016-07-06 Status: Superseded

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

3

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

ID	Distance (m)	Direction	NGR	Details	
17D	83	NW	333210 392640	Address: UNITED UTILITIES WATER PLC, LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Permit Number: 016993397 Permit Version: 9 Status: VARIED UNDER EPR 2010	Discharge Type: Sewage Disposal Works - water company Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Catchment: RIVER MERSEY (ETHEROW) Approval Date: 01-Jul-2012

ID	Distance (m)	Direction	NGR	Details
18D	83	NW	333210 392640	Address: UNITED UTILITIES WATER PLC, LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Permit Number: 016993397 Permit Version: 3 Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Discharge Type: Sewage Disposal Works - water company Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Catchment: Approval Date: 01-Oct-2002
19D	83	NW	333210 392640	Address: UNITED UTILITIES WATER PLC, LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Permit Number: 016993397 Permit Version: 7 Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Discharge Type: Sewage Disposal Works - water company Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Catchment: RIVER MERSEY (ETHEROW) Approval Date: 09-Feb-2010

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

10

The following List 1 Dangerous Substance Inventory Site records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
6D	83	NW	333210 392640	Name: All Metal Plating Status: Active Receiving Water: Mersey Estuary Authorised Substances: Cadmium
7A	128	NW	333200 392700	Name: N & C Platers Ltd Status: Active Receiving Water: - Authorised Substances: -
8A	128	NW	333200 392700	Name: N & C Platers Ltd Status: Not Active Receiving Water: Mersey Estuary Authorised Substances: Cadmium
9A	128	NW	333200 392700	Name: N & C Platers Ltd Status: Active Receiving Water: - Authorised Substances: -
10B	220	N	333440 392830	Name: Mersey Electroplaters Status: Active Receiving Water: - Authorised Substances: -
11B	220	N	333440 392830	Name: Mersey Electroplaters Status: Active Receiving Water: - Authorised Substances: -
12B	220	N	333440 392830	Name: Mersey Electroplaters Status: Active Receiving Water: Mersey Estuary Authorised Substances: Cadmium
13	227	N	333761 392837	Name: Powergen Chp Limited, Liverpool Status: Active Receiving Water: Mersey Estuary Authorised Substances: Mercury (other), Cadmium
14C	384	S	333300 392000	Name: Allmetal Electroplating Status: Active Receiving Water: - Authorised Substances: -
15C	384	S	333300 392000	Name: Allmetal Electroplating Status: Active Receiving Water: - Authorised Substances: -

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

1

The following List 2 Dangerous Substance Inventory Site records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
16I	380	N	333700 393000	Name: Sandon Dock Wwtw, Liverpool (north West Water Ltd) Status: Not Active Receiving Water: Mersey Estuary Authorised Substances: Chromium, Copper, Lead, Nickel, Zinc

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

11

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
109	151	E	333839 392670	Address: Elf Service Station (Great Howard St) Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
110	224	S	333466 392166	Address: Hanson Aggregates (Premix) Process: Bulk Cement Batching Status: Revoked Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
111	376	NE	334037 392779	Address: John Carr Ltd Process: Bulk Cement Batching and Lime Slaking Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
112O	381	E	333984 392271	Address: J Doyle & Co Demolition, 19/21 Lighbody Street, L5 9UU Process: 3.5 Other Mineral Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
113	390	N	333541 393004	Address: Cemex UK Materials (Cement Dock Terminal) Process: Bulk Storage of Cement Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
114	393	E	334086 392670	Address: Cemex UK Materials Ltd Process: Bulk Cement Batching Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Distance (m)	Direction	NGR	Details
115O	409	E	334020 392291	Address: J Doyle & Co Demolition, 19/21 Lightbody Street, L5 9UU Process: 1.1 WOB(<0.4MW) Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
116	424	SE	334000 392200	Address: Bunner Galvanising Servs Ltd, Bentinck St, L5 9TR Process: galvanizing process Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
117P	433	SE	333800 392000	Address: AE Reynolds-Esso, Gt Howard St, L3 7AT Process: petrol vapour recovery process Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
118P	433	SE	333800 392000	Address: Miranda Body Shop Gt, Howard St, L3 7AT 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
119Q	483	N	333600 393100	Address: Cemtrade Ltd, Regent Rd, L3 OAT Process: cement/lime/mortar process 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:

73

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

ID	Distance (m)	Direction	NGR	Details
20E	4	N	333395 392612	Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: EP RTP3126GJ Permit Version: 1 Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 07/06/2012 Effective Date: 07-Jun-2012 Revocation Date: 14/09/2012



ID	Distance (m)	Direction	NGR	Details
21E	4	N	333395 392612	<p>Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE</p> <p>Effluent Type: TRADE DISCHARGES - UNSPECIFIED</p> <p>Permit Number: EP RTP3126GJ</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 07/06/2012 Effective Date: 07-Jun-2012 Revocation Date: 14/09/2012</p>
22E	4	N	333395 392612	<p>Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE</p> <p>Effluent Type: TRADE DISCHARGES - UNSPECIFIED</p> <p>Permit Number: EP RTP3126GJ</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 07/06/2012 Effective Date: 07-Jun-2012 Revocation Date: 14/09/2012</p>
23	44	W	333200 392400	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, CANADA, SOUTH, LIVERPOOL, MERSEYSIDE</p> <p>Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER</p> <p>Permit Number: 016990733</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -</p>
24D	83	NW	333210 392640	<p>Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL</p> <p>Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY</p> <p>Permit Number: 016993397</p> <p>Permit Version: 8</p> <p>Receiving Water: Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 09/02/2010 Effective Date: 09-Feb-2010 Revocation Date: 30/06/2012</p>
25D	83	NW	333210 392640	<p>Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL</p> <p>Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY</p> <p>Permit Number: 016993397</p> <p>Permit Version: 4</p> <p>Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 16/03/2005 Effective Date: 16-Mar-2005 Revocation Date: 13/10/2009</p>
26D	83	NW	333210 392640	<p>Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL</p> <p>Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY</p> <p>Permit Number: 016993397</p> <p>Permit Version: 9</p> <p>Receiving Water: Status: VARIED UNDER EPR 2010 Issue date: 26/06/2012 Effective Date: 01-Jul-2012 Revocation Date: -</p>
27D	83	NW	333210 392640	<p>Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL</p> <p>Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY</p> <p>Permit Number: 016993397</p> <p>Permit Version: 8</p> <p>Receiving Water: Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 09/02/2010 Effective Date: 09-Feb-2010 Revocation Date: 30/06/2012</p>
28D	83	NW	333210 392640	<p>Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL</p> <p>Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY</p> <p>Permit Number: 016993397</p> <p>Permit Version: 6</p> <p>Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2009 Effective Date: 14-Oct-2009 Revocation Date: 31/12/2009</p>



ID	Distance (m)	Direction	NGR	Details	
29D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993397 Permit Version: 5	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2008 Effective Date: 01-Jan-2010 Revocation Date: 08/02/2010
30D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 8	Receiving Water: Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 09/02/2010 Effective Date: 09-Feb-2010 Revocation Date: 30/06/2012
31D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993397 Permit Version: 9	Receiving Water: Status: VARIED UNDER EPR 2010 Issue date: 26/06/2012 Effective Date: 01-Jul-2012 Revocation Date: -
32D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 4	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 16/03/2005 Effective Date: 16-Mar-2005 Revocation Date: 13/10/2009
33D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 8	Receiving Water: Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 09/02/2010 Effective Date: 09-Feb-2010 Revocation Date: 30/06/2012
34D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 5	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2008 Effective Date: 01-Jan-2010 Revocation Date: 08/02/2010
35D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 6	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2009 Effective Date: 14-Oct-2009 Revocation Date: 31/12/2009
36D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 016993397 Permit Version: 8	Receiving Water: Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 09/02/2010 Effective Date: 09-Feb-2010 Revocation Date: 30/06/2012
37D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 9	Receiving Water: Status: VARIED UNDER EPR 2010 Issue date: 26/06/2012 Effective Date: 01-Jul-2012 Revocation Date: -

ID	Distance (m)	Direction	NGR	Details	
38D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 5	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2008 Effective Date: 01-Jan-2010 Revocation Date: 08/02/2010
39D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 9	Receiving Water: Status: VARIED UNDER EPR 2010 Issue date: 26/06/2012 Effective Date: 01-Jul-2012 Revocation Date: -
40D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 9	Receiving Water: Status: VARIED UNDER EPR 2010 Issue date: 26/06/2012 Effective Date: 01-Jul-2012 Revocation Date: -
41D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 4	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 16/03/2005 Effective Date: 16-Mar-2005 Revocation Date: 13/10/2009
42D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 6	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2009 Effective Date: 14-Oct-2009 Revocation Date: 31/12/2009
43D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 5	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 14/10/2008 Effective Date: 01-Jan-2010 Revocation Date: 08/02/2010
44D	83	NW	333210 392640	Address: NORTH LIVERPOOL DOCK, SANDON DOCK, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016930584 Permit Version: 3	Receiving Water: Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 30-Apr-1999 Revocation Date: 04/01/2001
45D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 1	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 05/01/2001 Effective Date: 05-Jan-2001 Revocation Date: 13/03/2002
46D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 016993397 Permit Version: 3	Receiving Water: Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 05/01/2001 Effective Date: 01-Oct-2002 Revocation Date: 15/03/2005

ID	Distance (m)	Direction	NGR	Details	
47D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 3	Receiving Water: Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 05/01/2001 Effective Date: 01-Oct-2002 Revocation Date: 15/03/2005
48D	83	NW	333210 392640	Address: NORTH LIVERPOOL DOCKS STW, SANDON DOCK, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - WATER COMPANY Permit Number: 016930584 Permit Version: 3	Receiving Water: Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 30-Apr-1999 Revocation Date: 04/01/2001
49D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 016993397 Permit Version: 2	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 05/01/2001 Effective Date: 14-Mar-2002 Revocation Date: 30/09/2002
50D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 2	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 05/01/2001 Effective Date: 14-Mar-2002 Revocation Date: 30/09/2002
51D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 1	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 05/01/2001 Effective Date: 05-Jan-2001 Revocation Date: 13/03/2002
52D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 1	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 05/01/2001 Effective Date: 05-Jan-2001 Revocation Date: 13/03/2002
53D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 3	Receiving Water: Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 05/01/2001 Effective Date: 01-Oct-2002 Revocation Date: 15/03/2005
54D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 016993397 Permit Version: 2	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 05/01/2001 Effective Date: 14-Mar-2002 Revocation Date: 30/09/2002
55D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 3	Receiving Water: Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 05/01/2001 Effective Date: 01-Oct-2002 Revocation Date: 15/03/2005

ID	Distance (m)	Direction	NGR	Details	
56D	83	NW	333210 392640	Address: NORTH LIVERPOOL DOCKS STW, SANDON DOCK, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - WATER COMPANY Permit Number: 016930584 Permit Version: 2	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16-Mar-1999 Revocation Date: 29/04/1999
57D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 2	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 05/01/2001 Effective Date: 14-Mar-2002 Revocation Date: 30/09/2002
58D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 016993397 Permit Version: 1	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 05/01/2001 Effective Date: 05-Jan-2001 Revocation Date: 13/03/2002
59D	83	NW	333210 392640	Address: NORTH LIVERPOOL DOCKS STW, SANDON DOCK, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016930584 Permit Version: 2	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16-Mar-1999 Revocation Date: 29/04/1999
60D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 016993397 Permit Version: 3	Receiving Water: Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 05/01/2001 Effective Date: 01-Oct-2002 Revocation Date: 15/03/2005
61D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993397 Permit Version: 2	Receiving Water: Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 05/01/2001 Effective Date: 14-Mar-2002 Revocation Date: 30/09/2002
62D	83	NW	333210 392640	Address: LIVERPOOL WWTW, SANDON DOCK, LIVERPOOL Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 016993397 Permit Version: 1	Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: 05/01/2001 Effective Date: 05-Jan-2001 Revocation Date: 13/03/2002
63	94	SW	333200 392300	Address: MERSEY DOCKS & HARBOUR CO, SHED & ROAD, NELSON, WEST, LIVERPOOL, MERSEYSIDE Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990734 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
64F	101	N	333394 392709	Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: EP RTP3126GJ Permit Version: 1	Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 07/06/2012 Effective Date: 07-Jun-2012 Revocation Date: 14/09/2012

ID	Distance (m)	Direction	NGR	Details
65F	101	N	333394 392709	<p>Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE</p> <p>Effluent Type: TRADE DISCHARGES - UNSPECIFIED</p> <p>Permit Number: EP RTP3126GJ</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 07/06/2012 Effective Date: 07-Jun-2012 Revocation Date: 14/09/2012</p>
66F	101	N	333394 392709	<p>Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE</p> <p>Effluent Type: TRADE DISCHARGES - UNSPECIFIED</p> <p>Permit Number: EP RTP3126GJ</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 07/06/2012 Effective Date: 07-Jun-2012 Revocation Date: 14/09/2012</p>
67F	107	N	333398 392715	<p>Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE</p> <p>Effluent Type: TRADE DISCHARGES - SITE DRAINAGE</p> <p>Permit Number: EPRSP3128XA</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 30/03/2012 Effective Date: 21-Apr-2012 Revocation Date: 09/08/2012</p>
68F	107	N	333398 392715	<p>Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE</p> <p>Effluent Type: TRADE DISCHARGES - SITE DRAINAGE</p> <p>Permit Number: EPRSP3128XA</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 30/03/2012 Effective Date: 21-Apr-2012 Revocation Date: 09/08/2012</p>
69F	107	N	333398 392715	<p>Address: LIVERPOOL WASTEWATER TREATMENT WORK, SANDON DOCK, REGENT ROAD, LIVERPOOL, MERSEYSIDE, L3 0BE</p> <p>Effluent Type: TRADE DISCHARGES - SITE DRAINAGE</p> <p>Permit Number: EPRSP3128XA</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: SURRENDERED UNDER EPR 2010 Issue date: 30/03/2012 Effective Date: 21-Apr-2012 Revocation Date: 09/08/2012</p>
70A	128	NW	333200 392700	<p>Address: BEACONS GUTTER SSO, BEACONS GUTTER, LIVERPOOL, MERSEYSIDE</p> <p>Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY</p> <p>Permit Number: 016930971</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: 14-Nov-1986 Revocation Date: 21/07/2009</p>
71A	128	NW	333200 392700	<p>Address: BEACONS GUTTER SSO, BEACONS GUTTER, LIVERPOOL, MERSEYSIDE</p> <p>Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY</p> <p>Permit Number: 016930971</p> <p>Permit Version: 2</p> <p>Receiving Water: Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 22/07/2009 Effective Date: 22-Jul-2009 Revocation Date: -</p>
72	195	S	333600 392200	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, QUAY, NELSON, SOUTH, LIVERPOOL, MERSEYSIDE</p> <p>Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER</p> <p>Permit Number: 016990717</p> <p>Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: - Revocation Date: -</p>

ID	Distance (m)	Direction	NGR	Details
73G	255	S	333590 392140	<p>Address: COLLINGWOOD CLUBSHIP LANDFALL, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 016990705 Permit Version: 2</p> <p>Receiving Water: Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: - Effective Date: 01-Jan-1995 Revocation Date: 01/10/1996</p>
74G	255	S	333590 392140	<p>Address: COLLINGWOOD CLUBSHIP LANDFALL, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 016990705 Permit Version: 1</p> <p>Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01-Apr-1991 Revocation Date: 31/12/1994</p>
75H	280	N	333700 392900	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, HUSKISSON, SOUTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990716 Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -</p>
76H	280	N	333700 392900	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, HUSKISSON, SOUTH, LIVERPOOL, MERSEYSIDE Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990715 Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -</p>
77H	280	N	333700 392900	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, HUSKISSON, SOUTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990714 Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -</p>
78H	280	N	333700 392900	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, SHED, SANDON, NORTH, LIVERPOOL, MERSEYSIDE Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990713 Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -</p>
79H	280	N	333700 392900	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, SANDON, EAST, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990712 Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -</p>
80	344	SE	333800 392100	<p>Address: MERSEY DOCKS &amp; HARBOUR CO, EAST YARD TOILET, STANLEY, NORTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990732 Permit Version: 1</p> <p>Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE &lt; 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -</p>
81I	380	N	333700 393000	<p>Address: NORTH LIVERPOOL DOCKS STW, SANDON DOCK, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - WATER COMPANY Permit Number: 016930584 Permit Version: 1</p> <p>Receiving Water: Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 17-Jan-1986 Revocation Date: 15/03/1999</p>



ID	Distance (m)	Direction	NGR	Details	
82J	385	S	333200 392000	Address: BATTERY LANE SSO, BATTERY LANE, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016930972 Permit Version: 2	Receiving Water: Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 22/07/2009 Effective Date: 22-Jul-2009 Revocation Date: -
83J	385	S	333200 392000	Address: BATTERY LANE SSO, BATTERY LANE, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016930972 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: 14-Nov-1986 Revocation Date: 21/07/2009
84	395	S	333600 392000	Address: MERSEY DOCKS & HARBOUR CO, STANLEY, SOUTH, NEW WAREHOUSE, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990718 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
85	405	N	333200 393000	Address: MERSEY DOCKS & HARBOUR CO, HUSKISSON, WEST, LIVERPOOL, MERSEYSIDE Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990711 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
86K	480	N	333700 393100	Address: MERSEY DOCKS & HARBOUR CO, HUSKISSON, SOUTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990751 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
87K	480	N	333700 393100	Address: MERSEY DOCKS & HARBOUR CO, HUSKISSON, NORTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990752 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
88K	480	N	333700 393100	Address: MERSEY DOCKS & HARBOUR CO, HUSKISSON, NORTH, LIVERPOOL, MERSEYSIDE Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990753 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
89Q	483	N	333600 393100	Address: MERSEY DOCKS & HARBOUR CO, HUSKISSON, NORTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990754 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
90L	491	N	333400 393100	Address: MERSEY DOCKS & HARBOUR CO, HUSKISSON, NORTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990755 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -

ID	Distance (m)	Direction	NGR	Details	
91L	491	N	333400 393100	Address: MERSEY DOCKS & HARBOUR CO, HUSKISSON, NORTH, LIVERPOOL, MERSEYSIDE Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016990756 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -
92	495	S	333600 391900	Address: MERSEY DOCKS & HARBOUR CO, PRINCES, HALF TIDE, LIVERPOOL, MERSEYSIDE Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990723 Permit Version: 1	Receiving Water: Status: PRE NRA LEGISLATION WHERE ISSUE DATE < 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: Revocation Date: -

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

2

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

ID	Distance (m)	Direction	Address	Permission reference	Local Authority	First Date Received	Last Date Received	Status
140 R	208	NE	ALEO PLATING LTD, 138 VAUXHALL ROAD, 138 VAUXHALL ROAD, LIVERPOOL, LIVERPOOL, L3 6EY	AX9124	LIVERPOOL CITY COUNCIL	01-Jul-2010	01-Jan-2016	RECEIVED
141 S	326	E	OCTOPLATE LTD, 26 TOWNSEND STREET, 26 TOWNSEND STREET, LIVERPOOL, LIVERPOOL, L5 9XY	BC1550	LIVERPOOL CITY COUNCIL	01-Jun-2001	01-Jan-2016	RECEIVED



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

2

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
142T	115	E	05HZ/3563	333755 392428	Approved	14/11/2005	Warrant Distribution Ltd, Blackstone Street, Liverpool, L5 9TY	To Store Various Hazardous Substances	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
143U	421	S	14HZ/0300	333500 391970	Approved	11/02/2014	Henty Oil Limited, Huskisson Dock No 1, Liverpool Docks, Liverpool, L3 0AT	Application for hazardous substance consent for the storage of 1500 tonnes of kerosene, 1400 tonnes of gas oil and 21000 tonnes of HFO within categories A36 (Petroleum Products) and Part B Entry 10 (i) (Very toxic to aquatic organisms) of the Plannin	Enforcement: No Enforcement Notified Date of Enforcement: No Details Comment: No Details

## 2.2 Dangerous or Hazardous Sites

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

0

Database searched and no data found.

## 2.3 Environment Agency Recorded Pollution Incidents

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

5

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

ID	Distance (m)	Direction	NGR	Details
1	55	E	333709 392481	Incident Date: 06-Nov-2002 Incident Identification: 119066 Pollutant: Specific Waste Materials Pollutant Description: Tyres Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Distance (m)	Direction	NGR	Details	
2	233	SE	333744 392196	Incident Date: 27-Jun-2003 Incident Identification: 169249 Pollutant: Inorganic Chemicals/Products Pollutant Description: Heavy Metals	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3	282	E	333975 392581	Incident Date: 30-May-2002 Incident Identification: 82324 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)
4	334	E	334011 392730	Incident Date: 23-Jun-2003 Incident Identification: 168138 Pollutant: Inert Materials and Wastes:General Biodegradable Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes:Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
5	490	N	333752 393107	Incident Date: 11-Mar-2001 Incident Identification: 185 Pollutant: Oils and Fuel Pollutant Description: Other Oil or Fuel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) 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.

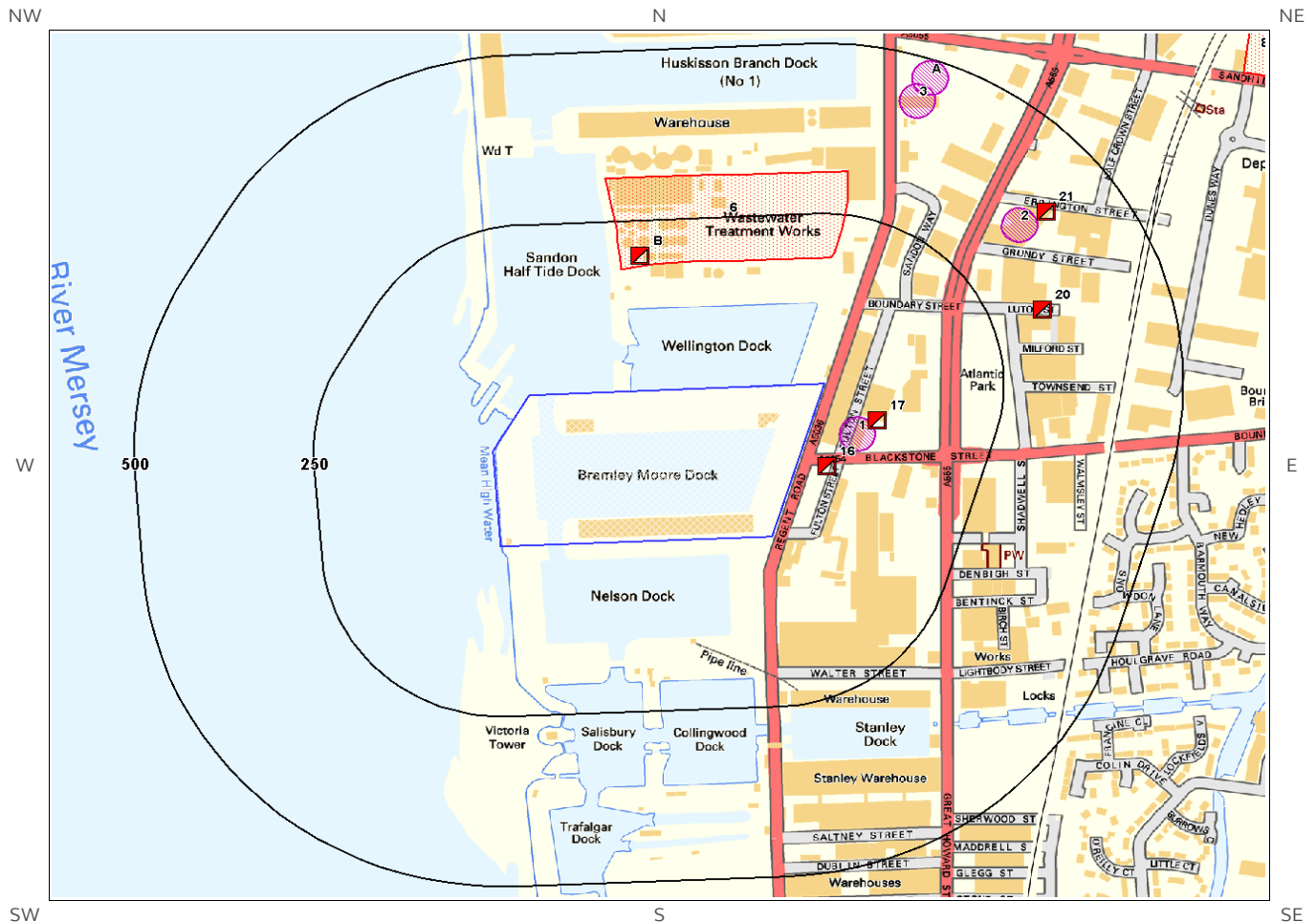
## 2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

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

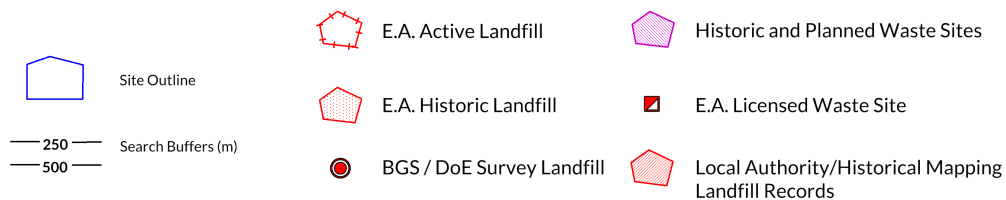
0

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 landfill data within 1000m of the study site:

0

Database searched and no data found.

### 3.1.2 Records of Environment Agency historic landfill sites within 1500m of the study site:

10

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
6	180	N	333500 392800	Site Address: Sandon Dock, Sefton, Merseyside Waste Licence: - Site Reference: GDO M175 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: - Last Recorded: -
Not shown	580	N	333500 393200	Site Address: Huskissan No.2 Branch Dock, Liverpool, Merseyside Waste Licence: - Site Reference: GDO M147 Waste Type: Inert, Special, Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: Pier Head, Liverpool Operator: Mersey Docks and Harbour Company Licence Holder: Mersey Docks and Harbour Company First Recorded: - Last Recorded: -
8	741	NE	334300 393100	Site Address: Railway Goods Yard, Sandhills Lane, Liverpool 8, Merseyside Waste Licence: Yes Site Reference: M182, 142/02 Waste Type: Inert, Industrial, Household, Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 13-Mar-1984 Licence Surrendered: Licence Holder Address: Woodend Avenue, Speke, Merseyside Operator: Merseyscene Limited Licence Holder: Merseyscene Limited First Recorded: 01-Jan-1984 Last Recorded: 31-Dec-1989
Not shown	757	S	333500 391500	Site Address: Trafalgar Branch Dock, Liverpool, Merseyside Waste Licence: - Site Reference: GDO M176 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 01-Jan-1970 Last Recorded: 31-Dec-1971

ID	Distance (m)	Direction	NGR	Details
Not shown	866	NE	334400 393300	<p>Site Address: Former Tillotsons Factory, Commercial Road, Stanley Road, Liverpool, Merseyside Waste Licence: Yes Site Reference: GDO M083, 096/02 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 23-Jan-1981 Licence Surrendered: Licence Holder Address: 173a Rice Lane, Liverpool Operator: Merseyscere Limited Licence Holder: E T Spencer Builders Limited First Recorded: 01-Jan-1981 Last Recorded: 31-Dec-1987</p>
Not shown	891	S	333500 391400	<p>Site Address: Victoria Branch Dock, Merseyside Waste Licence: - Site Reference: GDO M177 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 01-Jan-1970 Last Recorded: 31-Dec-1971</p>
Not shown	992	N	334100 393600	<p>Site Address: Canada Dock Goods Yard, Juniper Street, Bankhall Lane, Liverpool, Merseyside Waste Licence: Yes Site Reference: M235, 050/02, 419/02, 30419 Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: NR1/L/MDC001</p> <p>Licence Issue: 14-Apr-1978 Licence Surrendered: 23-Feb-2000 Licence Holder Address: 42, Lightbody Street, Liverpool 5 Operator: - Licence Holder: BP Haulage Limited First Recorded: - Last Recorded: -</p>
Not shown	1039	NE	334100 393600	<p>Site Address: Canada Dock Goods Yard, Juniper Street, Bankhall Lane, Liverpool, Merseyside Waste Licence: Yes Site Reference: M235, 050/02, 419/02, 30419 Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: NR1/L/MDC001</p> <p>Licence Issue: 14-Apr-1978 Licence Surrendered: 23-Feb-2000 Licence Holder Address: 42, Lightbody Street, Liverpool 5 Operator: - Licence Holder: BP Haulage Limited First Recorded: - Last Recorded: -</p>
Not shown	1110	S	333400 391200	<p>Site Address: Waterloo Dock River Entrance, Merseyside, Liverpool Waste Licence: - Site Reference: GDO M178 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: Licence Surrendered: Licence Holder Address: - Operator: - Licence Holder: - First Recorded: 31-Dec-1985 Last Recorded: 31-Dec-1985</p>
Not shown	1154	N	333900 393800	<p>Site Address: Railway Yard between Derby Road And Forth Street / Bankfield Goods Yard, Liverpool, Merseyside Waste Licence: Yes Site Reference: 139/02, GDO M144 Waste Type: Industrial, Commercial, Household, Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 06-Mar-1985 Licence Surrendered: Licence Holder Address: Old Kennel House, Croxteth Park, Liverpool Operator: C F Smith Licence Holder: C F Smith First Recorded: - Last Recorded: -</p>

### 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:

0

Database searched and no data found.

## 3.2 Other Waste Sites

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

5

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	
1	42	E	333742 392546	Type of Site: Waste Transfer Unit Site Address: Blackstone Street, LIVERPOOL, Merseyside, L5 9TY Planning Application Reference: 05F/2477 Date: 17/04/2006	Further Details: Scheme comprises a waste transfer unit with storage units, offices, access, locker room, canteen, security and 17 car parking spaces. Construction - internal partitions, metal cladding walls; metal cladding, pitched roof; fire doors; steel frame; blackop surfacing, drain covers, fencing, kerbing, manholes, white lining site works; access controls, bathroom, emergency lighting, fire alarm system, kitchen, suspended ceilings fittings. An application (ref: 05F/2477) for Detailed Planning permission was granted by Liverpool C.C. Work commenced. Data Source: Historic Planning Application Data Type: Point
2	334	NE	333968 392853	Type of Site: Waste Transfer Station Site Address: Grundy Street, LIVERPOOL, Merseyside, L5 9YH Planning Application Reference: 06F/0699 Date: -	Further Details: Scheme comprises of a waste transfer station and brick crushing plant. An application (ref: 06F/0699) for detailed planning permission was granted by Liverpool C.C. Planning decision obtained Data Source: Historic Planning Application Data Type: Point

ID	Distance (m)	Direction	NGR	Details		
3	411	N	333825 393035	Type of Site: Recycling Facility Site Address: 186 Regent Road, Port of Liverpool, LIVERPOOL, Merseyside, L21 1	Planning Application Reference: 08F/0010 Date: -	Further Details: Scheme comprises using as contactors yard inert transfer/recycling facility. An application (ref: 08F/0010) for detailed planning permission was granted by Liverpool C.C. Planning decision obtained Data Source: Historic Planning Application Data Type: Point
4A	448	N	333843 393069	Type of Site: Waste Recycling Centre Site Address: Williams Truck & Van Centre, 159 Regent Road, Kirkdale, LIVERPOOL, Merseyside, L5 9TF	Planning Application Reference: 05F/2640 Date: -	Further Details: Scheme comprises proposed use of site for inert waste recycling (crushing/screening to include hardcore, concrete, soil, subsoil materials). Construction - hardcore site works. An application (ref: 05F/2640) for Detailed Planning permission was submitted to Liverpool C.C. on 19th August 2005. Data Source: Historic Planning Application Data Type: Point
5A	448	N	333843 393069	Type of Site: Waste Recycling Centre Site Address: Williams Truck & Van Centre, 159 Regent Road, Kirkdale, LIVERPOOL, Merseyside, L5 9TF	Planning Application Reference: 05F/2640 Date: -	Further Details: Scheme comprises proposed use of site for inert waste recycling (crushing/screening to include hardcore, concrete, soil, subsoil materials). Construction - hardcore site works. An application (ref: 05F/2640) for Detailed Planning permission was submitted to Liverpool C.C. on 19th August 2005. Data Source: Historic Planning Application Data Type: Point

### 3.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site:

80

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
16	41	E	333700 392500	<p>Site Address: 11, Blackstone Street, Liverpool, Merseyside, L5 9TY Type: Household, Commercial &amp; Industrial Waste T Stn Size: &gt;= 25000 tonnes &lt; 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SWS001 EPR reference: EA/EPR/PP3196CY/S002 Operator: Shanks Northern Ltd Waste Management licence No: 53654 Annual Tonnage: 531408.98</p> <p>Issue Date: 05/06/1995 Effective Date: - Modified: - Surrendered Date: 2.00007e+016 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Shanks Correspondence Address: -</p>
17	86	E	333769 392567	<p>Site Address: Land/premises At, Blackstone Street, Liverpool North, Liverpool, Merseyside, L5 9TY Type: Household, Commercial &amp; Industrial Waste T Stn Size: &gt;= 25000 tonnes &lt; 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CIR001 EPR reference: EA/EPR/WP3694CH/A001 Operator: Circle Liverpool Ltd Waste Management licence No: 50422 Annual Tonnage: 40000.0</p> <p>Issue Date: 13/01/2006 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued Site Name: Blackstone Street Transfer Station Correspondence Address: -</p>
18B	199	N	333439 392809	<p>Site Address: Liverpool Wastewater Treatment Works, Sandon Dock, Regent Road, Liverpool, Merseyside, L3 0BE Type: - Size: &lt; 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWT001 EPR reference: - Operator: United Utilities Water Plc Waste Management licence No: 50531 Annual Tonnage: 0.0</p> <p>Issue Date: 04/01/2008 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Liverpool Wastewater Treatment Works Correspondence Address: Haweswater House, Lingley Mere Business Park, Lingley Green Avenue, Warrington, Cheshire, WA5 3LP</p>
19B	199	N	333439 392809	<p>Site Address: Liverpool Wastewater Treatment Works, Sandon Dock, Regent Road, Liverpool, Merseyside, L3 0BE Type: Biological Treatment Facility Size: &lt; 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LWT001 EPR reference: EA/EPR/SP3192CV/A001 Operator: United Utilities Water Plc Waste Management licence No: 50531 Annual Tonnage: 975000.0</p> <p>Issue Date: 04/01/2008 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: To PPC Site Name: Liverpool Wastewater Treatment Works Correspondence Address: -</p>



ID	Distance (m)	Direction	NGR	Details
20	323	E	334000 392730	<p>Site Address: Luton Street, Liverpool, Merseyside, L5</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 25000 tonnes &lt; 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: BPL011</p> <p>EPR reference: EA/EPR/LP3792CY/S002</p> <p>Operator: Brock Plc.</p> <p>Waste Management licence No: 53426</p> <p>Annual Tonnage: 25000.0</p> <p>Issue Date: 07/10/1992</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 2.00405e+016</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Progress</p> <p>Site Name: Luton Street Transfer Station</p> <p>Correspondence Address: -</p>
21	400	NE	334005 392874	<p>Site Address: 2 To 10, Errington Street, Liverpool, Merseyside, L5 9SB</p> <p>Type: Material Recycling Treatment Facility</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CPL002</p> <p>EPR reference: EA/EPR/FP3298CW/A001</p> <p>Operator: Chisholm Plastics Ltd</p> <p>Waste Management licence No: 50010</p> <p>Annual Tonnage: 1000.0</p> <p>Issue Date: 15/01/1999</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Chisholm Plastics Ltd</p> <p>Correspondence Address: -</p>
Not shown	616	S	333656 391781	<p>Site Address: Unit 1, 8, Regent Road, Liverspool, L13 7BX</p> <p>Type: 75kte Vehicle Depollution Facility</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: USE016</p> <p>EPR reference: EA/EPR/BB3401MP/A001</p> <p>Operator: Used Parts Express Ltd</p> <p>Waste Management licence No: 401259</p> <p>Annual Tonnage: 0.0</p> <p>Issue Date: 26/03/2014</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Revoked</p> <p>Site Name: Used Parts Express Ltd</p> <p>Correspondence Address: -</p>
Not shown	641	SE	333950 391844	<p>Site Address: 13-17, Upper William Street, Liverpool, Merseyside, L3 7EE</p> <p>Type: 75kte HCI Waste Transfer Station</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: ALA048</p> <p>EPR reference: EA/EPR/KP3398VR/A001</p> <p>Operator: Alan Pearson</p> <p>Waste Management licence No: 101810</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 26/07/2010</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: Waste Away</p> <p>Correspondence Address: -</p>
Not shown	641	SE	333950 391844	<p>Site Address: 13-17, Upper William Street, Liverpool, Merseyside, L3 7EE</p> <p>Type: 75kte HCI Waste Transfer Station</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: RJA006</p> <p>EPR reference: EA/EPR/NB3938RD/T001</p> <p>Operator: R Jackson Services ( N W ) Ltd</p> <p>Waste Management licence No: 101810</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 26/07/2010</p> <p>Effective Date: 21/02/2013</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Expired</p> <p>Site Name: Waste Away Skip Hire</p> <p>Correspondence Address: -</p>
Not shown	768	NE	334200 393200	<p>Site Address: Unit 1 &amp; 2, Bankhall Lane, Liverpool, Merseyside, L20 8EW</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: EJJ001</p> <p>EPR reference: EA/EPR/NP3796CG/S002</p> <p>Operator: E J &amp; J Mitchell</p> <p>Waste Management licence No: 53806</p> <p>Annual Tonnage: 115414.82</p> <p>Issue Date: 03/02/1993</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 2.01602e+016</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: E J &amp; J Mitchell</p> <p>Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	842	S	333900 391600	<p>Site Address: 76-82, Sprainger Street, Liverpool Exchange, Liverpool, Merseyside, L3 7HX</p> <p>Type: ELV Facility</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MWI001</p> <p>EPR reference: EA/EPR/NP3494CY/A001</p> <p>Operator: Mwitā Abdul</p> <p>Waste Management licence No: 50386</p> <p>Annual Tonnage: 2500.0</p> <p>Issue Date: 27/05/2005</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: V W Audi Seconds</p> <p>Correspondence Address: -</p>
Not shown	884	N	333900 393480	<p>Site Address: Canada Grain Silo, Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MER005</p> <p>EPR reference: EA/EPR/JP3798CG/S002</p> <p>Operator: The Mersey Docks And Harbour Company</p> <p>Waste Management licence No: 50158</p> <p>Annual Tonnage: 500000.0</p> <p>Issue Date: 10/07/2003</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 2.00506e+016</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Mersey Docks &amp; Harbour Co Transfer Station</p> <p>Correspondence Address: -</p>
Not shown	899	S	333700 391500	<p>Site Address: 25, Vandries Street, Liverpool, Merseyside, L3 7BJ</p> <p>Type: Metal Recycling Site (Vehicle Dismantler)</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: TLG001</p> <p>EPR reference: EA/EPR/BP3796CR/A001</p> <p>Operator: Gorry T L</p> <p>Waste Management licence No: 53667</p> <p>Annual Tonnage: 416.66</p> <p>Issue Date: 24/03/1995</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Revoked</p> <p>Site Name: Miranda Motors</p> <p>Correspondence Address: -</p>
Not shown	936	NE	334277 393354	<p>Site Address: 8-11, Foster Street, Liverpool, Merseyside, L20 8EX</p> <p>Type: Physical Treatment Facility</p> <p>Size: &gt;= 25000 tonnes &lt; 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SAN006</p> <p>EPR reference: FP3294CT/V002</p> <p>Operator: Sanders Products ( Liverpool) Limited</p> <p>Waste Management licence No: 50352</p> <p>Annual Tonnage: 0.0</p> <p>Issue Date: 29/06/2005</p> <p>Effective Date: -</p> <p>Modified: 05/07/2010</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Sanders Products ( Liverpool)</p> <p>Correspondence Address: -</p>
Not shown	936	NE	334277 393354	<p>Site Address: 8-11, Foster Street, Bootle, Liverpool, Merseyside, L20 8EX</p> <p>Type: Physico-Chemical Treatment Facility</p> <p>Size: &gt;= 25000 tonnes &lt; 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: OLL003</p> <p>EPR reference: EA/EPR/LP3032NC/V002</p> <p>Operator: Olleco</p> <p>Waste Management licence No: 50352</p> <p>Annual Tonnage: 24999.0</p> <p>Issue Date: 29/06/2005</p> <p>Effective Date: 09/07/2013</p> <p>Modified: 19/02/2014</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: To PPC</p> <p>Site Name: Olleco</p> <p>Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	936	NE	334277 393354	Site Address: 8-11, Foster Street, Bootle, Liverpool, Merseyside, L20 8EX Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: EA/EPR/FP3294CT/V005 Operator: Sanders Products ( Liverpool) Ltd Waste Management licence No: 50352 Annual Tonnage: 24999.0	Issue Date: 29/06/2005 Effective Date: - Modified: 05/09/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Agri Energy - Sanders Products ( Liverpool) Correspondence Address: -
Not shown	936	NE	334277 393354	Site Address: 8-11, Foster Street, Bootle, Liverpool, Merseyside, L20 8EX Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: EA/EPR/FP3294CT/V005 Operator: Sanders Products ( Liverpool) Ltd Waste Management licence No: 50352 Annual Tonnage: 24999.0	Issue Date: 29/06/2005 Effective Date: - Modified: 05/09/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Agri Energy - Sanders Products ( Liverpool) Correspondence Address: -
Not shown	936	NE	334277 393354	Site Address: 8-11, Foster Street, Liverpool, Merseyside, L20 8EX Type: Physical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: - Operator: Sanders Products (liverpool) Limited Waste Management licence No: 50352 Annual Tonnage: 0.0	Issue Date: 29/06/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Sanders Vegetable Oil Treatment Correspondence Address: 8-11, Foster Street, Liverpool, Merseyside, L20 8EX
Not shown	936	NE	334277 393354	Site Address: 8-11, Foster Street, Liverpool, Merseyside, L20 8EX Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAN006 EPR reference: EA/EPR/FP3294CT/V004 Operator: Sanders Products ( Liverpool) Limited Waste Management licence No: 50352 Annual Tonnage: 24999.0	Issue Date: 29/06/2005 Effective Date: - Modified: 18/04/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Sanders Products ( Liverpool) Correspondence Address: -
Not shown	945	N	333790 393560	Site Address: Canada Dock Goods Sidings, Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS166 EPR reference: EA/EPR/LB3238AF/T001 Operator: Waste Away Skip Hire ( Liverpool) Ltd Waste Management licence No: 100117 Annual Tonnage: 24999.0	Issue Date: 12/02/2008 Effective Date: 12/10/2012 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Waste Away Skip Hire Correspondence Address: -

ID	Distance (m)	Direction	NGR	Details
Not shown	945	N	333790 393560	<p>Site Address: Canada Dock Goods Sidings, Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: REG024</p> <p>EPR reference: EA/EPR/AB3208FS/T001</p> <p>Operator: Regent Recycling Limited</p> <p>Waste Management licence No: 100117</p> <p>Annual Tonnage: 24999.0</p> <p>Issue Date: 12/02/2008</p> <p>Effective Date: 02/07/2013</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Transferred</p> <p>Site Name: Canada Dock Waste Transfer Station</p> <p>Correspondence Address: -</p>
Not shown	945	N	333790 393560	<p>Site Address: Canada Dock Goods Sidings, Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MER009</p> <p>EPR reference: EA/EPR/WP3095ES/A001</p> <p>Operator: Mersey Skips Recycling Ltd</p> <p>Waste Management licence No: 100117</p> <p>Annual Tonnage: 24999.0</p> <p>Issue Date: 12/02/2008</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: Mersey Skips Recycling Limited</p> <p>Correspondence Address: -</p>
Not shown	945	N	333790 393560	<p>Site Address: Canada Dock Goods Sidings, Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MER009</p> <p>EPR reference: -</p> <p>Operator: Mersey Skips Ltd</p> <p>Waste Management licence No: 100117</p> <p>Annual Tonnage: 0.0</p> <p>Issue Date: 12/02/2008</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: Mersey Skips Limited</p> <p>Correspondence Address: -</p>
Not shown	980	N	333700 393600	<p>Site Address: Canada Docks Goods Siding, Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: LWS003</p> <p>EPR reference: EA/EPR/GP3496CA/A001</p> <p>Operator: Liverpool Waste Services Ltd</p> <p>Waste Management licence No: 53727</p> <p>Annual Tonnage: 9167.0</p> <p>Issue Date: 11/07/1994</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: Canada Dock Transfer Station</p> <p>Correspondence Address: -</p>
Not shown	986	N	333800 393600	<p>Site Address: Canada Dock Railway Sidings, Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Metal Recycling Site (Vehicle Dismantler)</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: OGL001</p> <p>EPR reference: EA/EPR/MP3691CA/A001</p> <p>Operator: Oak Class Ltd</p> <p>Waste Management licence No: 53959</p> <p>Annual Tonnage: 416.66</p> <p>Issue Date: 28/11/1988</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: North End Car Spares</p> <p>Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	987	NE	334300 393400	<p>Site Address: Land/premises At, Costain Street, Bootle, Liverpool, Merseyside, L20 8QJ</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 25000 tonnes &lt; 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: GAS003</p> <p>EPR reference: EA/EPR/FP3494CZ/A001</p> <p>Operator: Gaskells ( North West) Ltd</p> <p>Waste Management licence No: 50351</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 04/11/2004</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: Gaskells Waste Services</p> <p>Correspondence Address: -</p>
Not shown	991	NE	334152 393500	<p>Site Address: Victoria Yard, Sandhills Lane, Liverpool, Merseyside, L5</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: EJJ002</p> <p>EPR reference: EA/EPR/YP3892CC/A001</p> <p>Operator: E J &amp; J Mitchell</p> <p>Waste Management licence No: 53619</p> <p>Annual Tonnage: 416.66</p> <p>Issue Date: 03/06/1993</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Revoked</p> <p>Site Name: E J &amp; J Mitchell</p> <p>Correspondence Address: -</p>
Not shown	995	N	333849 393603	<p>Site Address: Canada Dock G Railway Sidings, Off Regent Road, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 25000 tonnes &lt; 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: AMO001</p> <p>EPR reference: EA/EPR/EP3698CP/V002</p> <p>Operator: T M Waste Management Ltd</p> <p>Waste Management licence No: 50064</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 18/07/2002</p> <p>Effective Date: -</p> <p>Modified: 30/04/2004</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Expired</p> <p>Site Name: T M Waste Management Ltd</p> <p>Correspondence Address: -</p>
Not shown	997	N	333880 393600	<p>Site Address: Canada Dock Goods Sidings, Regent Road / Bankfield Street, Kirkdale, Liverpool, Merseyside, L20 8DF</p> <p>Type: Special Waste Transfer Station</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: WFD002</p> <p>EPR reference: EA/EPR/MP3792CJ/S002</p> <p>Operator: W F Doyle &amp; Co Ltd</p> <p>Waste Management licence No: 53438</p> <p>Annual Tonnage: 4000000.0</p> <p>Issue Date: 25/02/2000</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 2.01305e+016</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Canada Dock Goods Sidings</p> <p>Correspondence Address: -</p>
Not shown	1049	N	333982 393629	<p>Site Address: Canada Railway Sidings, Off Regent Road, Liverpool, Merseyside, L20 2DF</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 25000 tonnes &lt; 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: AMO001</p> <p>EPR reference: -</p> <p>Operator: Azac Ltd</p> <p>Waste Management licence No: 50064</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 18/07/2002</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: T &amp; M Skip Hire</p> <p>Correspondence Address: Canada Railway Sidings, Off Regent Road, Liverpool, Merseyside, L20 2DF</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1060	N	334100 393600	<p>Site Address: Canada Dock, Bankhall Lane, Bootle, Liverpool, Merseyside</p> <p>Type: Landfill taking Non-Biodegradable Wastes</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MDC001</p> <p>EPR reference: EA/EPR/KP3396CD/S002</p> <p>Operator: Merseyside Development Corporation</p> <p>Waste Management licence No: 53732</p> <p>Annual Tonnage: 150000.0</p> <p>Issue Date: 25/05/1994</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 2.00002e+016</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: -</p> <p>Correspondence Address: -</p>
Not shown	1074	NE	334357 393466	<p>Site Address: 17-21, Foster Sreet, Bootle, Liverpool, Merseyside, L20 8EX</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: GAS003</p> <p>EPR reference: EA/EPR/FP3494CZ/V002</p> <p>Operator: Gaskells ( North West) Ltd</p> <p>Waste Management licence No: 50351</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 04/11/2004</p> <p>Effective Date: -</p> <p>Modified: 16/12/2013</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Gaskells Waste Services</p> <p>Correspondence Address: -</p>
Not shown	1074	NE	334357 393466	<p>Site Address: 17-21, Foster Sreet, Bootle, Liverpool, Merseyside, L20 8EX</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: GAS003</p> <p>EPR reference: EA/EPR/FP3494CZ/V002</p> <p>Operator: Gaskells ( North West ) Ltd</p> <p>Waste Management licence No: 50351</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 04/11/2004</p> <p>Effective Date: -</p> <p>Modified: 16/12/2013</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Gaskells Waste Services</p> <p>Correspondence Address: -</p>
Not shown	1107	N	333798 393722	<p>Site Address: Bankfield House, Bankfield Mill, Regent Road, Liverpool, Merseyside, L20 8RQ</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SNO002</p> <p>EPR reference: EA/EPR/XP3492CL/A001</p> <p>Operator: S Norton &amp; Co Ltd</p> <p>Waste Management licence No: 53454</p> <p>Annual Tonnage: 500000.0</p> <p>Issue Date: 04/06/1999</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: S Norton &amp; Co Ltd</p> <p>Correspondence Address: -</p>
Not shown	1111	N	333735 393730	<p>Site Address: Canada Dock, Regent Road, Bootle, Liverpool, Merseyside, L20 8DQ</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: &gt;= 25000 tonnes &lt; 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: JTL002</p> <p>EPR reference: EA/EPR/JP3895EU/A001</p> <p>Operator: J T Leavesley ( Alrewas) Ltd</p> <p>Waste Management licence No: 100197</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 30/06/2008</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: J T Leavesley ( Alrewas) Ltd</p> <p>Correspondence Address: -</p>
Not shown	1149	N	333173 393748	<p>Site Address: Canada Dock West, Off Regent Road, Regent Road, Liverpool, Merseyside, L20 1DE</p> <p>Type: Metal Recycling Site (Vehicle Dismantler)</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: NOR017</p> <p>EPR reference: EA/EPR/AP3694CC/A001</p> <p>Operator: S Norton &amp; Co Ltd</p> <p>Waste Management licence No: 50435</p> <p>Annual Tonnage: 1000000.0</p> <p>Issue Date: 02/11/2006</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: S Norton &amp; Co Ltd</p> <p>Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1153	N	334100 393700	<p>Site Address: Land/premises At, Bankhall Lane, Bootle, Liverpool, Merseyside, L20 8EW</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: VEO054</p> <p>EPR reference: EA/EPR/DP3793SG/T002</p> <p>Operator: Veolia E S ( U K ) Ltd</p> <p>Waste Management licence No: 53605</p> <p>Annual Tonnage: 6250.0</p> <p>Issue Date: 29/03/1996</p> <p>Effective Date: 08/01/2009</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Transferred</p> <p>Site Name: Canada Dock Goods Yard</p> <p>Correspondence Address: -</p>
Not shown	1153	N	334100 393700	<p>Site Address: Unit 1, Bankhall Lane, Liverpool, Merseyside, L20 8EW</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SWR003</p> <p>EPR reference: EA/EPR/QB3033AS/T001</p> <p>Operator: Smith Waste And Recycling Limited</p> <p>Waste Management licence No: 102994</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 24/06/2011</p> <p>Effective Date: 25/04/2013</p> <p>Modified: 10/07/2012</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Transferred</p> <p>Site Name: Smith Waste And Recycling Ltd</p> <p>Correspondence Address: -</p>
Not shown	1153	N	334100 393700	<p>Site Address: Land / Premises At, Bankhall Lane, Liverpool, L20 8EW</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: BSH003</p> <p>EPR reference: EA/EPR/AB3236RZ/A001</p> <p>Operator: Blue Skip Hire Ltd</p> <p>Waste Management licence No: 102994</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 24/06/2011</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: Blue Skip Hire</p> <p>Correspondence Address: -</p>
Not shown	1153	N	334100 393700	<p>Site Address: -</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SWS003</p> <p>EPR reference: -</p> <p>Operator: Shanks &amp; Mc Ewan Northern Ltd</p> <p>Waste Management licence No: 53605</p> <p>Annual Tonnage: 6250.0</p> <p>Issue Date: 29/03/1996</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: Shanks And Mc Ewan Northern Ltd</p> <p>Correspondence Address: 1, Jackson Street, Birkenhead, Merseyside, CH41 5DJ</p>
Not shown	1153	N	334100 393700	<p>Site Address: Canada Docks Goods Yard, Bankhall Lane, Bootle, Liverpool, Merseyside, L20 8EW</p> <p>Type: 75kte Metal Recycling Site</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: EUR093</p> <p>EPR reference: EA/EPR/CB3107UE/V003</p> <p>Operator: European Metals Recycling Limited</p> <p>Waste Management licence No: 53605</p> <p>Annual Tonnage: 80000.0</p> <p>Issue Date: 29/03/1996</p> <p>Effective Date: 22/10/2014</p> <p>Modified: 14/01/2016</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Canada Docks Goods Yard</p> <p>Correspondence Address: -</p>



ID	Distance (m)	Direction	NGR	Details
Not shown	1153	N	334100 393700	<p>Site Address: Land/premises At, Bankhall Lane, Bootle, Liverpool, Merseyside, L20 8EW</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: VEO054</p> <p>EPR reference: DP3793SG/T002</p> <p>Operator: Veolia E S ( U K) Ltd</p> <p>Waste Management licence No: 53605</p> <p>Annual Tonnage: 6250.0</p> <p>Issue Date: 29/03/1996</p> <p>Effective Date: 08/01/2009</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Transferred</p> <p>Site Name: Canada Dock Goods Yard</p> <p>Correspondence Address: -</p>
Not shown	1153	N	334100 393700	<p>Site Address: Blue Skip Hire Ltd, Bankhall Lane, Liverpool, Merseyside, L20 8EW</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: BSH003</p> <p>EPR reference: EA/EPR/AB3236RZ/V002</p> <p>Operator: Blue Skip Hire Limited</p> <p>Waste Management licence No: 102994</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 24/06/2011</p> <p>Effective Date: -</p> <p>Modified: 10/07/2012</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: Blue Skip Hire Ltd</p> <p>Correspondence Address: -</p>
Not shown	1153	N	334100 393700	<p>Site Address: -</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SHA016</p> <p>EPR reference: -</p> <p>Operator: Shanks Waste Management Limited</p> <p>Waste Management licence No: 53605</p> <p>Annual Tonnage: 6250.0</p> <p>Issue Date: 29/03/1996</p> <p>Effective Date: 10/03/2005</p> <p>Modified: -</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Transferred</p> <p>Site Name: Canada Dock Goods Yard</p> <p>Correspondence Address: Dunedin House, Auckland Park, Milton Keynes, Buckinghamshire, MK1 1BU</p>
Not shown	1153	N	334100 393700	<p>Site Address: Blue Skip Hire Ltd, Bankhall Lane, Liverpool, Merseyside, L20 8EW</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: BLU120</p> <p>EPR reference: EA/EPR/KB3633AK/T001</p> <p>Operator: Blue Waste Group Ltd</p> <p>Waste Management licence No: 102994</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 24/06/2011</p> <p>Effective Date: 25/10/2012</p> <p>Modified: 10/07/2012</p> <p>Surrendered Date: -</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Transferred</p> <p>Site Name: Bankhall Lane</p> <p>Correspondence Address: -</p>
Not shown	1153	N	334100 393700	<p>Site Address: Unit 1, Bankhall Lane, Liverpool, Merseyside, L20 8EW</p> <p>Type: 75kte HCl Waste TS + treatment</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SWR003</p> <p>EPR reference: EA/EPR/QB3033AS/T001</p> <p>Operator: Smith Waste And Recycling Ltd</p> <p>Waste Management licence No: 102994</p> <p>Annual Tonnage: 74999.0</p> <p>Issue Date: 24/06/2011</p> <p>Effective Date: 25/04/2013</p> <p>Modified: 10/07/2012</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Revoked</p> <p>Site Name: Smith Waste And Recycling Ltd</p> <p>Correspondence Address: -</p>
Not shown	1160	N	333708 393780	<p>Site Address: South Canada Dock, Branch 2, Regent Road, Liverpool, Merseyside, L20 1DQ</p> <p>Type: Metal Recycling Site (mixed MRS's)</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: SNO001</p> <p>EPR reference: EA/EPR/XP3292CQ/V002</p> <p>Operator: S Norton &amp; Co Ltd</p> <p>Waste Management licence No: 53455</p> <p>Annual Tonnage: 500000.0</p> <p>Issue Date: 04/06/1999</p> <p>Effective Date: -</p> <p>Modified: 06/10/2008</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Modified</p> <p>Site Name: S Norton &amp; Co Ltd</p> <p>Correspondence Address: -</p>



ID	Distance (m)	Direction	NGR	Details
Not shown	1172	NE	334417 393544	<p>Site Address: Land/premises At, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB</p> <p>Type: Household, Commercial &amp; Industrial Waste T Stn</p> <p>Size: &gt;= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: MER063</p> <p>EPR reference: EA/EPR/AB3539DF/V002</p> <p>Operator: M W M Recycling Ltd</p> <p>Waste Management licence No: 53440</p> <p>Annual Tonnage: 13333.0</p> <p>Issue Date: 15/12/1999</p> <p>Effective Date: 19/03/2012</p> <p>Modified: 02/12/2013</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Revoked</p> <p>Site Name: Land/premises At Redfern Street</p> <p>Correspondence Address: -</p>
Not shown	1173	NE	334340 393600	<p>Site Address: Land / Premises At, Redfern Street, Bootle, Merseyside, L20 8JB</p> <p>Type: 75kte Vehicle Depollution Facility</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: KEW002</p> <p>EPR reference: EA/EPR/EP3095VB/A001</p> <p>Operator: Mr Stephen Kewin &amp; Mrs Eileen Kewin</p> <p>Waste Management licence No: 101041</p> <p>Annual Tonnage: 0.0</p> <p>Issue Date: 08/09/2009</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 2.01102e+016</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Surrendered</p> <p>Site Name: Steve Kewin Trucks</p> <p>Correspondence Address: -</p>
Not shown	1196	NE	334399 393588	<p>Site Address: D W Classic Car Spares, Redfern Street, Liverpool, Merseyside, L20 8JB</p> <p>Type: Vehicle Depollution Facility &lt;5000 tps</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: WIL382</p> <p>EPR reference: EA/EPR/LB3237AT/A001</p> <p>Operator: Wilson Danny</p> <p>Waste Management licence No: 104726</p> <p>Annual Tonnage: 4999.0</p> <p>Issue Date: 08/11/2012</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: D W Classic Car Spares</p> <p>Correspondence Address: -</p>
Not shown	1207	NE	334400 393600	<p>Site Address: Land/premises At, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB</p> <p>Type: Metal Recycling Site (Vehicle Dismantler)</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: KEW003</p> <p>EPR reference: EA/EPR/WP3894CN/A001</p> <p>Operator: Ian Robert Kewin &amp; Michael Stephen Kewin</p> <p>Waste Management licence No: 50419</p> <p>Annual Tonnage: 2499.0</p> <p>Issue Date: 13/01/2006</p> <p>Effective Date: -</p> <p>Modified: -</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: Issued</p> <p>Site Name: I &amp; M Commercials</p> <p>Correspondence Address: -</p>
Not shown	1246	NE	334440 393620	<p>Site Address: Greenway Environmental Ltd, Redfern Street Waste Management Facility, Redfern Street, Bootle, Merseyside, L20 8JB</p> <p>Type: Physical Treatment Facility</p> <p>Size: &lt; 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: GRE384</p> <p>EPR reference: EA/EPR/GP3935KM/V004</p> <p>Operator: Greenway Environmental Ltd</p> <p>Waste Management licence No: 102527</p> <p>Annual Tonnage: 24999.0</p> <p>Issue Date: 02/03/2011</p> <p>Effective Date: -</p> <p>Modified: 03/02/2016</p> <p>Surrendered Date: 0</p> <p>Expiry Date: -</p> <p>Cancelled Date: -</p> <p>Status: To PPC</p> <p>Site Name: Redfern Street Waste Management Facility</p> <p>Correspondence Address: -</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1247	NE	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: - Operator: Veolia E S Onyx Limited Waste Management licence No: 50492 Annual Tonnage: 0.0	Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: Redfern Street, Bootle, Liverpool, L20 8JB
Not shown	1247	NE	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: EA/EPR/QP3894CK/A001 Operator: Veolia E S ( U K ) Ltd Waste Management licence No: 50492 Annual Tonnage: 1475.0	Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: To PPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: -
Not shown	1247	NE	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, L20 8JB Type: - Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: - Operator: Veolia E S Onyx Limited Waste Management licence No: 50492 Annual Tonnage: 0.0	Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: Redfern Street, Bootle, Liverpool, L20 8JB
Not shown	1247	NE	334441 393620	Site Address: Redfern Street, Bootle, Liverpool, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VRS001 EPR reference: - Operator: Veolia E S Uk Ltd Waste Management licence No: 50492 Annual Tonnage: 0.0	Issue Date: 31/08/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Redfern Street Waste Management Facility - P P C Correspondence Address: Redfern Street, Bootle, Liverpool, L20 8JB
Not shown	1248	NE	334439 393623	Site Address: Redfern Street Site, 1, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES002 EPR reference: EA/EPR/XP3696CE/T002 Operator: Veolia E S ( U K ) Ltd Waste Management licence No: 53718 Annual Tonnage: 417.0	Issue Date: 6/4/1992 Effective Date: 7/4/2006 Modified: 2/8/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1248	NE	334439 393623	Site Address: 1, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE268 EPR reference: EA/EPR/EP3297EV/T001 Operator: Greenway Environmental Ltd Waste Management licence No: 53718 Annual Tonnage: 417.0	Issue Date: 04/06/1992 Effective Date: 08/12/2009 Modified: 08/02/2002 Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: -

ID	Distance (m)	Direction	NGR	Details	
Not shown	1248	NE	334439 393623	Site Address: Redfern Street, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES002 EPR reference: - Operator: Veolia E S Onyx Waste Management licence No: 53718 Annual Tonnage: 417.0	Issue Date: 04/06/1992 Effective Date: 04/07/2006 Modified: 08/02/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1248	NE	334439 393623	Site Address: Redfern Street Site, 1, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES002 EPR reference: - Operator: Veolia E S Uk Ltd Waste Management licence No: 53718 Annual Tonnage: 417.0	Issue Date: 04/06/1992 Effective Date: 04/07/2006 Modified: 08/02/2002 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Redfern Street Site Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1253	SE	334500 391500	Site Address: Blackstock Street, Liverpool, Merseyside, L3 6ET Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEL001 EPR reference: EA/EPR/HP3396CW/S002 Operator: Caird Enviromental Ltd Waste Management licence No: 53752 Annual Tonnage: 50000.0	Issue Date: 12/06/1989 Effective Date: - Modified: - Surrendered Date: 2.00309e+016 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Caird Environmental Ltd Correspondence Address: -
Not shown	1268	NE	334500 393600	Site Address: Land/premises At, Redfern Street, Bootle, Liverpool, Merseyside, L20 8JB Type: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CBU001 EPR reference: EA/EPR/UP3092CV/T003 Operator: Clydemorn Ltd Waste Management licence No: 53440 Annual Tonnage: 13333.0	Issue Date: 15/12/1999 Effective Date: 08/10/2004 Modified: 13/06/2001 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Mersey Waste Management Correspondence Address: -
Not shown	1310	NE	334414 393716	Site Address: The Old Railway Sidings, Bankhall Street, Liverpool, Merseyside, L20 8JD Type: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BA 001 EPR reference: EA/EPR/AP3998CS/A001 Operator: Barry Flanagan & Gerard Flanagan Waste Management licence No: 50094 Annual Tonnage: 6250.0	Issue Date: 28/03/2002 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued Site Name: Barrys Skip Hire Correspondence Address: -

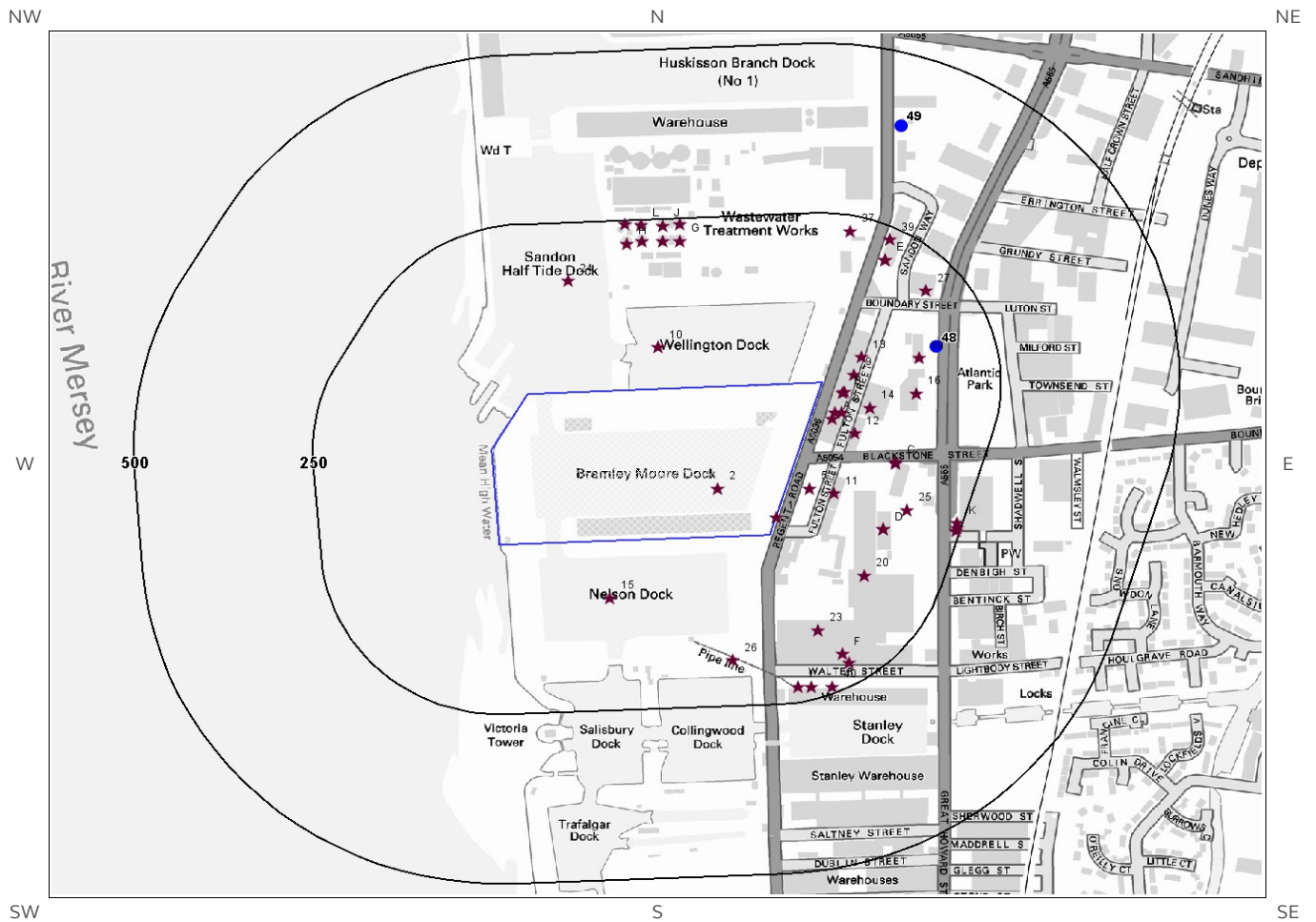
ID	Distance (m)	Direction	NGR	Details	
Not shown	1313	N	333790 393930	Site Address: Warehouse Premises, Brunswick Place, Liverpool, Merseyside, L20 8DT Type: ELV Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SWA002 EPR reference: EA/EPR/UP3094CD/A001 Operator: Swann Anita Waste Management licence No: 50273 Annual Tonnage: 2500.0	Issue Date: 17/11/2004 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued Site Name: One Offs - Vehicle Dismantler Correspondence Address: -
Not shown	1325	SE	334600 391500	Site Address: 41, Blackstock Street, Liverpool, Merseyside, L3 6EP Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WFD001 EPR reference: EA/EPR/SP3291CV/A001 Operator: W F Doyle & Co Ltd Waste Management licence No: 53938 Annual Tonnage: 25000.0	Issue Date: 18/04/1990 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: 31/10/1994 Cancelled Date: - Status: Issued Site Name: W F Doyle & Co Ltd Correspondence Address: -
Not shown	1346	SE	334377 391280	Site Address: 11, Naylor Street, Liverpool, Merseyside, L3 6DR Type: Vehicle Depollution Facility <5000 tps Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MOO064 EPR reference: EA/EPR/CB3806SB/A001 Operator: Moore Anthony Waste Management licence No: 402340 Annual Tonnage: 5000.0	Issue Date: 29/04/2015 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued Site Name: Kall Autos Correspondence Address: -
Not shown	1384	N	333800 394000	Site Address: - Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEL002 EPR reference: - Operator: Caird Environmental Ltd Waste Management licence No: 53527 Annual Tonnage: 6250.0	Issue Date: 30/01/1997 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Caird Environmental Ltd Correspondence Address: Dunedin House, Auckland Park, Bletchley, Milton Keynes, Bucks, MK1 1BU
Not shown	1406	N	333861 394016	Site Address: Unit 3, Dunnett Street, Bootle, Liverpool, Merseyside, L20 8DR Type: Metal Recycling Site (Vehicle Dismantler) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SWA003 EPR reference: EA/EPR/EP3394CH/A001 Operator: Swann Stephen Waste Management licence No: 50391 Annual Tonnage: 2500.0	Issue Date: 05/12/2005 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued Site Name: Dunnett Street E L V Correspondence Address: -
Not shown	1420	N	333730 394040	Site Address: Lower Bank View, Bootle, Merseyside, L20 8PT Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LBV001 EPR reference: EA/EPR/QP3494CP/A001 Operator: Veolia E S ( U K ) Ltd Waste Management licence No: 50493 Annual Tonnage: 1800.0	Issue Date: 28/09/2006 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: To PPC Site Name: Lower Bank View Waste Correspondence Address: -

ID	Distance (m)	Direction	NGR	Details	
Not shown	1420	N	333730 394040	Site Address: 2, Lower Bank View, Liverpool, Merseyside, L20 8PT Type: Special Waste Transfer Station Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES001 EPR reference: EA/EPR/ZP3592CG/T002 Operator: Veolia E S ( U K ) Ltd Waste Management licence No: 53527 Annual Tonnage: 6250.0	Issue Date: 1/30/1997 Effective Date: 7/4/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Liverpool Treatment Centre Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1420	N	333730 394040	Site Address: 2, Lower Bank View, Liverpool, Merseyside, L20 8PT Type: Special Waste Transfer Station Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES001 EPR reference: - Operator: Veolia E S Onyx Waste Management licence No: 53527 Annual Tonnage: 6250.0	Issue Date: 30/01/1997 Effective Date: 04/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Liverpool Treatment Centre Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1420	N	333730 394040	Site Address: 2, Lower Bank View, Liverpool, Merseyside, L20 8PT Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES001 EPR reference: EA/EPR/ZP3592CG/T002 Operator: Veolia E S ( U K ) Ltd Waste Management licence No: 53527 Annual Tonnage: 6250.0	Issue Date: 30/01/1997 Effective Date: 04/07/2006 Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Liverpool Treatment Centre Correspondence Address: -
Not shown	1420	N	333730 394040	Site Address: Lower Bank View, Bootle, Liverpool, L20 8PT Type: - Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LBV001 EPR reference: - Operator: Veolia E S Onyx Ltd Waste Management licence No: 50493 Annual Tonnage: 0.0	Issue Date: 28/09/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Lower Bank View Waste Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1420	N	333730 394040	Site Address: Lower Bank View, Bootle, Liverpool, L20 8PT Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LBV001 EPR reference: - Operator: Veolia E S Onyx Ltd Waste Management licence No: 50493 Annual Tonnage: 0.0	Issue Date: 28/09/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Lower Bank View Waste Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1420	N	333730 394040	Site Address: 2, Lower Bank View, Liverpool, Merseyside, L20 8PT Type: Special Waste Transfer Station Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES001 EPR reference: - Operator: Veolia E S Uk Ltf Waste Management licence No: 53527 Annual Tonnage: 6250.0	Issue Date: 30/01/1997 Effective Date: 04/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Liverpool Treatment Centre Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE

ID	Distance (m)	Direction	NGR	Details	
Not shown	1420	N	333730 394040	Site Address: Lower Bank View, Bootle, Liverpool, L20 8PT Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LBV001 EPR reference: - Operator: Veolia E S Uk Ltd Waste Management licence No: 50493 Annual Tonnage: 0.0	Issue Date: 28/09/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC Site Name: Lower Bank View Waste Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1420	N	333730 394040	Site Address: Junction Of Regent Road &, Lower Bank View, Liverpool, L20 8PT Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SCS001 EPR reference: - Operator: Shanks Chemical Services Ltd Waste Management licence No: 53527 Annual Tonnage: 6250.0	Issue Date: 30/01/1997 Effective Date: 27/04/2005 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Liverpool Treatment Centre Correspondence Address: Junction Of Regent Road &, Lower Bank View, Liverpool, L20 8PT
Not shown	1420	N	333730 394040	Site Address: 2, Lower Bank View, Liverpool, Merseyside, L20 8PT Type: Physico-Chemical Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VES001 EPR reference: - Operator: Veolia E S Onyx Waste Management licence No: 53527 Annual Tonnage: 6250.0	Issue Date: 30/01/1997 Effective Date: 04/07/2006 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Liverpool Treatment Centre Correspondence Address: Veolia House, 154 A, Pentonville Road, London, N1 9PE
Not shown	1435	N	333682 394055	Site Address: South Canada Dock 3, Off Regent Road, Liverpool, Merseyside, L20 8RQ Type: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: NOR279 EPR reference: EA/EPR/CP3193VY/A001 Operator: S Norton & Co Ltd Waste Management licence No: 100918 Annual Tonnage: 74999.0	Issue Date: 07/09/2009 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued Site Name: S Norton & Co Ltd Correspondence Address: -
Not shown	1490	N	333751 394109	Site Address: Recycling Facility, 186, Regent Road, Liverpool, Merseyside, L20 8PT Type: Treatment of waste to produce soil Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PPO007 EPR reference: EA/EPR/DB3709LQ/A001 Operator: P P O Connor Ltd Waste Management licence No: 403025 Annual Tonnage: 74999.0	Issue Date: 22/01/2016 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued Site Name: Recycling Facility 186 Regent Road Correspondence Address: -



## 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:

47

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0	On Site	Electricity Sub Station	333632 392422	L3	Electrical Features	Infrastructure and Facilities
2	0	On Site	Bramley Moore Dock	333550 392465	L3	Marine Equipment Including Boats and Ships	Industrial Products
3A	29	E	Warehouse	333710 392568	L5	Container and Storage	Transport, Storage and Delivery
4A	30	E	Warehouse	333714 392577	L5	Container and Storage	Transport, Storage and Delivery
5	30	E	Electricity Sub Station	333678 392465	L5	Electrical Features	Infrastructure and Facilities
6B	32	E	Works	333725 392606	L5	Unspecified Works Or Factories	Industrial Features
7B	33	E	Fluid Power	333727 392608	71-73 Regent Road, Kirkdale, Liverpool, L5 9SY	Hydraulic Engineers	Engineering Services
8	39	E	Metro Tyres Ltd	333723 392577	68, Regent Road, Kirkdale, Liverpool, L5 9SY	Vehicle Parts and Accessories	Motoring
9	47	E	Electricity Sub Station	333741 392633	L5	Electrical Features	Infrastructure and Facilities
10	62	N	Wellington Dock	333467 392673	L3	Marine Equipment Including Boats and Ships	Industrial Products
11	65	E	Depot	333712 392458	L5	Container and Storage	Transport, Storage and Delivery
12	67	E	Associated Haulage	333742 392546	9, Blackstone Street, Liverpool, L5 9TY	Distribution and Haulage	Transport, Storage and Delivery
13	67	NE	Rewinds & J Windsor	333750 392658	81, Regent Road, Kirkdale, Liverpool, L5 9SY	Electrical Motors and Generators	Industrial Products
14	75	E	Circle	333763 392584	Blackstone Street, Liverpool, L5 9TY	Recycling, Reclamation and Disposal	Recycling Services
15	84	S	Nelson Dock	333400 392304	L3	Marine Equipment Including Boats and Ships	Industrial Products
16	132	E	Aalco Metals Ltd	333827 392604	201-207, Great Howard Street, Liverpool, L5 9ZH	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
17C	134	E	Electricity Sub Station	333799 392504	L5	Electrical Features	Infrastructure and Facilities
18C	134	E	Electricity Sub Station	333799 392502	L5	Electrical Features	Infrastructure and Facilities
19	140	E	Liverpool Piaggio	333831 392657	209, Great Howard Street, Liverpool, L5 9ZH	New Vehicles	Motoring



ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
20	144	SE	Warehouse	333755 392337	L5	Container and Storage	Transport, Storage and Delivery
21D	147	E	Armet Logistics Ltd	333781 392405	199, Great Howard Street, Liverpool, L5 9SD	Distribution and Haulage	Transport, Storage and Delivery
22D	147	E	Liverpool Wood Pellets	333781 392405	199, Great Howard Street, Liverpool, L5 9SD	Electronic Equipment	Industrial Products
23	155	SE	Works	333690 392256	L5	Unspecified Works Or Factories	Industrial Features
24	165	N	Sandon Half Tide Dock	333341 392771	L3	Marine Equipment Including Boats and Ships	Industrial Products
25	171	E	Depot	333815 392433	L5	Container and Storage	Transport, Storage and Delivery
26	182	S	Pipeline	333571 392212	L3	Pipelines	Industrial Features
27	199	NE	Euro Car Parts	333841 392756	Unit 2 Sandon Industrial Estate, Sandon Way, Liverpool, L5 9YN	Vehicle Parts and Accessories	Motoring
28F	202	SE	Depot	333724 392221	L5	Container and Storage	Transport, Storage and Delivery
29E	202	NE	National Windscreens	333783 392801	Unit 1 Sandon Industrial Estate, Sandon Way, Liverpool, L5 9YN	Vehicle Repair, Testing and Servicing	Repair and Servicing
30E	202	NE	Scrap a Car (Liverpool)	333783 392801	Unit 1 Sandon Industrial Estate, Sandon Way, Liverpool, L5 9YN	Vehicle Components	Industrial Products
31H	216	N	Tank	333423 392826	L3	Tanks (Generic)	Industrial Features
32G	218	N	Tank	333497 392830	L3	Tanks (Generic)	Industrial Features
33F	218	SE	Electricity Sub Station	333734 392208	L5	Electrical Features	Infrastructure and Facilities
34G	218	N	Tank	333474 392830	L3	Tanks (Generic)	Industrial Features
35H	219	N	Tank	333444 392829	L3	Tanks (Generic)	Industrial Features
36I	226	S	Crane	333663 392173	L3	Travelling Cranes and Gantries	Industrial Features
37	227	N	Electricity Sub Station	333735 392844	L3	Electrical Features	Infrastructure and Facilities
38I	231	S	Crane	333681 392172	L3	Travelling Cranes and Gantries	Industrial Features
39	232	NE	Gallagher Autos Ltd	333791 392831	Unit 5 Sandon Industrial Estate, Sandon Way, Liverpool, L5 9YN	Vehicle Repair, Testing and Servicing	Repair and Servicing
40	239	S	Crane	333710 392173	L3	Travelling Cranes and Gantries	Industrial Features
41J	240	N	Tank	333474 392852	L3	Tanks (Generic)	Industrial Features
42K	242	E	Electricity Sub Station	333884 392414	L5	Electrical Features	Infrastructure and Facilities
43J	243	N	Tank	333497 392855	L3	Tanks (Generic)	Industrial Features
44L	243	N	Tank	333443 392853	L3	Tanks (Generic)	Industrial Features

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
45K	244	E	Gas Valve Compound	333884 392407	L5	Gas Features	Infrastructure and Facilities
46K	244	E	Gas Valve Compound	333883 392403	L5	Gas Features	Infrastructure and Facilities
47L	246	N	Tank	333421 392855	L3	Tanks (Generic)	Industrial Features

## 4.2 Petrol and Fuel Sites

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

2

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
48	168	E	333855 392673	Total	Howard Service Station, Great Howard Street, Great Howard Street, Liverpool, Merseyside, L5 9ZH	Not Applicable	Obsolete
49	395	N	333806 392999	Unbranded	Quay Fuels Hgv, 157, Regent Road, Regent Road, Kirkdale, Liverpool, Merseyside, L5 9TF	Not Applicable	Non-Retail

## 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:

0

Database searched and no data found.

#### 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

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

Lex Code	Description	Rock Type
MGR-MGRD	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

## 5.2 Superficial Ground and Drift Geology

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

Lex Code	Description	Rock Type
TFD	TIDAL FLAT DEPOSITS	CLAY, SILTY, SANDY [UNLITHIFIED DEPOSITS CODING SCHEME]

## 5.3 Bedrock and Solid Geology

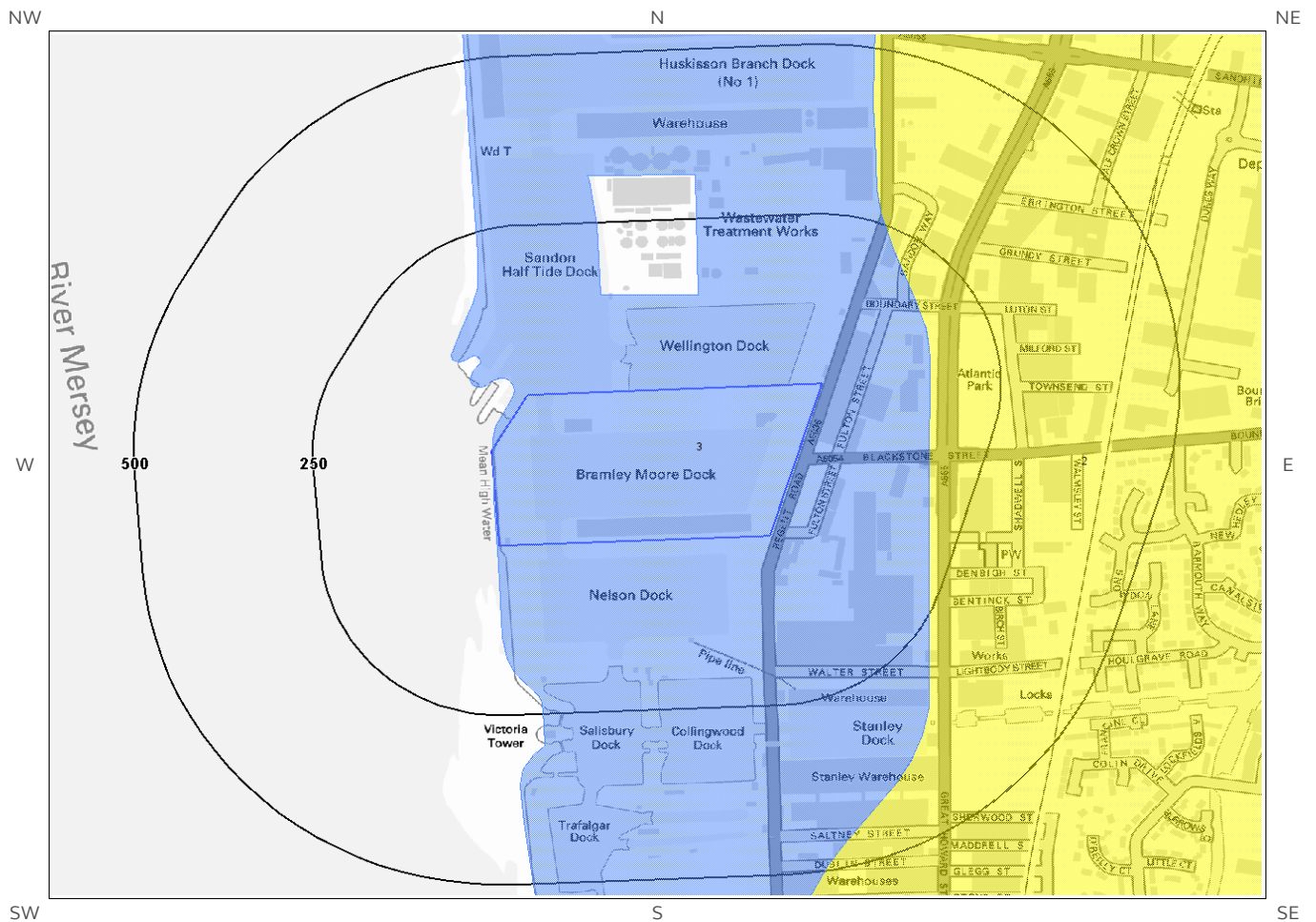
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
CPB-PESST	CHESTER PEBBLE BEDS FORMATION	SANDSTONE, PEBBLY (GRAVELLY)
WLSF-SDST	WILMSLOW SANDSTONE FORMATION	SANDSTONE

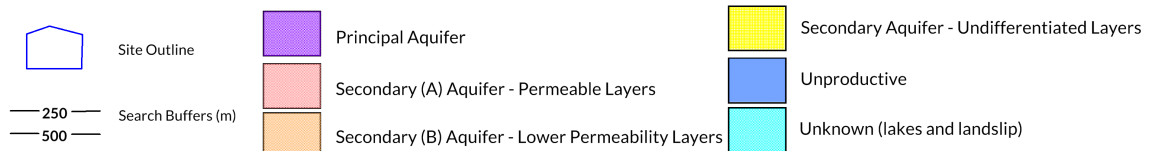
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

# 6 Hydrogeology and Hydrology

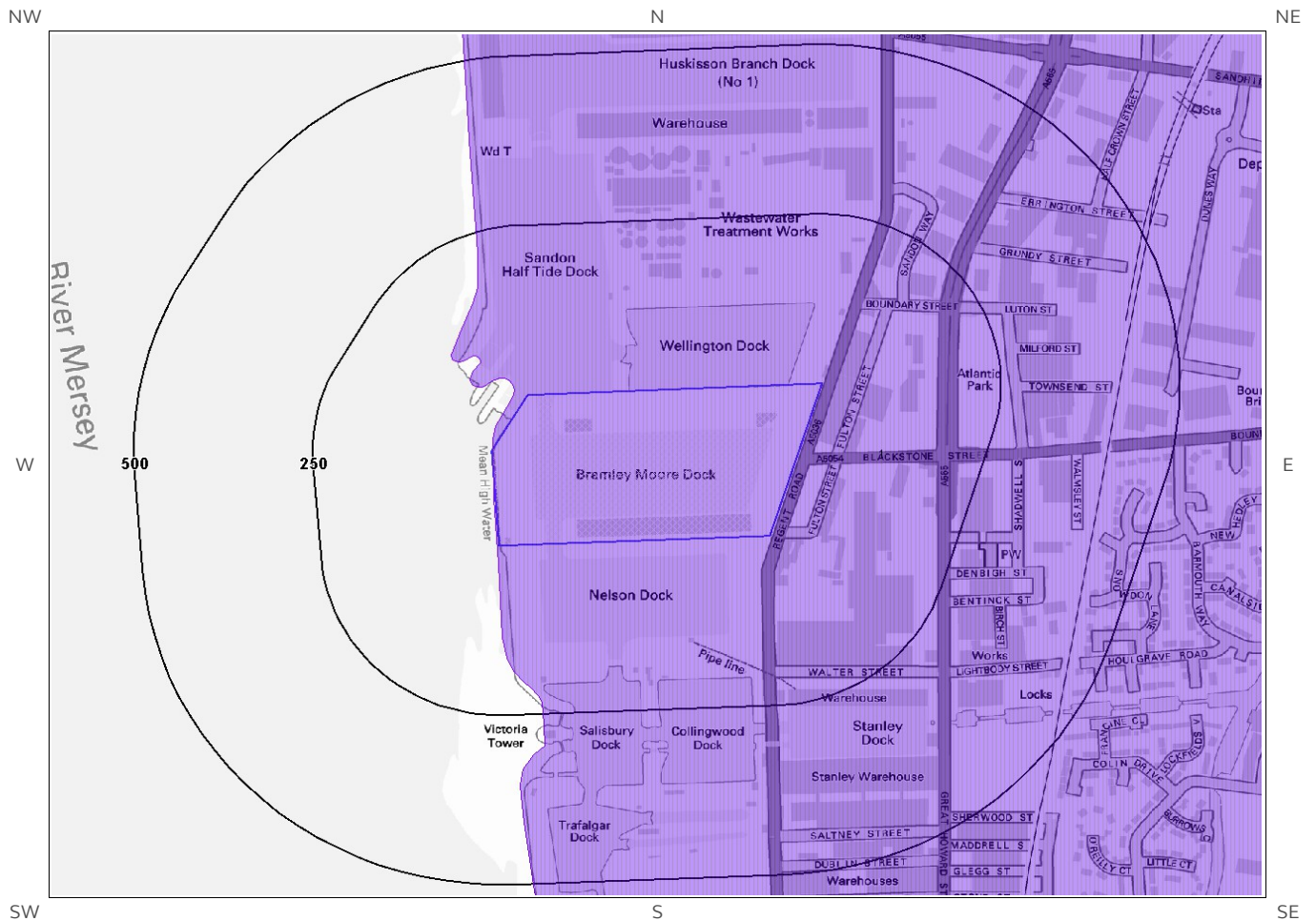
## 6a. Aquifer Within Superficial Geology



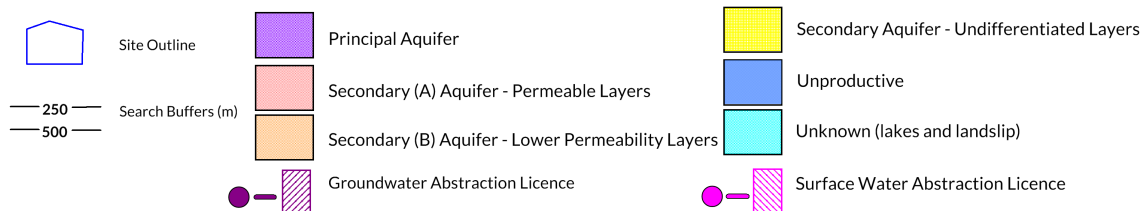
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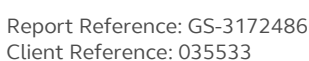
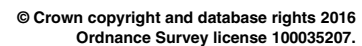
# 6b. Aquifer Within Bedrock Geology and Abstraction Licenses



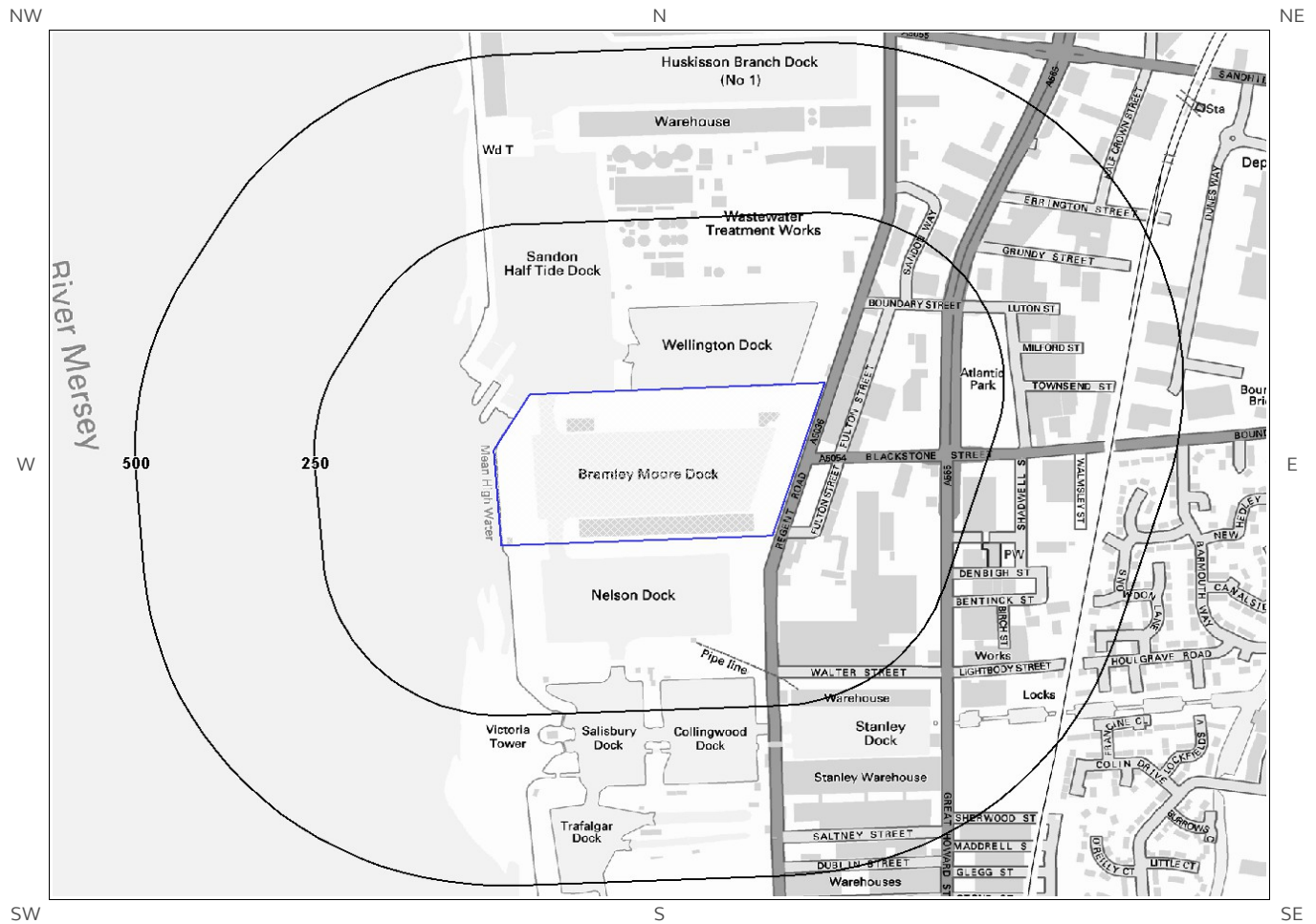
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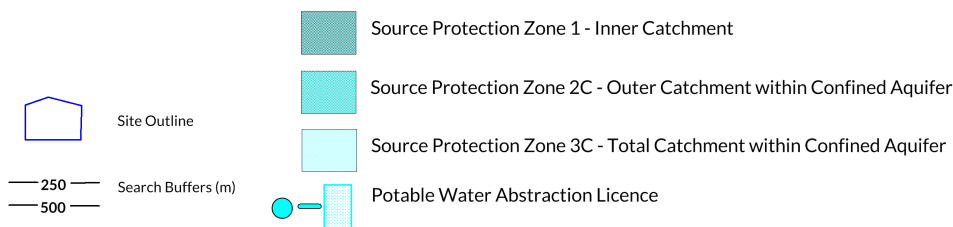




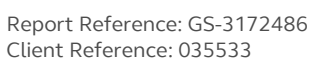
# 6d. Hydrogeology – Source Protection Zones within confined aquifer



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# 6. Hydrogeology and Hydrology

## 6.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? **Yes**

From 1 April 2010, the Environment Agency'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
3	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
2	151	E	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

## 6.2 Aquifer within Bedrock Deposits

Are there records of strata classification within the bedrock geology at or in proximity to the property? **Yes**

From 1 April 2010, the Environment Agency'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
1	0	On Site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

## 6.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site?

Yes

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	1263	SE	334400 391400	<p>Status: Historical Licence No: 2569030057 Details: General Washing/Process Washing Direct Source: Ground Water - North West Region Point: Borehole At 23 Blackstock Street, Liverpool Data Type: Point Name: DOWNLAND BEDDING COMPANY LTD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 2844 Original Start Date: 17/1/1992 Expiry Date: - Issue No: 100 Version Start Date: 11/4/1994 Version End Date:</p>
Not shown	1409	SE	334630 391410	<p>Status: Historical Licence No: 2569030032 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "borehole At Blackstock Street, Liverpool" Data Type: Point Name: W F DOYLE &amp; CO LTD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 1039 Original Start Date: 3/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/12/1995 Version End Date:</p>
Not shown	1409	SE	334630 391410	<p>Status: Historical Licence No: 2569030032 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: Borehole At Blackstock Street, Liverpool Data Type: Point Name: W F DOYLE &amp; CO LTD</p> <p>Annual Volume (m³): 299905 Max Daily Volume (m³): 2182 Original Application No: 1039 Original Start Date: 3/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/12/1995 Version End Date:</p>
Not shown	1409	SE	334630 391410	<p>Status: Historical Licence No: 2569030032 Details: General Washing/Process Washing Direct Source: Ground Water - North West Region Point: "borehole At Blackstock Street, Liverpool" Data Type: Point Name: W F DOYLE &amp; CO LTD</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 1039 Original Start Date: 3/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/12/1995 Version End Date:</p>
Not shown	1409	SE	334630 391410	<p>Status: Historical Licence No: 2569030032 Details: General Washing/Process Washing Direct Source: Ground Water - North West Region Point: Borehole At Blackstock Street, Liverpool Data Type: Point Name: W F DOYLE &amp; CO LTD</p> <p>Annual Volume (m³): 299905 Max Daily Volume (m³): 2182 Original Application No: 1039 Original Start Date: 3/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/12/1995 Version End Date:</p>
Not shown	1409	SE	334630 391410	<p>Status: Historical Licence No: 2569030032 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: Borehole At Blackstock Street, Liverpool Data Type: Point Name: W F DOYLE &amp; CO LTD</p> <p>Annual Volume (m³): 299905 Max Daily Volume (m³): 2182 Original Application No: 1039 Original Start Date: 3/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/12/1995 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1409	SE	334630 391410	Status: Historical Licence No: 2569030032 Details: Dust suppression Direct Source: Ground Water - North West Region Point: "borehole At Blackstock Street, Liverpool" Data Type: Point Name: W F DOYLE & CO LTD	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 1039 Original Start Date: 3/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/12/1995 Version End Date:
Not shown	1503	S	334011 390944	Status: Historical Licence No: 2569030066/R01 Details: Heat Pump Direct Source: Ground Water - North West Region Point: Bh(c) At St Paul's Square Off Old Hall St Liverpool L3 9sy Data Type: Point Name: ECF (GENERAL PARTNER) LTD	Annual Volume (m³): 340000 Max Daily Volume (m³): 1700 Original Application No: NPS/WR/017597 Original Start Date: 1/4/2015 Expiry Date: 31/3/2028 Issue No: 1 Version Start Date: 1/4/2015 Version End Date:
Not shown	1504	S	334000 390940	Status: Historical Licence No: 2569030066 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: Bh(b) At St Paul's Square Off Old Hall St Liverpool L3 9sy Data Type: Point Name: ECF (GENERAL PARTNER) LTD	Annual Volume (m³): 340000 Max Daily Volume (m³): 1700 Original Application No: 7563 Original Start Date: 10/8/2006 Expiry Date: 31/3/2015 Issue No: 1 Version Start Date: 10/8/2006 Version End Date:
Not shown	1506	S	334010 390940	Status: Historical Licence No: 2569030066 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: Bh(c) At St Paul's Square Off Old Hall St Liverpool L3 9sy Data Type: Point Name: ECF (GENERAL PARTNER) LTD	Annual Volume (m³): 340000 Max Daily Volume (m³): 1700 Original Application No: 7563 Original Start Date: 10/8/2006 Expiry Date: 31/3/2015 Issue No: 1 Version Start Date: 10/8/2006 Version End Date:
Not shown	1509	S	334002 390935	Status: Historical Licence No: 2569030066/R01 Details: Heat Pump Direct Source: Ground Water - North West Region Point: Bh(b) At St Paul's Square Off Old Hall St Liverpool L3 9sy Data Type: Point Name: ECF (GENERAL PARTNER) LTD	Annual Volume (m³): 340000 Max Daily Volume (m³): 1700 Original Application No: NPS/WR/017597 Original Start Date: 1/4/2015 Expiry Date: 31/3/2028 Issue No: 1 Version Start Date: 1/4/2015 Version End Date:
Not shown	1709	S	333848 390702	Status: Historical Licence No: 2569030065R01 Details: Heat Pump Direct Source: Ground Water - North West Region Point: Pipeline At Georges Dock Pumping Station, Mann Island Lpool Data Type: Point Name: TRINITY MIRROR PLC	Annual Volume (m³): 2300000 Max Daily Volume (m³): 6301 Original Application No: NPS/WR/018830 Original Start Date: 14/4/2015 Expiry Date: 31/3/2028 Issue No: 1 Version Start Date: 14/4/2015 Version End Date:
Not shown	1709	S	333848 390702	Status: Historical Licence No: 2569030065R01 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: Pipeline At Georges Dock Pumping Station, Mann Island Lpool Data Type: Point Name: TRINITY MIRROR PLC	Annual Volume (m³): 2300000 Max Daily Volume (m³): 6301 Original Application No: NPS/WR/018830 Original Start Date: 14/4/2015 Expiry Date: 31/3/2028 Issue No: 1 Version Start Date: 14/4/2015 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1710	S	333840 390700	Status: Historical Licence No: 2569030065 Details: Heat Pump Direct Source: Ground Water - North West Region Point: Pipeline At Georges Dock Pumping Station, Mann Island Lpool Data Type: Point Name: TRINITY MIRROR PLC Annual Volume (m³): 2300000 Max Daily Volume (m³): 6301.5 Original Application No: 7538 Original Start Date: 28/4/2004 Expiry Date: - Issue No: 1 Version Start Date: 28/4/2004 Version End Date:
Not shown	1710	S	333840 390700	Status: Historical Licence No: 2569030065 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: Pipeline At Georges Dock Pumping Station, Mann Island Lpool Data Type: Point Name: TRINITY MIRROR PLC Annual Volume (m³): 2300000 Max Daily Volume (m³): 6301.5 Original Application No: 7538 Original Start Date: 28/4/2004 Expiry Date: - Issue No: 1 Version Start Date: 28/4/2004 Version End Date:

## 6.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 2000m of the study site? No

Database searched and no data found.

## 6.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site? No

Database searched and no data found.

## 6.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site? No

Database searched and no data found.

## 6.7 Source Protection Zones within Confined Aquifer

Are there any Source Protection Zones within the Confined Aquifer within 500m of the study site? No

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

Is there any Environment Agency information on groundwater vulnerability and soil leaching potential within 500m of the study site? Yes

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.
298	S	Major 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

Is there any Environment Agency information on river quality within 1500m of the study site? Yes

### 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
9	405	SE	333900 392100	River Name: Leeds/Liverpool Canal Reach: Liverpool Docks To Warehouse Halsall End/Start of Stretch: Start of Stretch NGR	B	C	B	C	C

## 6.10 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site? Yes

The following Detailed River Network records are represented on the Hydrology Map (6e):

ID	Distance (m)	Direction	Details	
1	253	S	River Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Main River Status: Currently Undefined
2	257	S	River Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Main River Status: Currently Undefined
3	259	S	River Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Main River Status: Currently Undefined
4	357	SE	River Name: Leeds and Liverpool Canal Welsh River Name: - Alternative Name: -	River Type: Canal Main River Status: Currently Undefined

## 6.11 Surface Water Features

Are there any surface water features within 250m of the study site?

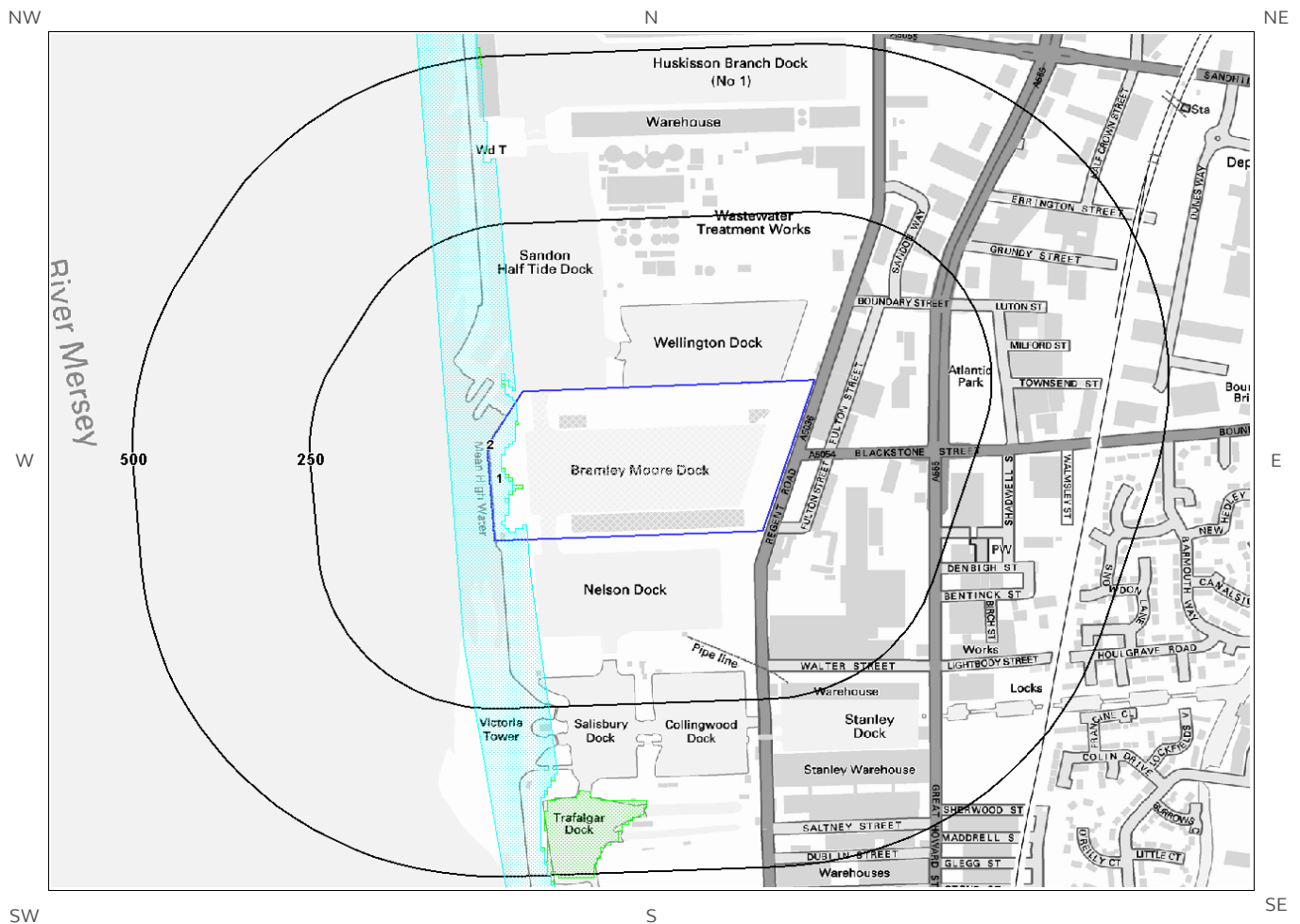
Yes

The following surface water records are not represented on mapping:

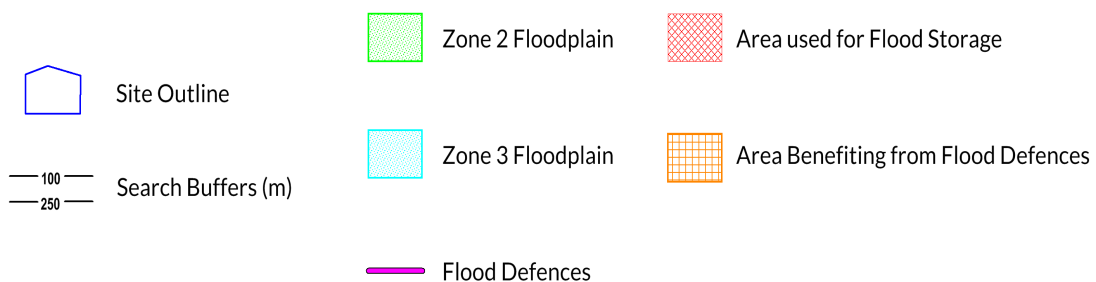
Distance (m)	Direction
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
0	On Site
41	NW
65	NW
183	S



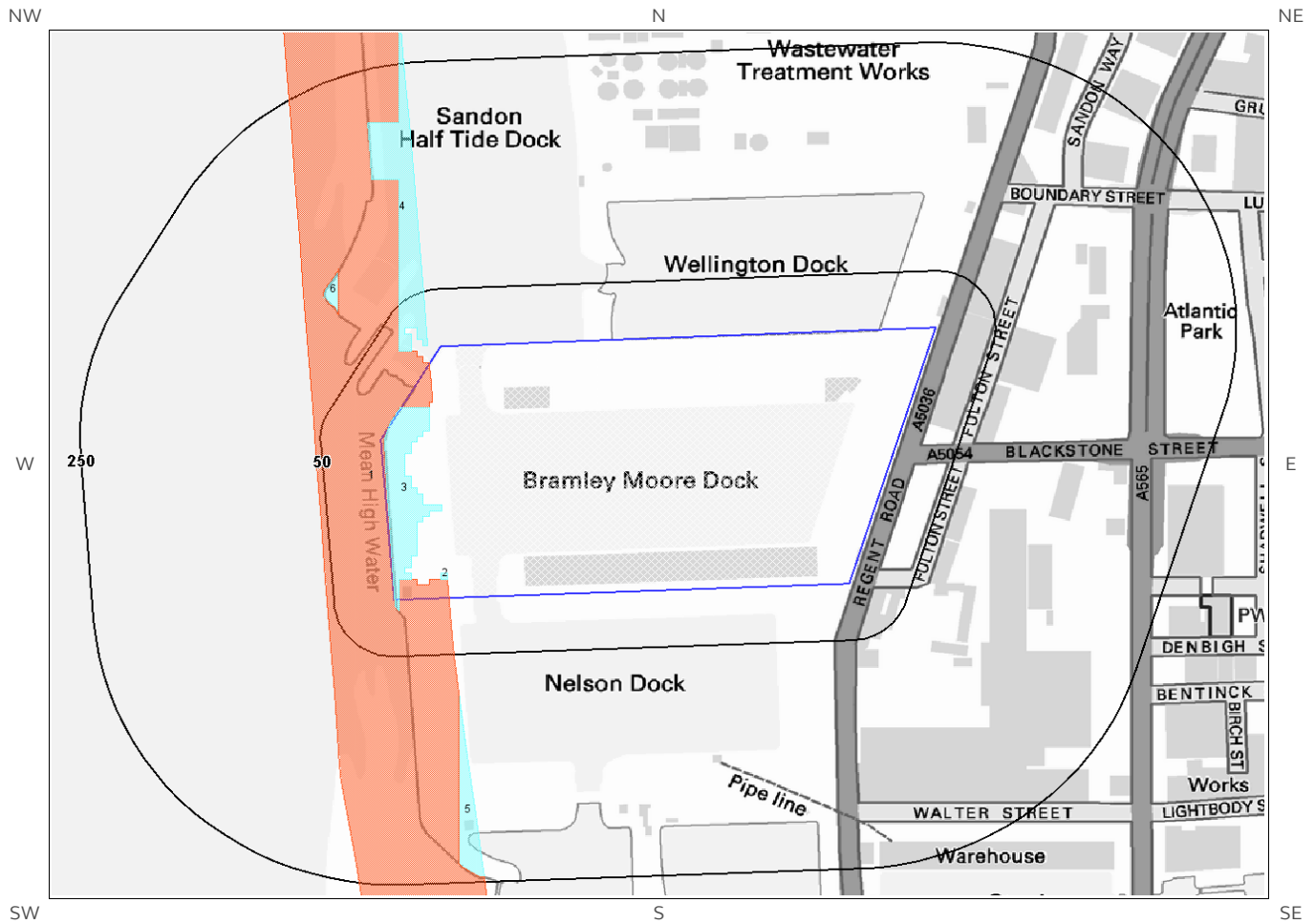
# 7a. Environment Agency Flood Map for Planning (from rivers and the sea)



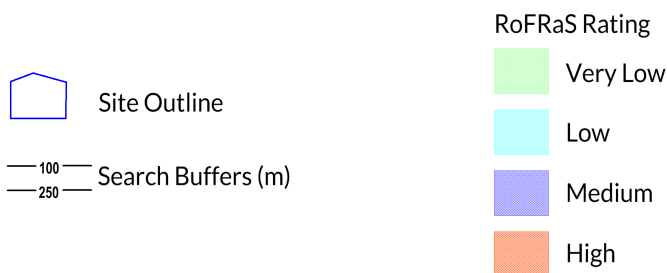
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# 7b. Environment Agency Risk of Flooding from Rivers and the Sea (RoFRaS) Map



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# 7 Flooding

## 7.1 River and Coastal Zone 2 Flooding

Is the site within 250m of an Environment Agency Zone 2 floodplain? Yes

Environment Agency 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
1	0	On Site	01-Jul-2016	Zone 2 - (Fluvial /Tidal Models)

## 7.2 River and Coastal Zone 3 Flooding

Is the site within 250m of an Environment Agency Zone 3 floodplain? Yes

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
1	0	On Site	01-Jul-2016	Zone 3 - (Fluvial Models)

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

What is the highest risk of flooding onsite? High

The Environment Agency 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 High (1 in 30 or greater) 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	High
2	0.0	On Site	Low

3	0.0	On Site	Low
4	10.0	NW	Low

---

## 7.4 Flood Defences

Are there any Flood Defences within 250m of the study site? No  
Database searched and no data found.

---

## 7.5 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? No

---

## 7.6 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site? No

---

## 7.7 Groundwater Flooding Susceptibility Areas

7.7.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site? No

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 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Not Prone

The area is not considered to be prone to groundwater flooding based on rock type.

---

## 7.8 Groundwater Flooding Confidence Areas

What is the British Geological Survey confidence rating in this result? Not Applicable

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

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? Yes

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

2

The following Site of Special Scientific Interest (SSSI) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SSSI Name	Data Source
2	1156	W	Mersey Narrows	Natural England
Not shown	1723	S	Mersey Narrows	Natural England

## 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:

1

The following Special Protection Area (SPA) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SPA Name	Data Source
1A	1156	W	Mersey Narrows & North Wirral Foreshore	Natural England

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

1

The following Ramsar records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	Ramsar Site Name	Ramsar Site Status	Data Source
4A	1156	W	Mersey Narrows & North Wirral Foreshore	Listed	Natural England

## 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:

0

Database searched and no data found.

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

2

The following World Heritage Site records provided by English Heritage and Cadw are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	World Heritage Site Name	Data Source
5	0	On Site	Liverpool - Maritime Mercantile City Buffer Zone	English Heritage
6	0	On Site	Liverpool - Maritime Mercantile City	English Heritage

## 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:

0

Database searched and no data found.

---

#### 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

What is the maximum Shrink-Swell\* 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
Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

### 9.1.2 Landslides

What is the 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

What is the 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

What is the maximum Compressible Ground\* hazard rating identified on the study site? Moderate

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

Hazard
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. Extra construction costs are likely. For existing property possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

### 9.1.5 Collapsible Rocks

What is the maximum Collapsible 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
No indicators for collapsible deposits identified. No actions required to avoid problems due to collapsible deposits. 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

What is the maximum Running Sand\*\* 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
Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

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

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

### 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

Are there any coal mining areas within 75m of the study site? No

Database searched and no data found.

---

## 10.2 Non-Coal Mining

Are there any Non-Coal Mining areas within 50m of the study site boundary? No

Database searched and no data found.

---

## 10.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site? No

Guidance: No Guidance Required.

---

# Contact Details

**Groundsure Helpline**  
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Main switchboard: 020 7654 8000

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**Gemapping PLC**  
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Tel: 01252 845444



**Public Health England**



**The Coal Authority**



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 who retain the Copyright and Intellectual Property Rights for the data.

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## Standard Terms and Conditions

### 1 Definitions

In these terms and conditions unless the context otherwise requires:

**“Beneficiary”** means the person or entity for whose benefit the Client has obtained the Services.

**“Client”** means the party or parties entering into a Contract with Groundsure.

**“Commercial”** means any building or property which is not Residential.

**“Confidential Information”** means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by Groundsure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

**“Support Services”** means Support Services provided by Groundsure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

**“Contract”** means the contract between Groundsure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

**“Third Party Data Provider”** means any third party providing Third Party Content to Groundsure.

**“Data Reports”** means reports comprising factual data with no accompanying interpretation.

**“Fees”** has the meaning set out in clause 5.1.

**“Groundsure”** means Groundsure Limited, a company registered in England and Wales under number 03421028.

**“Groundsure Materials”** means all materials prepared by Groundsure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

**“Intellectual Property”** means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

**“Mapping”** means a map, map data or a combination of historical maps of various ages, time periods and scales.

**“Order”** means an electronic, written or other order form submitted by the Client requesting Services from Groundsure in respect of a specified Site.

**“Ordnance Survey”** means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

**“Order Website”** means the online platform through which Orders may be placed by the Client and accepted by Groundsure.

**“Report”** means a Risk Screening Report or Data Report for Commercial or Residential property.

**“Residential”** means any building or property used as or intended to be used as a single dwelling.

**“Risk Screening Report”** means a risk screening report comprising factual data with an accompanying interpretation by Groundsure.

**“Services”** means any Report, Mapping and/or Support Services which Groundsure has agreed to provide by accepting an Order pursuant to clause 2.6.

**“Site”** means the area of land in respect of which the Client has requested Groundsure to provide the Services.

**“Third Party Content”** means data, database information or other information which is provided to Groundsure by a Third Party Data Provider.

**“User Guide”** means the user guide, as amended from time to time, available upon request from Groundsure and on the website ([www.Groundsure.com](http://www.Groundsure.com)) and forming part of this Contract.

### 2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 Groundsure agrees to provide the Services in accordance with the Contract.

2.2 Groundsure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of Groundsure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client’s order form, printed stationery or other communication, or any terms or conditions implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, Groundsure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and Groundsure will have no liability therefor. In addition you acknowledge and agree that Groundsure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 Groundsure’s quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by Groundsure. Groundsure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by Groundsure. Groundsure’s acceptance of an Order shall be binding only when made in writing and signed by Groundsure’s authorised representative or when accepted through the Order Website.

### 3 The Client’s obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to Groundsure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary’s needs.

3.3 The Client shall supply to Groundsure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as Groundsure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client’s approval or decision is required to enable Groundsure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the Groundsure Materials, or use the Groundsure Materials in a manner for which they were not intended. The Client may make the Groundsure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that Groundsure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

### 4 Reliance

4.1 The Client acknowledges that the Services provided by Groundsure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by Groundsure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

- (i) the Beneficiary,
- (ii) the Beneficiary’s professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),
- (iv) the first purchaser or first tenant of the Site, and
- (v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by Groundsure. Any party considering such Reports and Services does so at their own risk.

### 5 Fees and Disbursements

5.1 Groundsure shall charge and the Client shall pay fees at the rate and

frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by Groundsure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to Groundsure in full without deduction, counterclaim or set off within 30 days of the date of Groundsure's invoice or such other period as may be agreed in writing between Groundsure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of Groundsure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

## 6 Intellectual Property and Confidentiality

### 6.1 Subject to

- (i) full payment of all relevant Fees and
- (ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the Groundsure Materials.

6.2 All Intellectual Property in the Groundsure Materials are and shall remain owned by Groundsure or Groundsure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the Groundsure Materials shall:

- (i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to Groundsure or any third party from the Services;
- (ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;
- (iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);
- (iv) not combine the Services with or incorporate such Services into any other information data or service;
- (v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);
- (vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and
- (vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the Groundsure Materials in order to advise the Beneficiary in a professional capacity. However, Groundsure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify Groundsure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

## 7.Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of Groundsure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

- (i) any breach of contract, including any deliberate breach of the Contract by Groundsure or its employees, agents or

subcontractors;

- (ii) any use made of the Reports, Services, Materials or any part of them; and
- (iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 Groundsure shall not be liable for

- (i) loss of profits;
- (ii) loss of business;
- (iii) depletion of goodwill and/or similar losses;
- (iv) loss of anticipated savings;
- (v) loss of goods;
- (vi) loss of contract;
- (vii) loss of use;
- (viii) loss or corruption of data or information;
- (ix) business interruption;
- (x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;
- (xi) loss or damage that arise as a result of the use of all or part of the Groundsure Materials in breach of the Contract;
- (xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the Groundsure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;
- (xiii) loss or damage to a computer, software, modem, telephone or other property; and
- (xiv) loss or damage caused by a delay or loss of use of Groundsure's internet ordering service.

7.5 Groundsure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 Groundsure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of Groundsure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against Groundsure in relation to the Services or other matters arising pursuant to the Contract.

## 8 Groundsure's right to suspend or terminate

8.1 If Groundsure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, Groundsure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 Groundsure shall be entitled to terminate the Contract immediately on written notice in the event that:

- (i) the Client fails to pay any sum due to Groundsure within 30 days of the Payment Date; or
- (ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or
- (iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or
- (iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

## 9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon Groundsure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are

- (a) supplied to the Client's specification(s) and in any event
- (b) by their nature cannot be returned.

## 10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) Groundsure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in Groundsure's possession or control; and

(ii) the Client shall pay to Groundsure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay Groundsure any additional costs incurred in relation to the termination or suspension of the Contract.

## 11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of Groundsure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to Groundsure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

## 12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through Groundsure.

12.3 Groundsure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of Groundsure.

12.4 No failure on the part of Groundsure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 Groundsure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

(i) the Client or Beneficiary's failure to provide facilities, access or information;

(ii) fire, storm, flood, tempest or epidemic;

(iii) Acts of God or the public enemy;

(iv) riot, civil commotion or war;

(v) strikes, labour disputes or industrial action;

(vi) acts or regulations of any governmental or other agency;

(vii) suspension or delay of services at public registries by Third Party Data Providers;

(viii) changes in law; or

(ix) any other reason beyond Groundsure's reasonable control.

In the event that Groundsure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then Groundsure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 Groundsure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at Groundsure who will respond in a timely manner. In the event you are not satisfied with Groundsure's complaints handling process or you are unable to resolve the complaint, at your discretion you may refer the complaint to The Property Ombudsman Scheme at the following URL/email: website [www.tpos.co.uk](http://www.tpos.co.uk) or email: [admin@tpos.co.uk](mailto:admin@tpos.co.uk)

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law. © Groundsure Limited June 2013

## Appendix C – GroundSure GeoInsight



Buro Happold

17 BURO HAPPOLD ENGINEERS LTD,  
NEWMAN STREET,  
LONDON, W1T 1PD

Groundsure Reference: GS-3172487

Your Reference: 035533

Report Date 13 Jul 2016

Report Delivery Method: Email - pdf

## Groundsure Geo Insight

Address: BRAMLEY-MOORE DOCK, L5 9SR

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 Geoinsight

# Groundsure Geo Insight

**Address:** BRAMLEY-MOORE DOCK, L5 9SR

**Date:** 13 Jul 2016

**Reference:** GS-3172487

**Client:** Buro Happold



**Aerial Photograph Capture date:** 02-May-2007

**Grid Reference:** 333451,392484

**Site Size:** 9.13ha

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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 Digital Geological Map of Great Britain, BGS Geosure data; BRITPITS database; Shallow 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

1.1 Artificial Ground	1.1.1 Is there any Artificial Ground/ Made Ground present beneath the study site?	Yes
	1.1.2 Are there any records relating to permeability of artificial ground within the study site* boundary?	Yes
1.2 Superficial Geology and Landslips	1.2.1 Is there any Superficial Ground/Drift Geology present beneath the study site?	Yes
	1.2.2 Are there any records relating to permeability of superficial geology within the study site boundary?	Yes
	1.2.3 Are there any records of landslip within 500m of the study site boundary?	No
	1.2.4 Are there any records relating to permeability of landslips within the study site boundary?	No
1.3 Bedrock, Solid Geology & Faults	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 relating to permeability of bedrock within the study site boundary?	Yes
	1.3.3 Are there any records of faults within 500m of the study site boundary?	Yes
1.4 Radon data	1.4.1 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
	1.4.2 Is the property in an area where Radon Protection Measures 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

Section 2:Ground Workings	On-site	0-50m	51-250	251-500	501-1000
2.1 Historical Surface Ground Working Features from Small Scale Mapping	11	0	8	Not Searched	Not Searched
2.2 Historical Underground Workings from Small Scale Mapping	0	0	0	0	5
2.3 Current Ground Workings	1	0	1	0	0

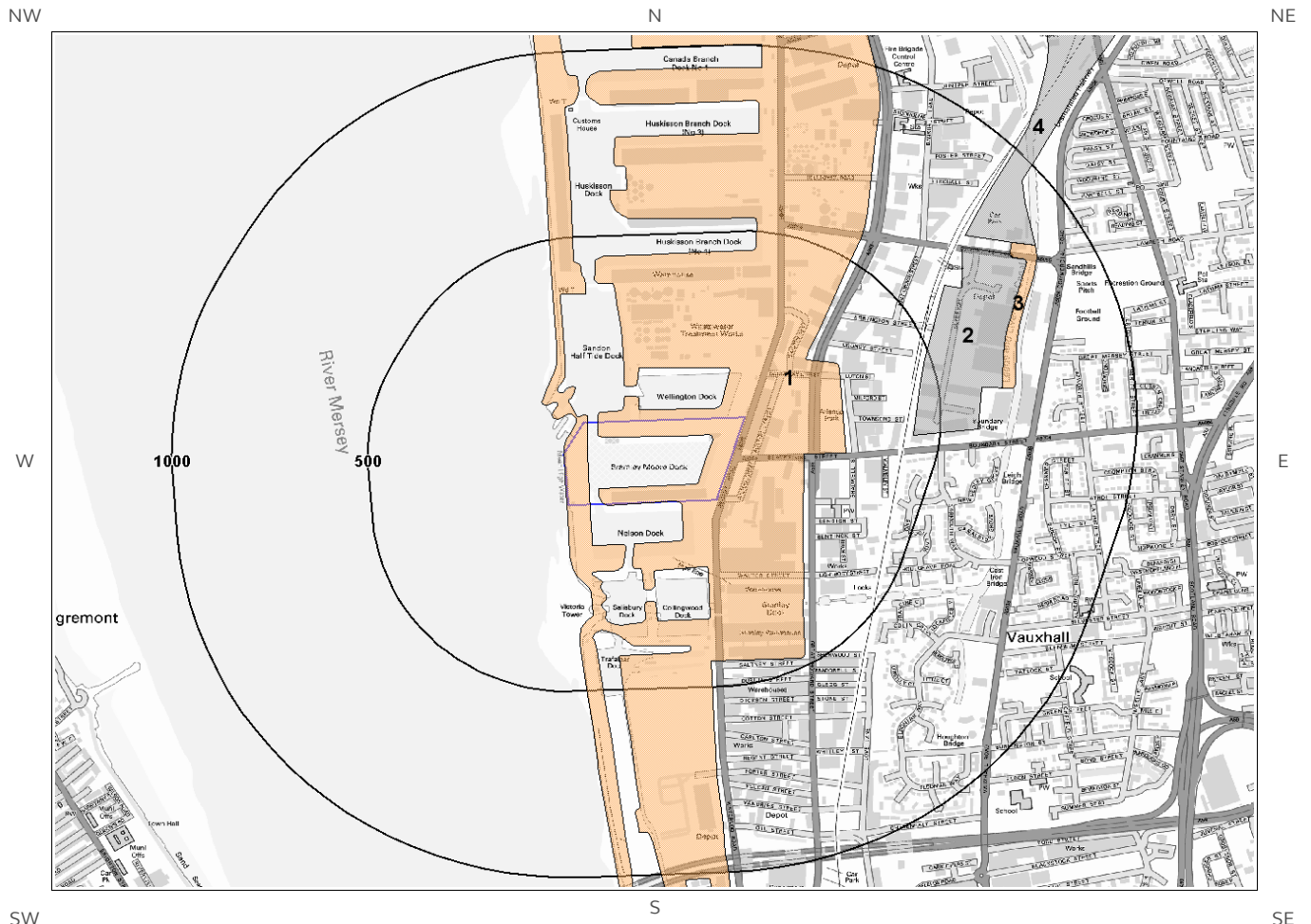
Section 3: Mining, Extraction & Natural Cavities	On-site	0-50m	51-250	251-500	501-1000
3.1 Historical Mining	0	0	0	0	0
3.2 Coal Mining	0	0	0	0	0
3.3 Johnson Poole and Bloomer Mining Area	0	0	0	0	0
3.4 Non-Coal Mining	0	0	0	0	0
3.5 Non-Coal Mining Cavities	0	0	0	0	0
3.6 Natural Cavities	0	0	0	0	0
3.7 Brine Extraction	0	0	0	0	0
3.8 Gypsum Extraction	0	0	0	0	0
3.9 Tin Mining	0	0	0	0	0
3.10 Clay Mining	0	0	0	0	0
Section 4: Natural Ground Subsidence	On-site				
4.1 Shrink Swell Clay	Very Low				
4.2 Landslides	Very Low				
4.3 Ground Dissolution of Soluble Rocks	Negligible				
4.4 Compressible Deposits	Moderate				
4.5 Collapsible Deposits	Negligible				
4.6 Running Sand	Very Low				
Section 5: Borehole Records	On-site	0-50m	51-250		
5 BGS Recorded Boreholes	0	10	54		
Section 6: Estimated Background Soil Chemistry	On-site	0-50m	51-250		
6 Records of Background Soil Chemistry	6	0	3		
Section 7: Railways and Tunnels	On-site	0-50m	51-250	251-500	
7.1 Tunnels	0	0	0	Not Searched	
7.2 Historical Railway and Tunnel Features	33	8	47	Not Searched	
7.3 Historical Railways	1	0	1	Not Searched	
7.4 Active Railways	0	0	0	Not Searched	

Section 7:Railways and Tunnels	On-site	0-50m	51-250	251-500
7.5 Railway Projects	0	0	0	0

---

# 1 Geology

## 1.1 Artificial Ground Map



Artificial Ground Legend

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# 1 Geology

## 1.1 Artificial Ground

### 1.1.1 Artificial/ Made Ground

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No:096

Are there any records of Artificial/Made Ground within 500m of the study site boundary? Yes

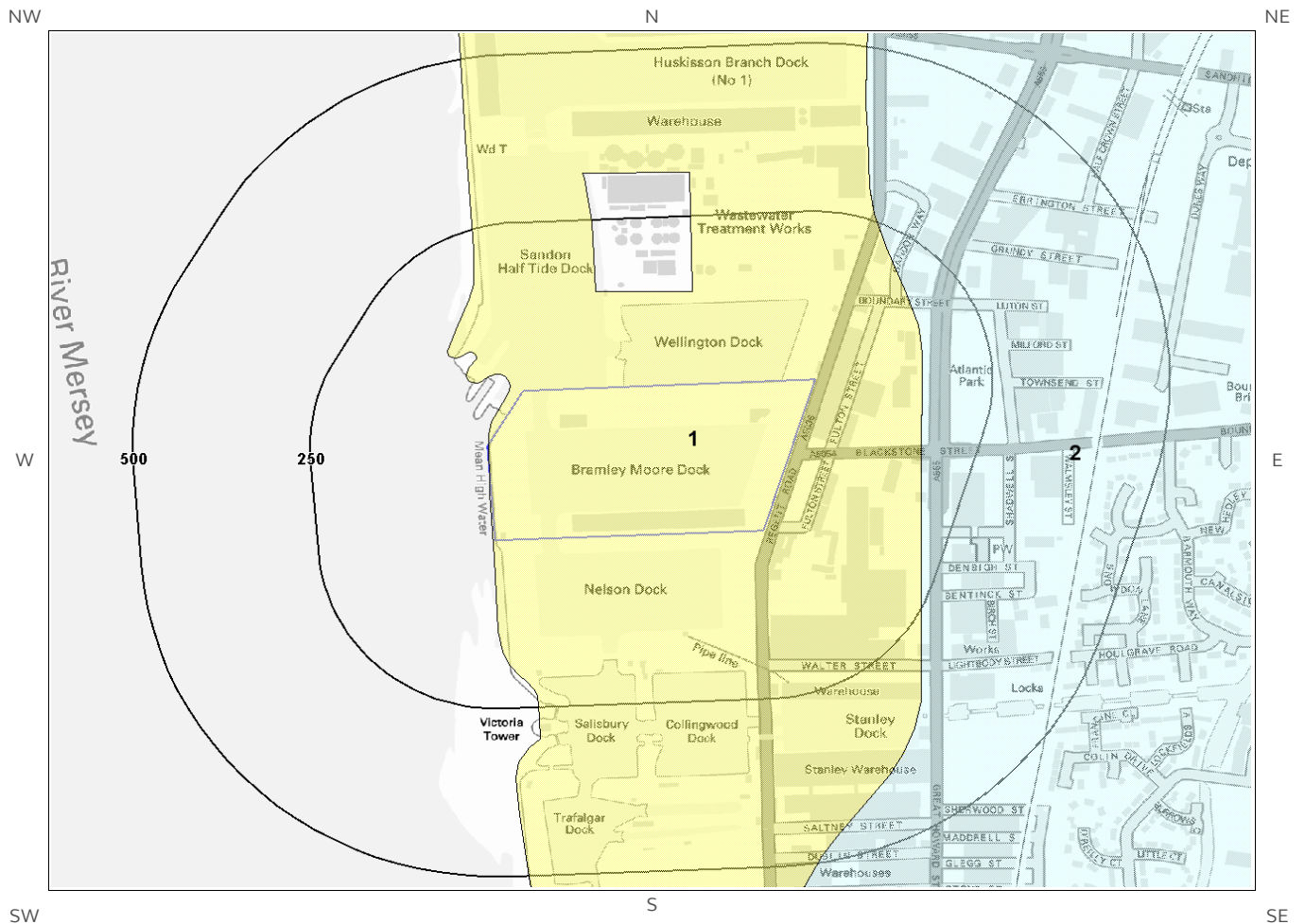
ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	MGR-MGRD	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	433.0	E	WGR-OPEN	WORKED GROUND (UNDIVIDED)	VOID

### 1.1.2 Permeability of Artificial Ground

Are there any records relating to permeability of artificial ground within the study site boundary? Yes



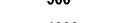
Distance (m)	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Mixed	Very High	Low

# 1.2 Superficial Deposits and Landslips Map



**Superficial Deposits and Landslips Legend**

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-  Site Outline
-  500
-  1000
- Search Buffers (m)

# 1.2 Superficial Deposits and Landslips

## 1.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary? Yes

ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	TFD	TIDAL FLAT DEPOSITS	CLAY, SILTY, SANDY [UNLITHIFIED DEPOSITS CODING SCHEME]
2	151.0	E	TILLD	TILL, DEVENSIAN	CLAY, SANDY, GRAVELLY, COBBLY [UNLITHIFIED DEPOSITS CODING SCHEME]

## 1.2.2 Permeability of Superficial Ground

Are there any records relating to permeability of superficial ground within the study site boundary? Yes

Distance (m)	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Intergranular	Low	Low

## 1.2.3 Landslip

Are there any records of Landslip within 500m of the study site boundary? No

Database searched and no data found.

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.

## 1.2.4 Landslip Permeability

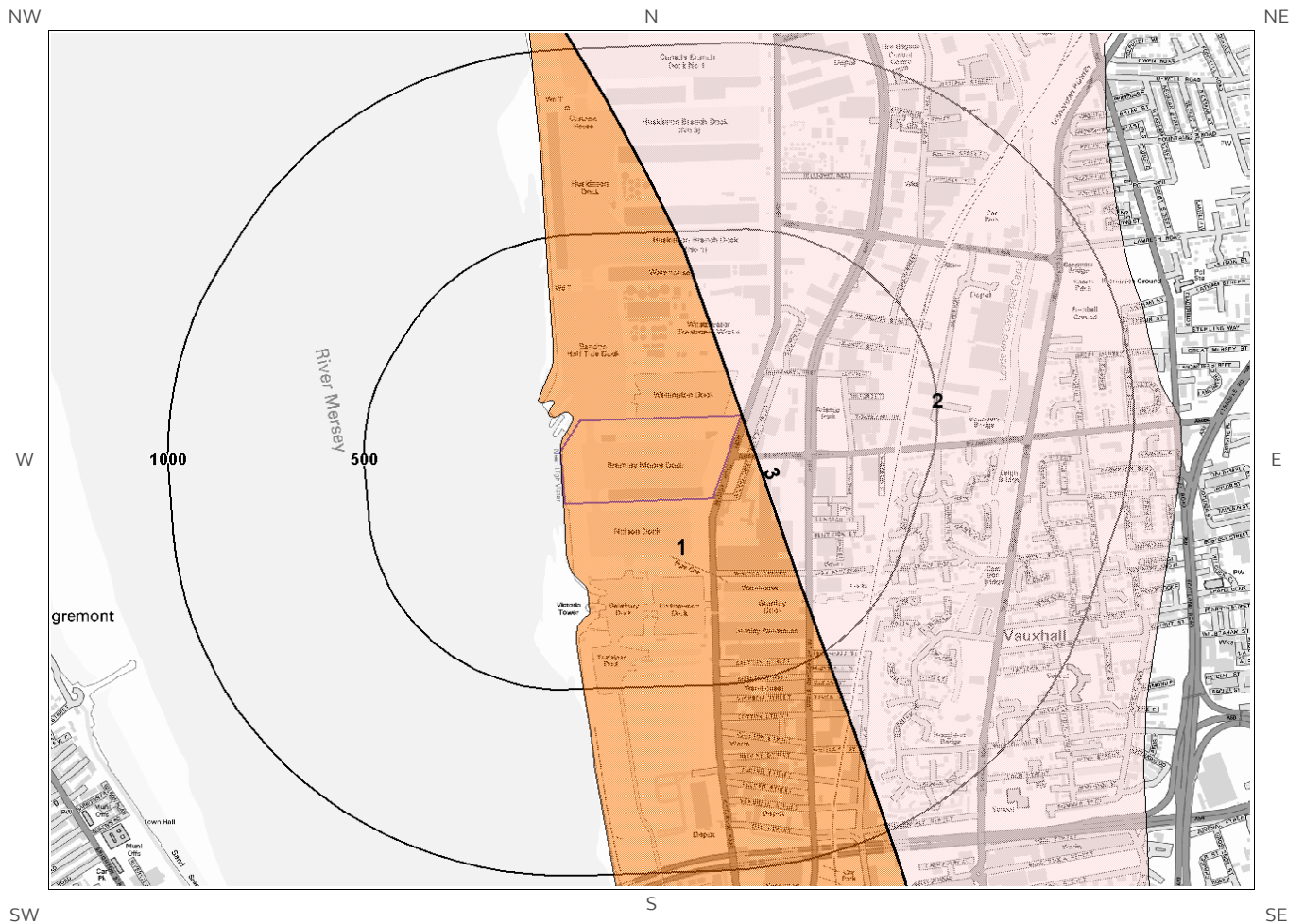
Are there any records relating to permeability of landslips within the study site\*\* boundary? No

Database searched and no data found.

\* This includes an automatically generated 50m buffer zone around the site

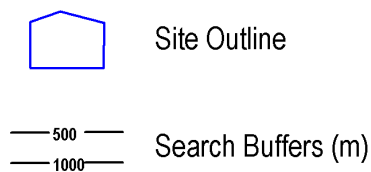


# 1.3 Bedrock and Faults Map



Bedrock and Faults Legend

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# 1.3 Bedrock, Solid Geology & Faults

The following geological information represented on the mapping is derived from 1:50,000 scale BGS Geological mapping, Sheet No:096

## 1.3.1 Bedrock/ Solid Geology

Records of Bedrock/ Solid Geology within 500m of the study site boundary:

ID	Distance (m)	Direction	LEX Code	Description	Rock Age
1	0.0	On Site	CPB-PESST	Chester Pebble Beds Formation - Sandstone, Pebbly (gravelly)	No Details
2	2.0	E	WLSF-SDST	Wilmslow Sandstone Formation - Sandstone	No Details

## 1.3.2 Permeability of Bedrock Ground

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

Distance (m)	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Mixed	High	Moderate
2.0	E	Intergranular	High	High

## 1.3.3 Faults

Are there any records of Faults within 500m of the study site boundary? Yes

ID	Distance (m)	Direction	Category Description	Feature Description
3	2.0	E	FAULT	Fault, inferred, displacement unknown

The geology map for the site and surrounding area are extracted from the BGS Digital Geological Map of Great Britain at 1:50,000 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.

\* This includes an automatically generated 50m buffer zone around the site

# 1.4 Radon Data

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

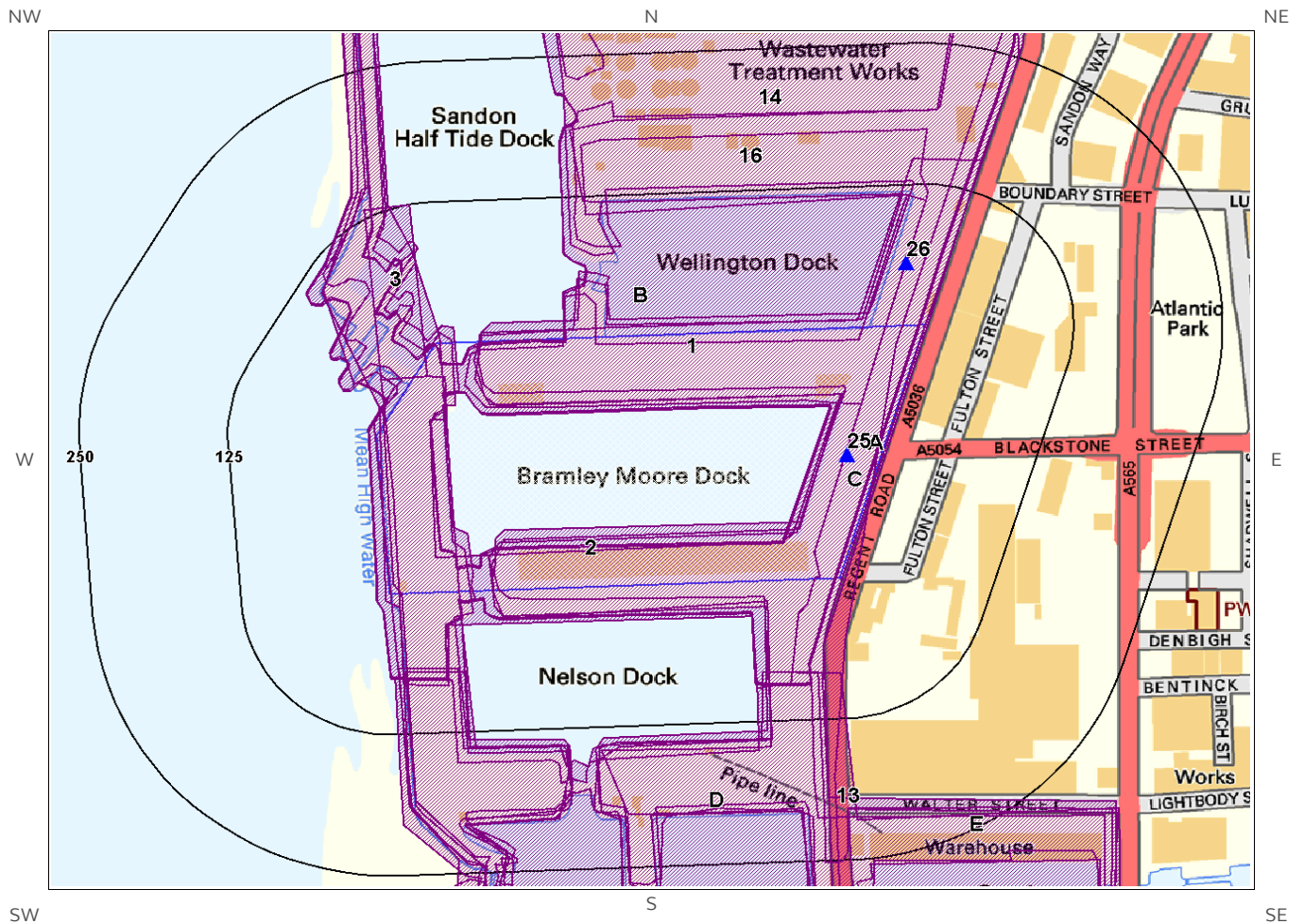
---

## 1.4.2 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

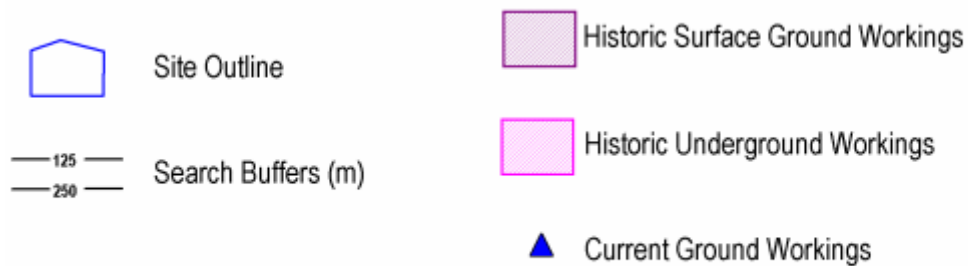
---

## 2 Ground Workings Map



Ground Workings Legend

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## 2 Ground Workings

### 2.1 Historical Surface Ground Working Features derived from Historical Mapping

This dataset is based on Groundsure's unique Historical Land Use Database derived from 1:10,560 and 1:10,000 scale historical mapping.

Are there any Historical Surface Ground Working Features within 250m of the study site boundary? Yes

The following Historical Surface Ground Working Features are provided by Groundsure:

ID	Distance (m)	Direction	NGR	Use	Date
1	0.0	On Site	333405 392641	Dock	1890
2	0.0	On Site	333267 392437	Dock	1890
3	0.0	On Site	333251 392649	Dock	1890
4A	0.0	On Site	333211 393486	Docks	1982
5A	0.0	On Site	333207 393496	Dock	1990
6B	0.0	On Site	333077 393916	Docks	1928
7A	0.0	On Site	333211 393486	Docks	1973
8B	0.0	On Site	333077 393917	Docks	1907
9B	0.0	On Site	333077 393916	Docks	1938
10C	0.0	On Site	333314 391857	Docks	1909
11C	0.0	On Site	333314 391857	Docks	1938
12D	67.0	S	333599 390697	Docks	1906
13	70.0	S	333566 391367	Docks	1938
14	72.0	N	333555 392836	Sewage Works	1990
15D	76.0	S	333679 390688	Docks	1890
16	109.0	N	333552 392756	Dock	1890
17E	205.0	S	333645 392077	Dock	1990
18E	205.0	S	333645 392077	Dock	1982
19E	205.0	S	333645 392077	Dock	1973

## 2.2 Historical Underground Working Features derived from Historical Mapping

This data is derived from the Groundsure unique Historical Land Use Database. It contains data derived from 1:10,000 and 1:10,560 historical Ordnance Survey Mapping and includes some natural topographical features (Shake Holes for example) as well as manmade features that may have implications for ground stability. Underground and mining features have been identified from surface features such as shafts. The distance that these extend underground is not shown.

Are there any Historical Underground Working Features within 1000m of the study site boundary? Yes

The following Historical Underground Working Features are provided by Groundsure:

ID	Distance (m)	Direction	NGR	Use	Date
Not shown	949.0	S	332953 391163	Tunnel	1973
Not shown	949.0	S	332953 391163	Tunnel	1982
Not shown	949.0	S	332953 391163	Tunnel	1990
Not shown	976.0	NE	334437 393327	Tunnel	1973
Not shown	980.0	NE	334438 393332	Tunnel	1967

## 2.3 Current Ground Workings

This dataset is derived from the BGS BRITPITS database covering active; inactive mines; quarries; oil wells; gas wells and mineral wharves; and rail deposits throughout the British Isles.

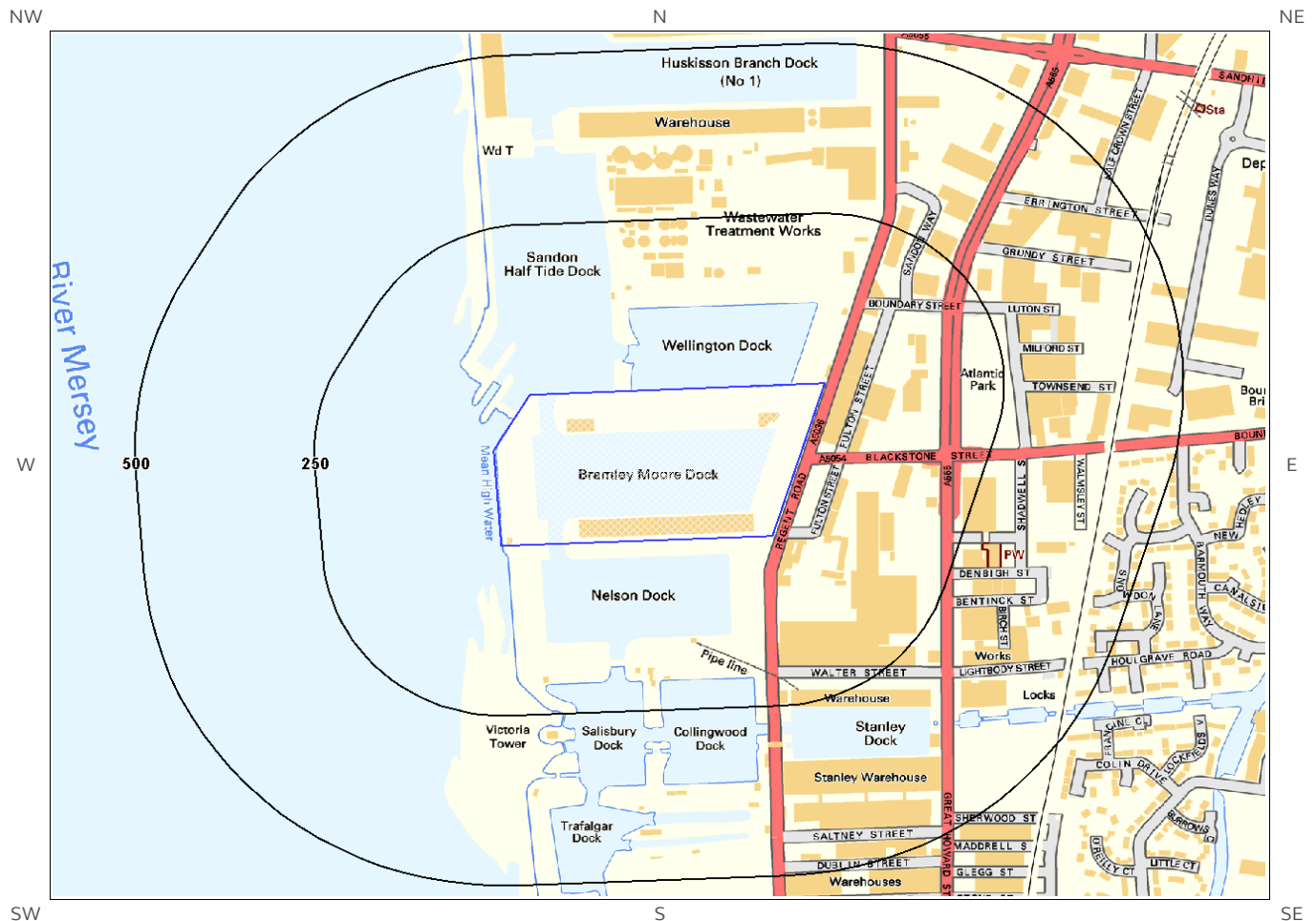
Are there any BGS Current Ground Workings within 1000m of the study site boundary? Yes

The following Current Ground Workings information is provided by British Geological Survey:

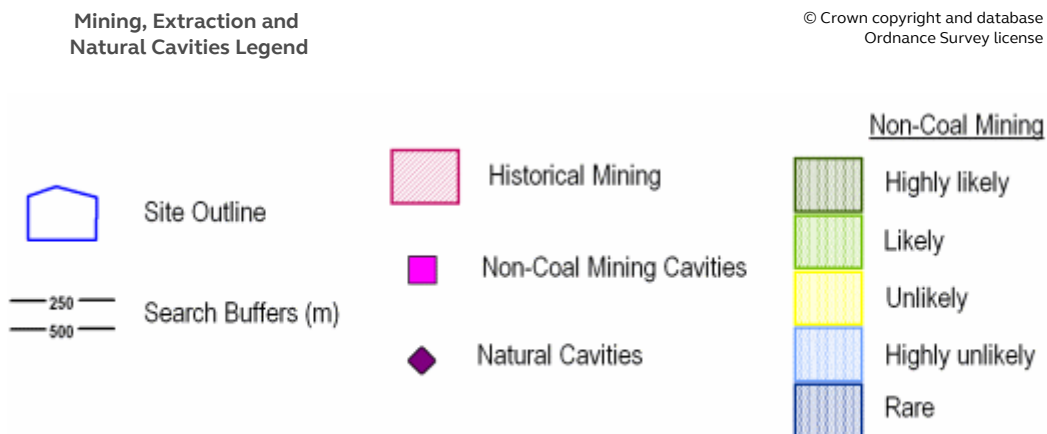
ID	Distance (m)	Direction	NGR	Commodity Produced	Pit Name	Type of working	Status
25	0.0	On Site	333630 392505	Marine Sand & Gravel	Bramley-Moore Dock	Sea, river or canal wharf where mineral commodities are unloaded and stored	Active
26	56.0	N	333680 392675	Marine Sand & Gravel	Wellington Dock	A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Ceased



## 3 Mining, Extraction & Natural Cavities Map



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# 3 Mining, Extraction & Natural Cavities

## 3.1 Historical Mining

This dataset is derived from Groundsure unique Historical Land-use Database that are indicative of mining or extraction activities.

Are there any Historical Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

---

## 3.2 Coal Mining

This dataset provides information as to whether the study site lies within a known coal mining affected area as defined by the coal authority.

Are there any Coal Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

---

## 3.3 Johnson Poole and Bloomer

This dataset provides information as to whether the study site lies within an area where JPB hold information relating to mining.

Are there any JPB Mining areas within 1000m of the study site boundary? No

The following information provided by JPB is not represented on mapping: Database searched and no data found.

---

## 3.4 Non-Coal Mining

This dataset provides information as to whether the study site lies within an area which may have been subject to non-coal historic mining.

Are there any Non-Coal Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

---



### 3.5 Non-Coal Mining Cavities

This dataset provides information from the Peter Brett Associates (PBA) mining cavities database (compiled for the national study entitled “Review of mining instability in Great Britain, 1990” PBA has also continued adding to this database) on mineral extraction by mining.

Are there any Non-Coal Mining cavities within 1000m of the study site boundary? No

Database searched and no data found.

---

### 3.6 Natural Cavities

This dataset provides information based on Peter Brett Associates natural cavities database.

Are there any Natural Cavities within 1000m of the study site boundary? No

Database searched and no data found.

---

### 3.7 Brine Extraction

This data provides information from the Coal Authority issued on behalf of the Cheshire Brine Subsidence Compensation Board.

Are there any Brine Extraction areas within 1000m of the study site boundary? No

Database searched and no data found.

---

### 3.8 Gypsum Extraction

This dataset provides information on Gypsum extraction from British Gypsum records.

Are there any Gypsum Extraction areas within 1000m of the study site boundary? No

Database searched and no data found.

---

### 3.9 Tin Mining

This dataset provides information on tin mining areas and is derived from tin mining records. This search is based upon postcode information to a sector level.

Are there any Tin Mining areas within 1000m of the study site boundary? No

Database searched and no data found.

---

### 3.10 Clay Mining

This dataset provides information on Kaolin and Ball Clay mining from relevant mining records.

Are there any Clay Mining areas within 1000m of the study site boundary?

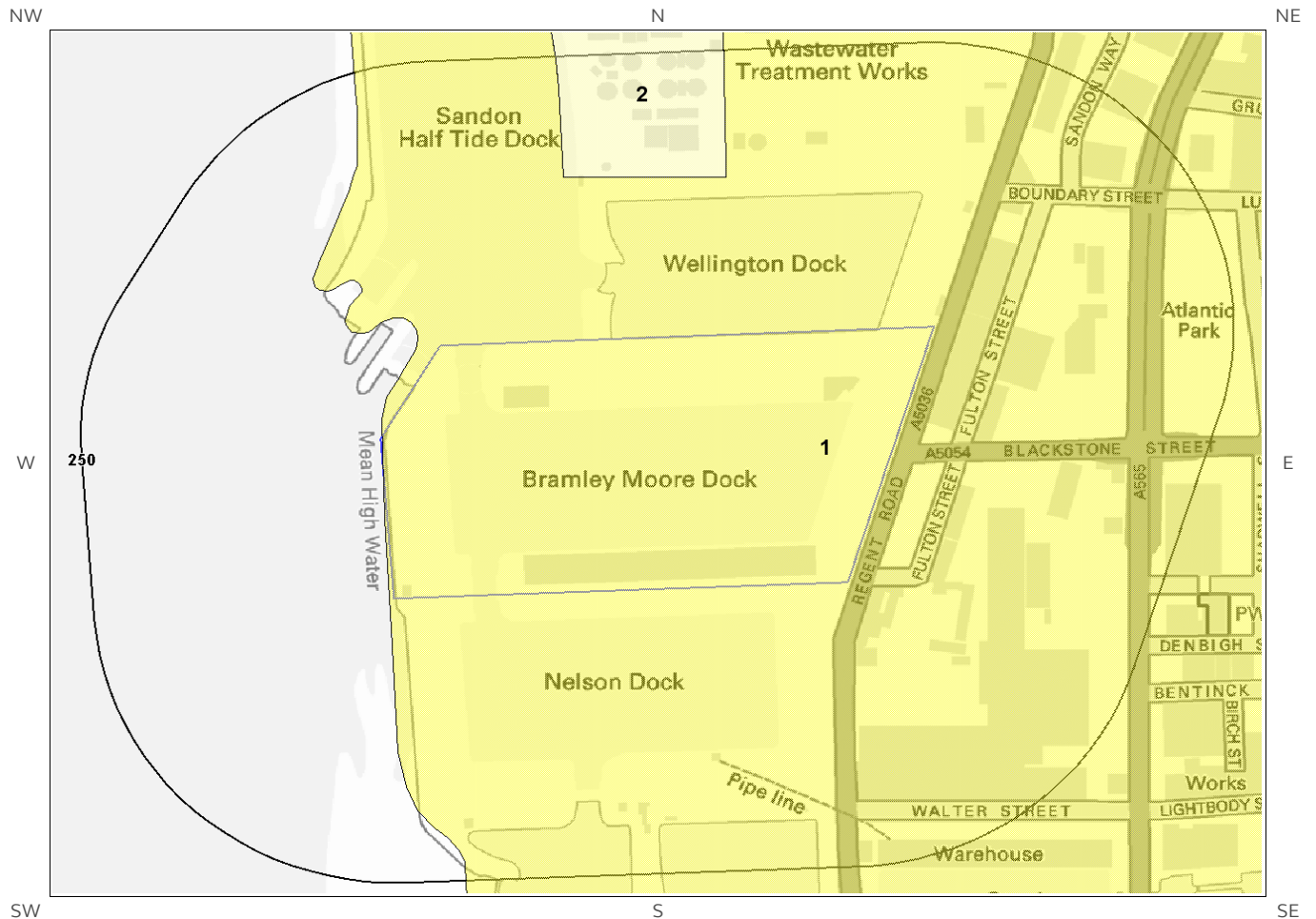
No

Database searched and no data found.

---

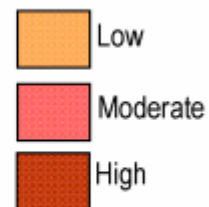
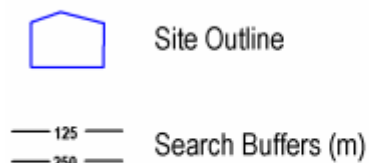
# 4 Natural Ground Subsidence

## 4.1 Shrink-Swell Clay Map

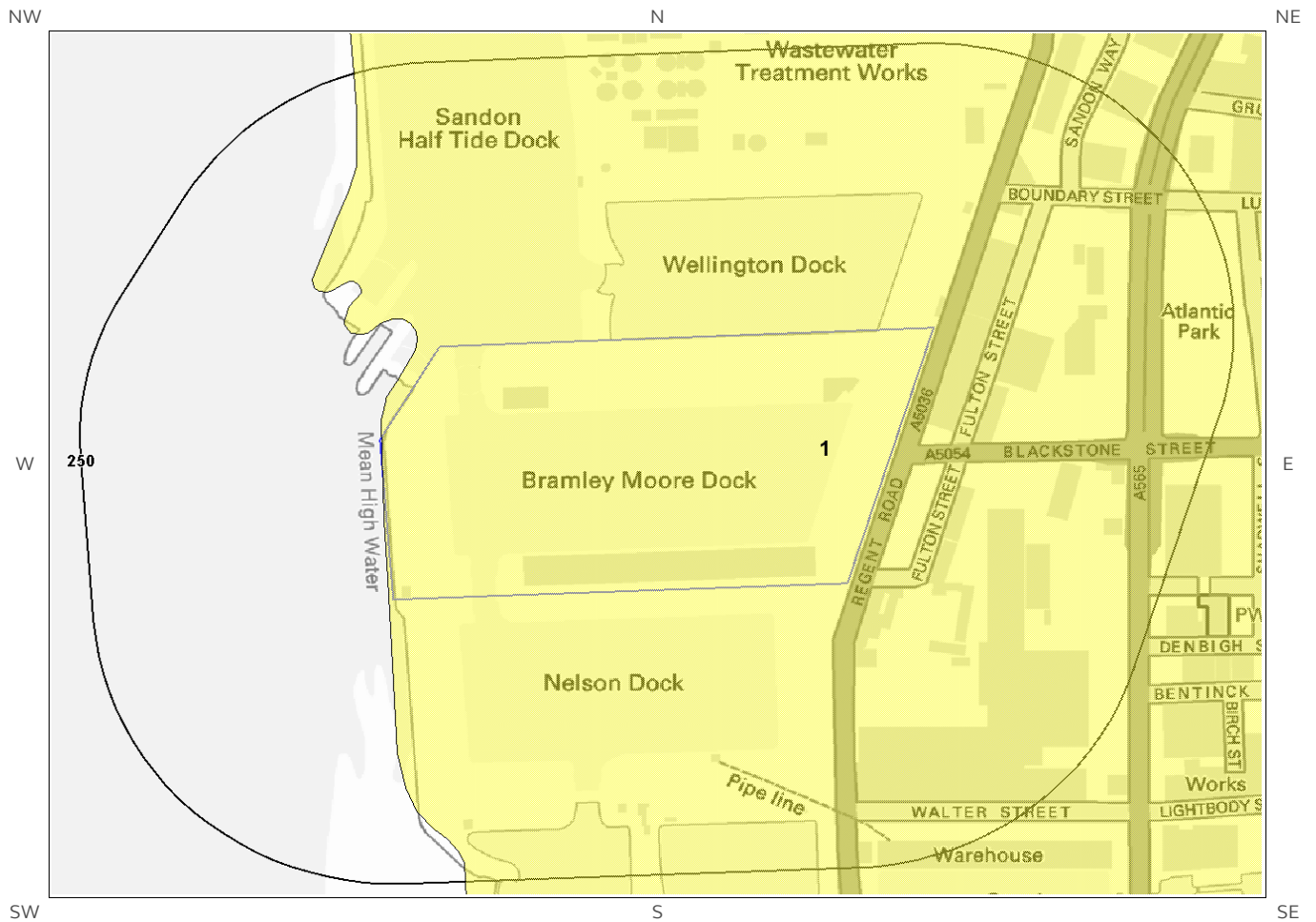


Shrink Swell Clay Legend

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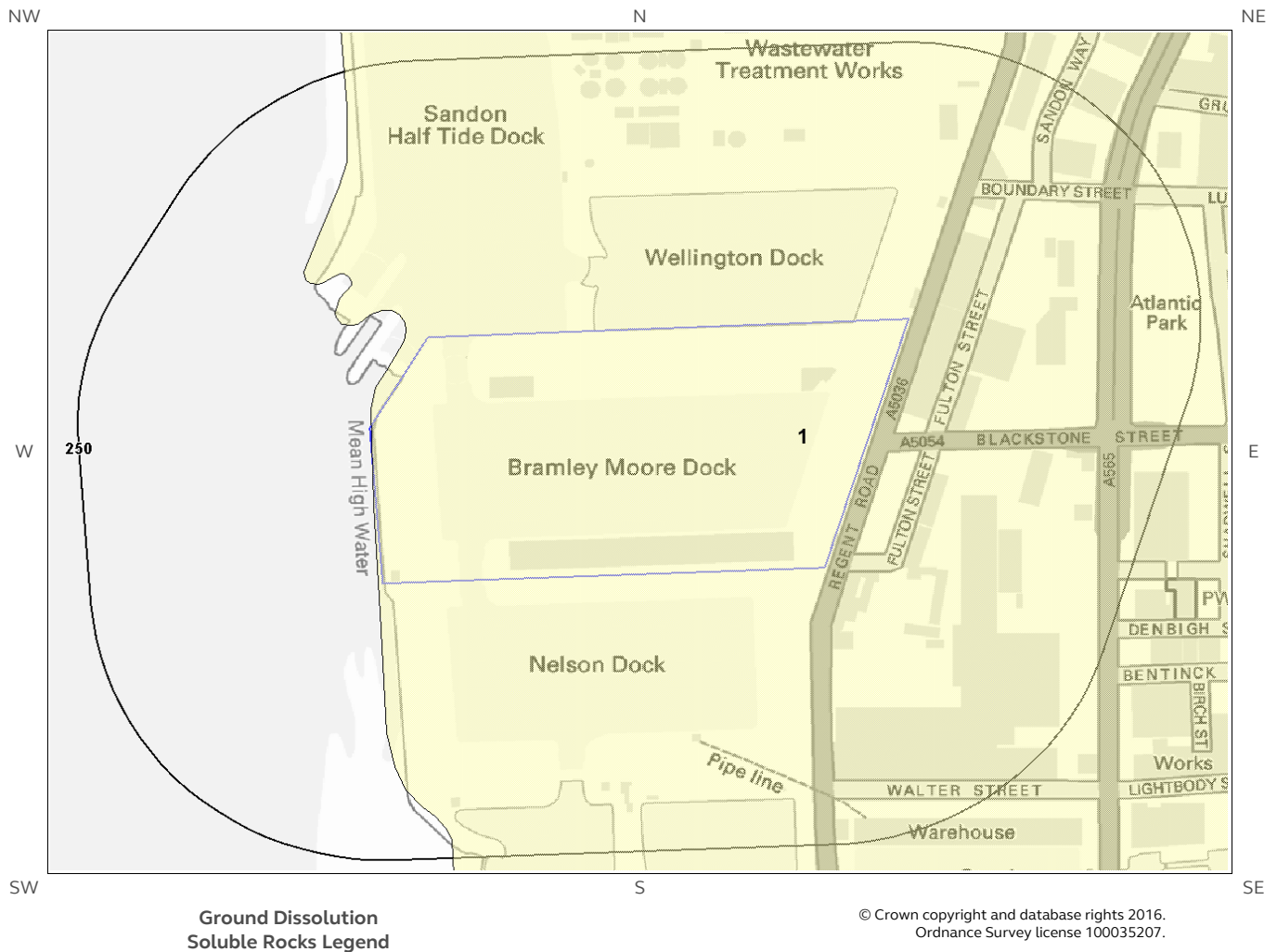
## 4.2 Landslides Map



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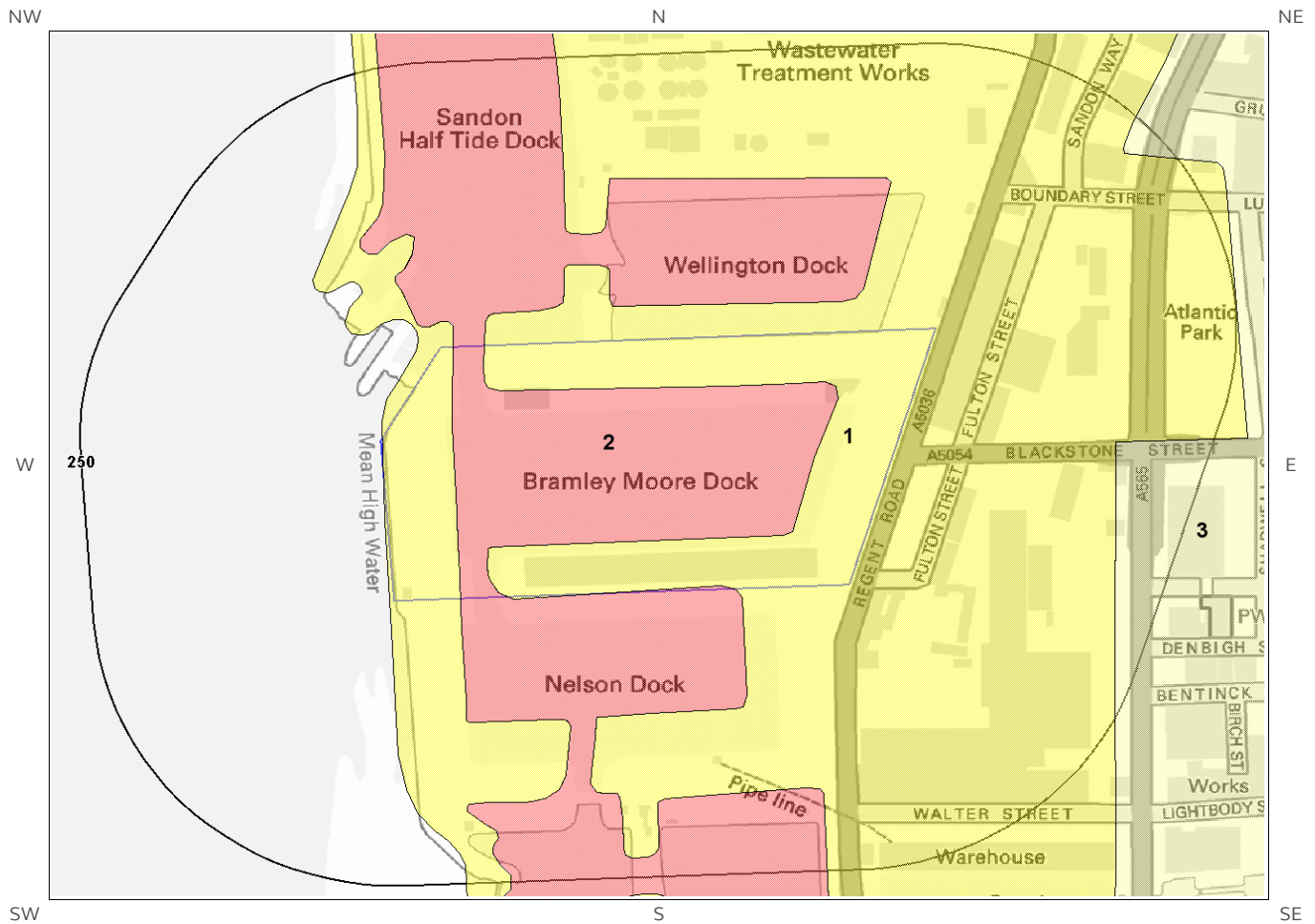


## 4.3 Ground Dissolution Soluble Rocks Map





## 4.4 Compressible Deposits Map

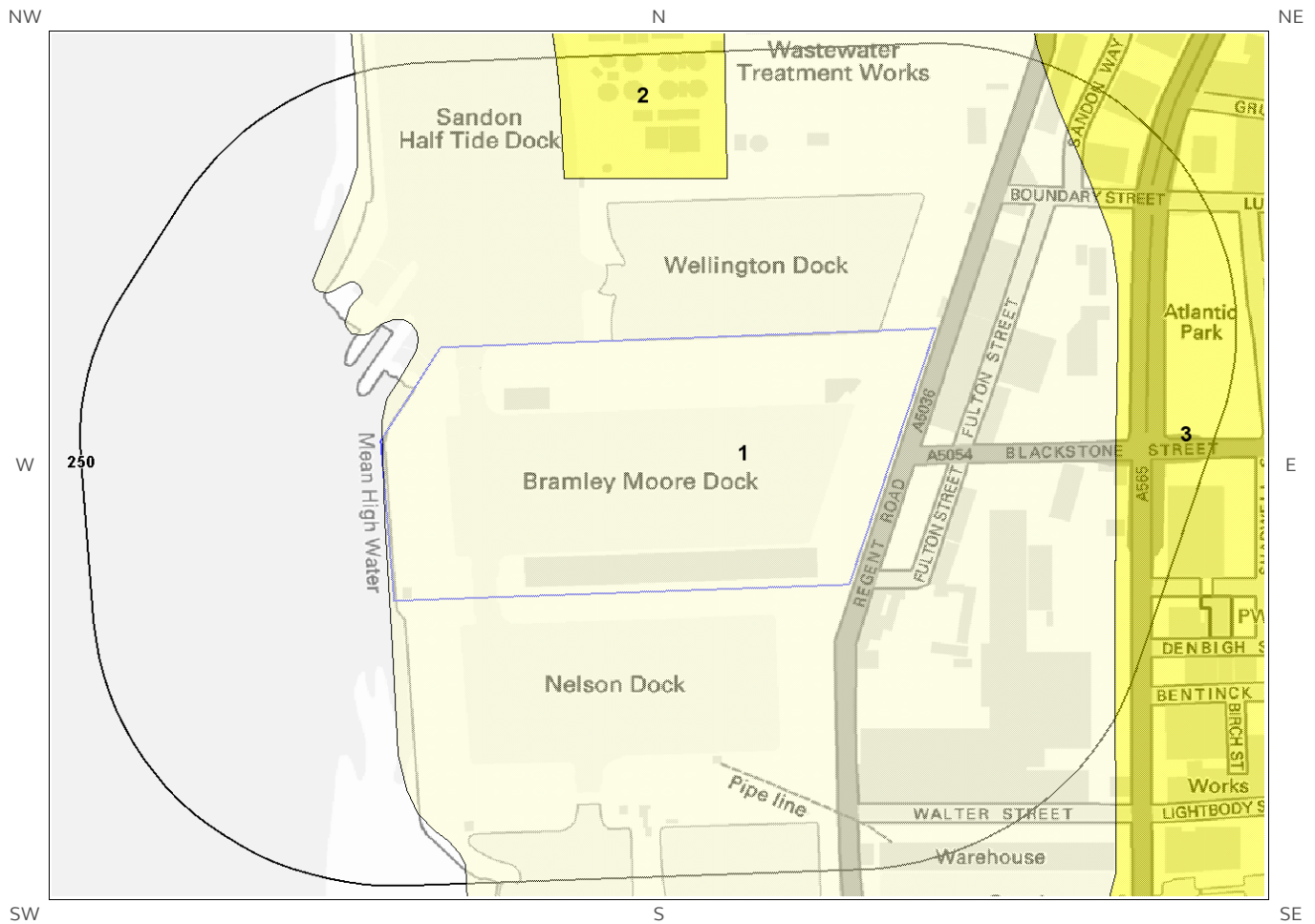


Compressible Deposits Legend

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## 4.5 Collapsible Deposits Map

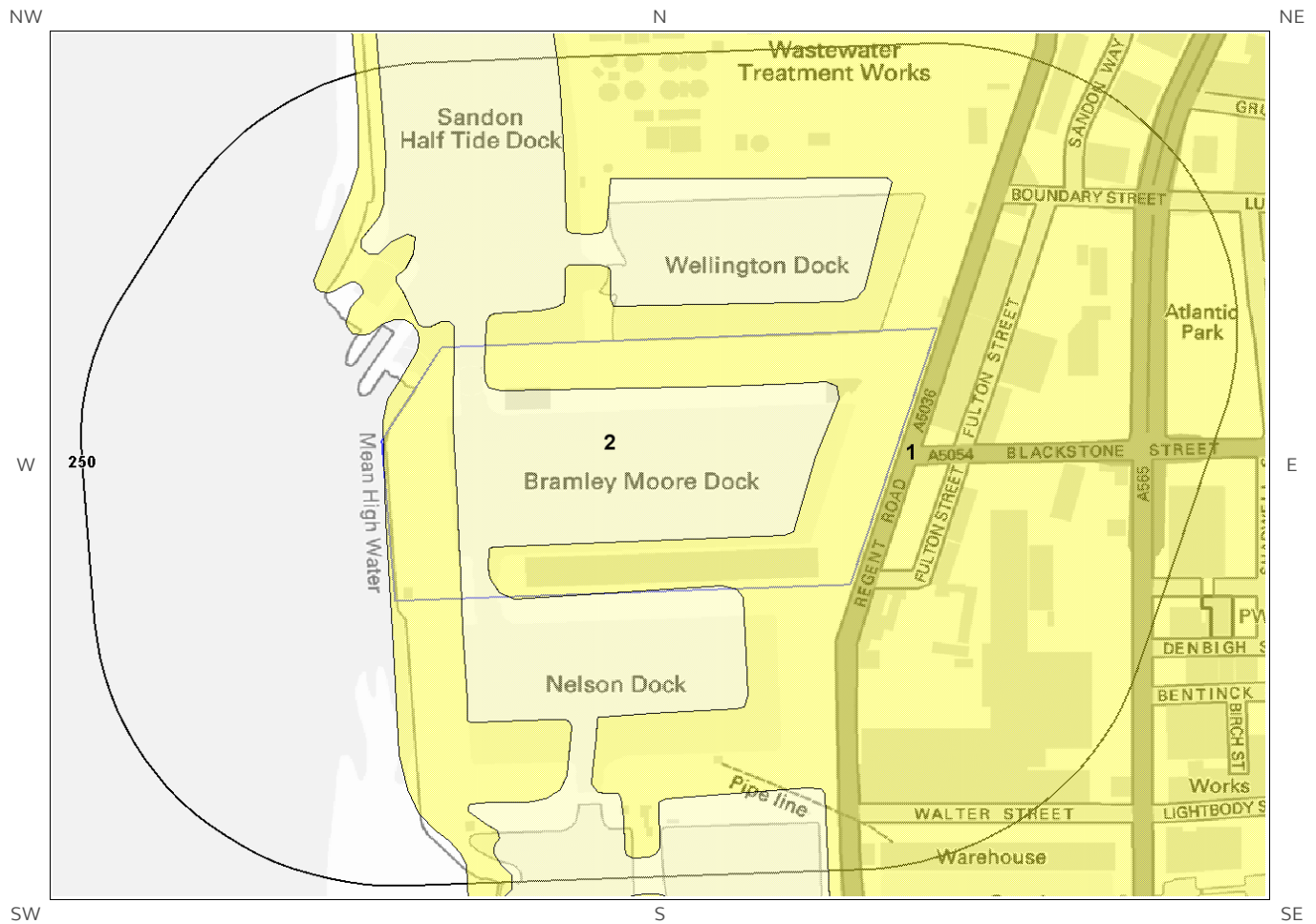


Collapsible Deposits Legend

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## 4.6 Running Sand Map



Running Sand Legend

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## 4 Natural Ground Subsidence

The National Ground Subsidence rating is obtained through the 6 natural ground stability hazard datasets, which are supplied by the British Geological Survey (BGS).

The following GeoSure data represented on the mapping is derived from the BGS Digital Geological map of Great Britain at 1:50,000 scale.

What is the maximum hazard rating of natural subsidence within the study site\*\* boundary?      Moderate

### 4.1 Shrink-Swell Clays

The following Shrink Swell information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

### 4.2 Landslides

The following Landslides information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	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.

### 4.3 Ground Dissolution of Soluble Rocks

The following Ground Dissolution information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	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 includes an automatically generated 50m buffer zone around the site

## 4.4 Compressible Deposits

The following Compressible Deposits information provided by the British Geological Survey:

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Very low potential for compressible ground to be present. No special actions required to avoid problems due to compressible ground. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible ground.
2	0.0	On Site	Moderate	Significant potential for compressibility problems. Do not drain, load 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. Extra construction costs are likely. For existing property, possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

## 4.5 Collapsible Deposits

The following Collapsible Rocks information provided by the British Geological Survey:

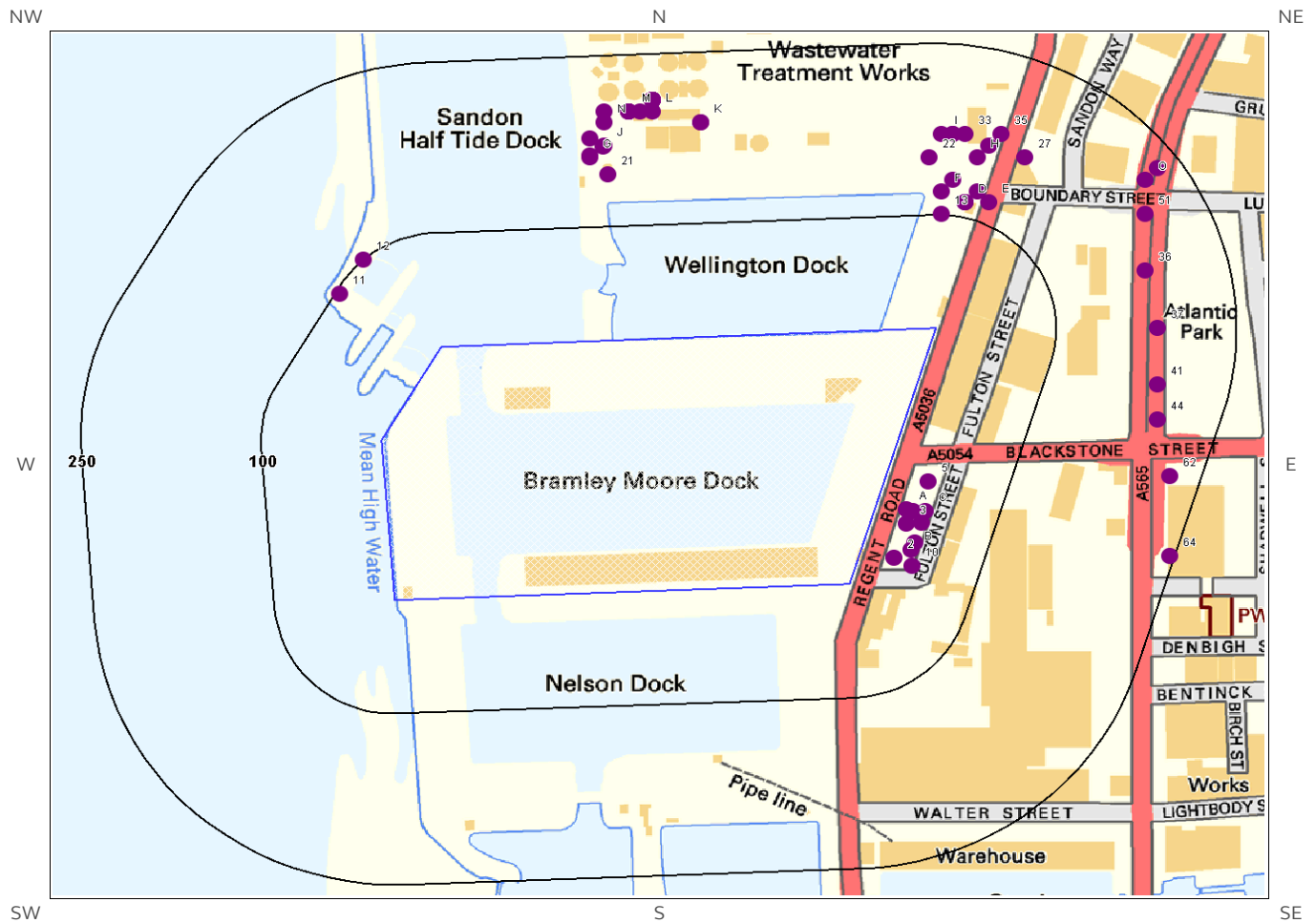
ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	No indicators for collapsible deposits identified. No actions required to avoid problems due to collapsible deposits. No special ground investigation required, or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

## 4.6 Running Sands

The following Running Sands information provided by the British Geological Survey:

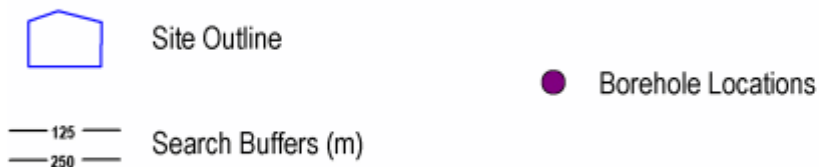
ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.
2	0.0	On Site	Negligible	No indicators for running sand identified. No special actions required to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

# 5 Borehole Records Map



Borehole Records Legend

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## 5 Borehole Records

The systematic analysis of data extracted from the BGS Borehole Records database provides the following information.

Records of boreholes within 250m of the study site boundary:

64

ID	Distance (m)	Direction	NGR	BGS Reference	Drilled Length	Borehole Name
1A	25.0	E	333671 392461	SJ39SW1544	3.2	REGENT ROAD LIVERPOOL TP 2
2	28.0	E	333661 392418	SJ39SW1548	3.4	REGENT ROAD LIVERPOOL TP 6
3	29.0	E	333671 392448	SJ39SW1546	3.1	REGENT ROAD LIVERPOOL TP 4
4A	31.0	E	333677 392459	SJ39SW1541	13.2	REGENT ROAD LIVERPOOL 1
5	35.0	E	333689 392485	SJ39SW1543	3.3	REGENT ROAD LIVERPOOL TP 1
6B	40.0	E	333675 392425	SJ39SW1542	12.0	REGENT ROAD LIVERPOOL 2
7B	40.0	E	333678 392432	SJ39SW1549	3.2	REGENT ROAD LIVERPOOL TP 7
8C	41.0	E	333687 392459	SJ39SW1545	2.6	REGENT ROAD LIVERPOOL TP 3
9C	41.0	E	333684 392449	SJ39SW1547	2.6	REGENT ROAD LIVERPOOL TP 5
10	45.0	E	333676 392411	SJ39SW1550	3.2	REGENT ROAD LIVERPOOL TP 8
11	97.0	NW	333200 392650	SJ39SW233	-1.0	SANDON DOCK 320
12	100.0	NW	333220 392680	SJ39SW232	71.19	SANDON DOCK 319
13	100.0	N	333700 392720	SJ39SW708	-1.0	SANDON DOCK LIVERPOOL 12
14D	113.0	N	333720 392730	SJ39SW1033	40.0	SANDON DOCK NO.28
15D	113.0	N	333720 392730	SJ39SW714	-1.0	SANDON DOCK LIVERPOOL 30A
16D	113.0	N	333720 392730	SJ39SW713	-1.0	SANDON DOCK LIVERPOOL 30
17E	118.0	N	333740 392730	SJ39SW715	-1.0	SANDON DOCK LIVERPOOL 31
18F	120.0	N	333700 392740	SJ39SW711	-1.0	SANDON DOCK LIVERPOOL 28
19E	125.0	N	333730 392740	SJ39SW1034	39.7	SANDON DOCK NO.29
20F	131.0	N	333710 392750	SJ39SW712	-1.0	SANDON DOCK LIVERPOOL 29
21	146.0	N	333423 392755	SJ39SW1040	-1.0	SANDON DOCK NO.330
22	150.0	N	333690 392770	SJ39SW710	-1.0	SANDON DOCK LIVERPOOL 24

ID	Distance (m)	Direction	NGR	BGS Reference	Drilled Length	Borehole Name
23H	154.0	N	333730 392770	SJ39SW709	-1.0	SANDON DOCK LIVERPOOL 17
24G	161.0	N	333408 392770	SJ39SW1037	-1.0	SANDON DOCK NO.328 SOUTH
25G	162.0	N	333408 392771	SJ39SW1038	-1.0	SANDON DOCK NO.328 NORTH
26H	166.0	N	333740 392780	SJ39SW706	-1.0	SANDON DOCK LIVERPOOL 5
27	167.0	NE	333770 392770	SJ39SW707	-1.0	SANDON DOCK LIVERPOOL 7
28G	170.0	N	333419 392779	SJ39SW1041	-1.0	SANDON DOCK NO.331
29I	170.0	N	333700 392790	SJ39SW705	-1.0	SANDON DOCK LIVERPOOL 4
30I	171.0	N	333710 392790	SJ39SW703	-1.0	SANDON DOCK LIVERPOOL 2
31I	171.0	N	333710 392790	SJ39SW704	-1.0	SANDON DOCK LIVERPOOL 3
32J	171.0	N	333420 392780	SJ39SW236	50.4	SANDON DOCK 326
33	172.0	N	333720 392790	SJ39SW702	-1.0	SANDON DOCK LIVERPOOL 1
34J	177.0	N	333408 392786	SJ39SW1039	-1.0	SANDON DOCK NO.329
35	178.0	N	333750 392790	SJ39SW734	-1.0	SANDON DOCK 126
36	181.0	E	333870 392670	SJ39SW1581	5.0	ATLANTIC AVENUE PHASE 3 AND 4 4A
37	184.0	E	333880 392620	SJ39SW1576	8.0	ATLANTIC AVENUE PHASE 3 AND 4 2
38K	187.0	N	333500 392800	SJ39SW610	-1.0	SANDON DOCK SLUDGE TANKS BHSB4
39K	187.0	N	333500 392800	SJ39SW609	-1.0	SANDON DOCK SLUDGE TANKS BHSB1
40N	191.0	N	333420 392800	SJ39SW237	-1.0	SANDON DOCK 327
41	191.0	E	333880 392570	SJ39SW1579	5.0	ATLANTIC AVENUE PHASE 3 AND 4 3A
42L	199.0	N	333460 392810	SJ39SW234	-1.0	SANDON DOCK 324
43L	199.0	N	333450 392810	SJ39SW235	45.5	SANDON DOCK 325
44	200.0	E	333880 392540	SJ39SW1577	5.0	ATLANTIC AVENUE PHASE 3 AND 4 2A
45M	200.0	N	333440 392810	SJ39SW607	-1.0	SANDON DOCK SLUDGE TNKS BHSG21
46M	200.0	N	333440 392810	SJ39SW1036	-1.0	SANDON DOCK NO.323
47M	200.0	N	333440 392810	SJ39SW608	-1.0	SANDON DOCK SLUDGE TNKS BHSG24
48M	200.0	N	333440 392810	SJ39SW606	-1.0	SANDON DOCK SLUDGE TNKS BHSG14
49M	200.0	N	333440 392810	SJ39SW605	-1.0	SANDON DOCK SLUDGE TNKS BHSG11
50N	201.0	N	333420 392810	SJ39SW1035	-1.0	SANDON DOCK NO.321

ID	Distance (m)	Direction	NGR	BGS Reference	Drilled Length	Borehole Name
51	201.0	NE	333870 392720	SJ39SW1587	3.3	ATLANTIC AVENUE PHASE 3 AND 4 TP 5
52L	209.0	N	333460 392820	SJ39SW597	-1.0	SANDON DOCK SLUDGE TNKS BHSD14
53L	209.0	N	333460 392820	SJ39SW602	-1.0	SANDON DOCK SLUDGE TNKS BHSD41
54L	209.0	N	333460 392820	SJ39SW601	-1.0	SANDON DOCK SLUDGE TNKS BHSD33
55L	209.0	N	333460 392820	SJ39SW596	-1.0	SANDON DOCK SLUDGE TNKS BHSD11
56L	209.0	N	333460 392820	SJ39SW598	-1.0	SANDON DOCK SLUDGE TNKS BHSD22
57L	209.0	N	333460 392820	SJ39SW604	-1.0	SANDON DOCK SLUDGE TNKS BHSD44
58L	209.0	N	333460 392820	SJ39SW600	-1.0	SANDON DOCK SLUDGE TNKS BHSD32
59L	209.0	N	333460 392820	SJ39SW599	-1.0	SANDON DOCK SLUDGE TNKS BHSD23
60L	209.0	N	333460 392820	SJ39SW603	-1.0	SANDON DOCK SLUDGE TNKS BHSD42
61O	217.0	NE	333870 392750	SJ39SW1578	8.0	ATLANTIC AVENUE PHASE 3 AND 4 3
62	224.0	E	333890 392490	SJ39SW1575	10.0	ATLANTIC AVENUE PHASE 3 AND 4 1
63O	231.0	NE	333880 392760	SJ39SW1583	5.05	ATLANTIC AVENUE PHASE 3 AND 4 6
64	246.0	E	333890 392420	SJ39SW1586	4.1	ATLANTIC AVENUE PHASE 3 AND 4 TP 1

The borehole records are available using the hyperlinks below: Please note that if the donor of the borehole record has requested the information be held as commercial-in-confidence, the additional data will be held separately by the BGS and a formal request must be made for its release.

#1A: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297511](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297511)  
 #2: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297531](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297531)  
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 #4A: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297486](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297486)  
 #5: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297500](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297500)  
 #6B: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297487](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297487)  
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#42L: [scans.bgs.ac.uk/sobi\\_scans/boreholes/161203](https://scans.bgs.ac.uk/sobi_scans/boreholes/161203)  
#43L: [scans.bgs.ac.uk/sobi\\_scans/boreholes/161204](https://scans.bgs.ac.uk/sobi_scans/boreholes/161204)  
#44: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297953](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297953)  
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#50N: [scans.bgs.ac.uk/sobi\\_scans/boreholes/162004](https://scans.bgs.ac.uk/sobi_scans/boreholes/162004)  
#51: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297974](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297974)  
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#62: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297946](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297946)  
#63O: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297964](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297964)  
#64: [scans.bgs.ac.uk/sobi\\_scans/boreholes/17297973](https://scans.bgs.ac.uk/sobi_scans/boreholes/17297973)

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# 6 Estimated Background Soil Chemistry

Records of background estimated soil chemistry within 250m of the study site boundary:

9

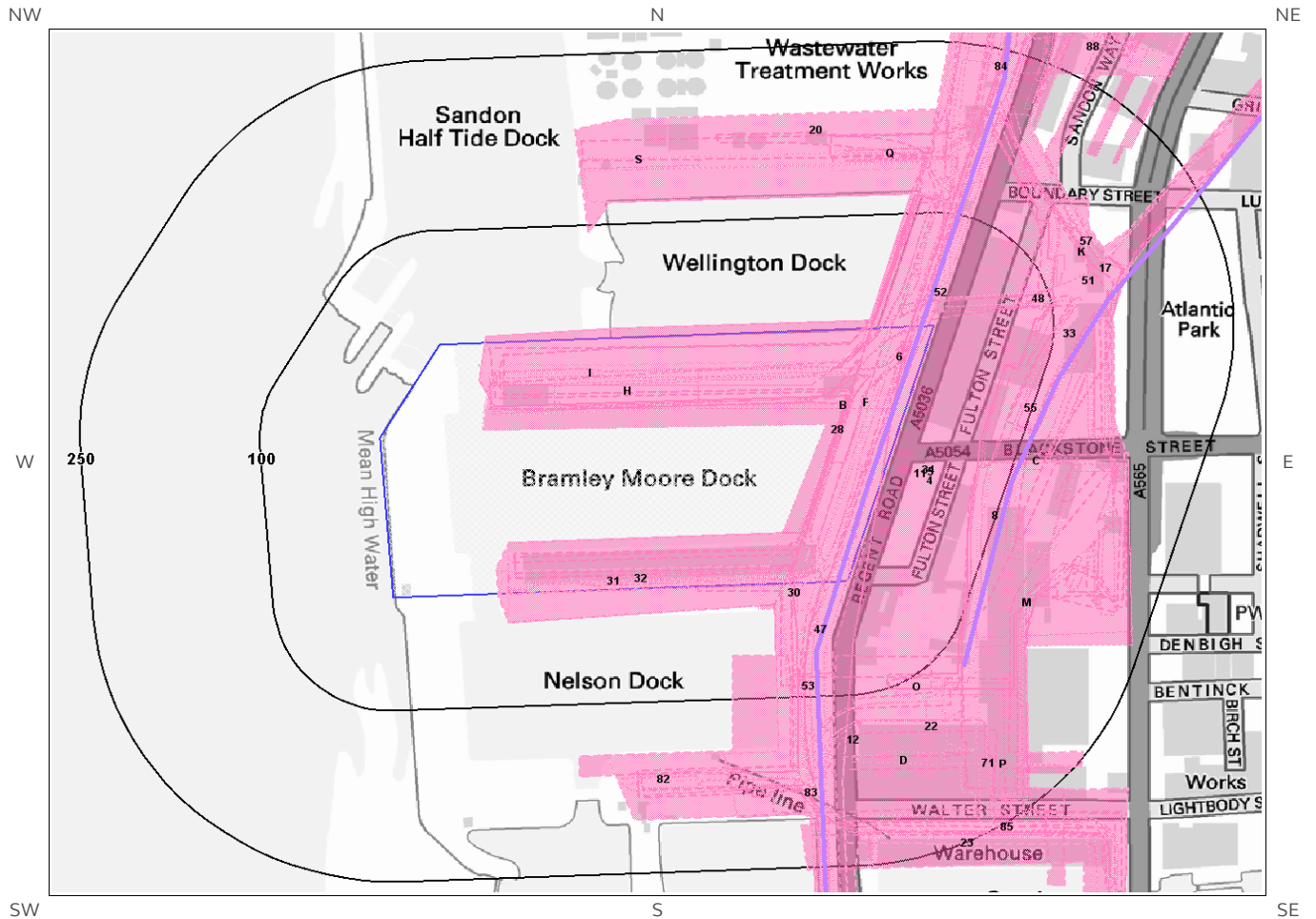
For further information on how this data is calculated and limitations upon its use, please see the Groundsure Geo Insight User Guide, available on request.

Distance (m)	Direction	Sample Type	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Nickel (Ni)	Lead (Pb)
0.0	On Site	RuralSoil	<15 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	200 - 300 mg/kg
0.0	On Site	RuralSoil	<15 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	200 - 300 mg/kg
0.0	On Site	RuralSoil	<15 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	200 - 300 mg/kg
0.0	On Site	RuralSoil	<15 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	300 - 600 mg/kg
0.0	On Site	RuralSoil	<15 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	200 - 300 mg/kg
0.0	On Site	RuralSoil	<15 mg/kg	<1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	300 - 600 mg/kg
121.0	E	RuralSoil	<15 mg/kg	<1.8 mg/kg	120 - 180 mg/kg	15 - 30 mg/kg	300 - 600 mg/kg
127.0	E	RuralSoil	<15 mg/kg	<1.8 mg/kg	120 - 180 mg/kg	15 - 30 mg/kg	200 - 300 mg/kg
209.0	SE	RuralSoil	<15 mg/kg	<1.8 mg/kg	120 - 180 mg/kg	15 - 30 mg/kg	200 - 300 mg/kg

\*As this data is based upon underlying 1:50,000 scale geological information, a 50m buffer has been added to the search radius.














# 7 Railways and Tunnels Map



**Railways and Tunnels Legend**

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	Underground or Partially Underground Railway / Subway System		Railway Track (OpenStreetMap)
	Railway Tunnel (OS Mapping)		High Speed 2
	Site Outline		Abandoned or Dismantled Railway (OpenStreetMap)
	Search Buffers (m)		Crossrail 1
			Railway Track (OS Mapping)
			Railway and/or Tunnel Feature from Historical Mapping

# 7 Railways and Tunnels

## 7.1 Tunnels

This data is derived from OpenStreetMap and provides information on the possible locations of underground railway systems in the UK - the London Underground, the Tyne & Wear Metro and the Glasgow Subway.

Have any underground railway lines been identified within the study site boundary? No

Have any underground railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

*Any records that have been identified are represented on the Railways and Tunnels Map.*

This data is derived from Ordnance Survey mapping and provides information on the possible locations of railway tunnels forming part of the UK overground railway network.

Have any other railway tunnels been identified within the site boundary? No

Have any other railway tunnels been identified within 250m of the site boundary? No

Database searched and no data found.

*Any records that have been identified are represented on the Railways and Tunnels Map.*

## 7.2 Historical Railway and Tunnel Features

This data is derived from Groundsure's unique Historical Land-use Database and contains features relating to tunnels, railway tracks or associated works that have been identified from historical Ordnance Survey mapping.

Have any historical railway or tunnel features been identified within the study site boundary? Yes

Have any historical railway or tunnel features been identified within 250m of the study site boundary? Yes

ID	Distance (m)	Direction	NGR	Details	Date
1B	0	On Site	333530 392552	Railway Sidings	1928
2A	0	On Site	333633 392501	Railway Sidings	1982
3A	0	On Site	333633 392501	Railway Sidings	1973
4	0	On Site	333662 392645	Railway Sidings	1938
5	0	On Site	333662 392645	Railway Sidings	1909
6	0	On Site	333530 392552	Railway Sidings	1890

ID	Distance (m)	Direction	NGR	Details	Date
7	0	On Site	333633 392501	Railway Sidings	1967
8	0	On Site	333744 392387	Railway Sidings	1851
9B	0	On Site	333530 392552	Railway Sidings	1907
10B	0	On Site	333530 392552	Railway Sidings	1938
11	0	On Site	333719 392609	Railway Sidings	1927
27F	0	On Site	333624 392521	Railway Sidings	1893
28	0	On Site	333515 392574	Railway Sidings	1927
29F	0	On Site	333624 392520	Railway Sidings	1908
30	0	On Site	333579 392383	Railway Sidings	1953
31	0	On Site	333428 392393	Railway Sidings	1953
32	0	On Site	333448 392396	Railway Sidings	1968
33	0	On Site	333614 392500	Railway Sidings	1967
34	0	On Site	333614 392500	Railway Sidings	1954
35F	0	On Site	n/a	Railway	1908
36G	0	On Site	333719 392750	Railway Sidings	1968
37G	0	On Site	333718 392750	Railway Sidings	1953
38	0	On Site	333718 392750	Railway Sidings	1960
39J	0	On Site	333632 392554	Railway Sidings	1968
40H	0	On Site	333440 392560	Railway Sidings	1968
41H	0	On Site	333440 392560	Railway Sidings	1954
42I	0	On Site	333416 392575	Railway Sidings	1968
43I	0	On Site	333416 392575	Railway Sidings	1954
44J	0	On Site	333629 392543	Railway Sidings	1981
45J	0	On Site	333629 392543	Railway Sidings	1981
46J	0	On Site	333629 392543	Railway Sidings	1981
47	0	On Site	333597 392315	Railway Sidings	1981
48	0	On Site	n/a	Railway	1893
49K	15	NE	333763 393106	Railway Sidings	1908
50K	15	NE	333759 393104	Railway Sidings	1927
51	21	NE	n/a	Railway	1906

ID	Distance (m)	Direction	NGR	Details	Date
52	27	N	333701 392647	Railway Sidings	1953
53	27	S	333591 392299	Railway Sidings	1953
54	27	S	333591 392279	Railway Sidings	1959
55	32	N	333766 393103	Railway Sidings	1893
56	33	S	333591 392296	Railway Sidings	1968
12	62	S	333603 392230	Railway Sidings	1928
13C	67	E	333752 392512	Railway Sidings	1928
14C	67	E	333752 392512	Railway Sidings	1890
15C	67	E	333752 392512	Railway Sidings	1938
16C	67	E	333752 392512	Railway Sidings	1907
57	70	E	333796 392761	Railway Sidings	1968
58L	70	E	333801 392601	Railway Sidings	1968
17	73	E	334362 393282	Railway Sidings	1973
59L	81	E	333801 392623	Railway Sidings	1960
60L	81	E	333801 392623	Railway Sidings	1953
18D	82	S	333651 392207	Railway Sidings	1906
19D	82	S	333651 392207	Railway Sidings	1938
61M	83	E	333748 392355	Railway Sidings	1959
62M	83	E	333748 392355	Railway Sidings	1953
63N	86	S	333583 392241	Railway Sidings	1927
64N	86	S	333584 392241	Railway Sidings	1908
20	89	N	333705 392820	Railway Sidings	1851
21M	98	SE	333747 392391	Railway Sidings	1967
65O	98	SE	333683 392300	Railway Sidings	1927
66O	98	SE	333683 392300	Railway Sidings	1908
67	110	S	333612 391982	Railway Sidings	1893
68	110	N	333758 392864	Railway Sidings	1968
22	112	S	333599 392252	Railway Sidings	1890

ID	Distance (m)	Direction	NGR	Details	Date
69P	120	SE	333746 392202	Railway Sidings	1927
70P	120	SE	333746 392202	Railway Sidings	1908
71	122	SE	333829 392133	Railway Sidings	1893
72Q	147	N	333660 392770	Railway Sidings	1908
73Q	147	N	333660 392770	Railway Sidings	1927
74R	148	N	333768 392870	Railway Sidings	1981
75R	148	N	333768 392870	Railway Sidings	1981
76R	148	N	333768 392870	Railway Sidings	1981
77S	149	N	333451 392764	Railway Sidings	1954
78S	149	N	333451 392764	Railway Sidings	1968
79D	152	S	333666 392241	Railway Sidings	1927
80D	152	S	333666 392241	Railway Sidings	1908
81D	152	S	333666 392241	Railway Sidings	1893
82	167	S	333468 392219	Railway Sidings	1953
83	173	S	333597 392206	Railway Sidings	1968
84	190	N	n/a	Railway	1890
23	212	S	333835 392068	Railway Sidings	1890
85	213	S	333846 392155	Railway Sidings	1953
86T	213	NE	333863 392908	Railway Sidings	1953
87T	214	NE	333863 392908	Railway Sidings	1960
88	229	N	n/a	Railway	1908
24E	233	N	333874 392971	Railway Sidings	1928
25E	233	N	333874 392971	Railway Sidings	1907
26E	233	N	333874 392971	Railway Sidings	1938

*Any records that have been identified are represented on the Railways and Tunnels Map.*

## 7.3 Historical Railways

This data is derived from OpenStreetMap and provides information on the possible alignments of abandoned or dismantled railway lines in proximity to the study site.

Have any historical railway lines been identified within the study site boundary? Yes

Have any historical railway lines been identified within 250m of the study site boundary? Yes

Distance (m)	Direction	Status
0	On Site	Abandoned
103	E	Abandoned

Note: multiple sections of the same track may be listed in the detail above

*Any records that have been identified are represented on the Railways and Tunnels Map.*

## 7.4 Active Railways

These datasets are derived from Ordnance Survey mapping and OpenStreetMap and provide information on the possible locations of active railway lines in proximity to the study site.

Have any active railway lines been identified within the study site boundary? No

Have any active railway lines been identified within 250m of the study site boundary? No

Database searched and no data found.

Note: multiple sections of the same track may be listed in the detail above

*Any records that have been identified are represented on the Railways and Tunnels Map.*

## 7.5 Railway Projects

These datasets provide information on the location of large scale railway projects High Speed 2 and Crossrail 1 .

Is the study site within 5km of the route of the High Speed 2 rail project? No

Is the study site within 500m of the route of the Crossrail 1 rail project? No

*Further information on proximity to these routes, the project construction status and associated works can be obtained through the purchase of a Groundsure HS2 and Crossrail 1 Report.*

The route data has been digitised from publicly available maps by Groundsure. The route as provided relates to the Crossrail 1 project only, and does not include any details of the Crossrail 2 project, as final details of the route for Crossrail 2 are still under consultation.

# Contact Details

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info@groundsure.com



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Web: [www.bgs.ac.uk](http://www.bgs.ac.uk)

BGS Geological Hazards Reports and general geological enquiries



**British  
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DX 716176 Mansfield 5  
[www.coal.gov.uk](http://www.coal.gov.uk)



**The Coal  
Authority**

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<https://www.gov.uk/government/organisations/public-health-england>  
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Main switchboard: 020 7654 8000



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# Contact Details

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## Standard Terms and Conditions

### 1 Definitions

In these terms and conditions unless the context otherwise requires:

**“Beneficiary”** means the person or entity for whose benefit the Client has obtained the Services.

**“Client”** means the party or parties entering into a Contract with Groundsure.

**“Commercial”** means any building or property which is not Residential.

**“Confidential Information”** means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by Groundsure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

**“Support Services”** means Support Services provided by Groundsure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

**“Contract”** means the contract between Groundsure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

**“Third Party Data Provider”** means any third party providing Third Party Content to Groundsure.

**“Data Reports”** means reports comprising factual data with no accompanying interpretation.

**“Fees”** has the meaning set out in clause 5.1.

**“Groundsure”** means Groundsure Limited, a company registered in England and Wales under number 03421028.

**“Groundsure Materials”** means all materials prepared by Groundsure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

**“Intellectual Property”** means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

**“Mapping”** means a map, map data or a combination of historical maps of various ages, time periods and scales.

**“Order”** means an electronic, written or other order form submitted by the Client requesting Services from Groundsure in respect of a specified Site.

**“Ordnance Survey”** means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

**“Order Website”** means the online platform through which Orders may be placed by the Client and accepted by Groundsure.

**“Report”** means a Risk Screening Report or Data Report for Commercial or Residential property.

**“Residential”** means any building or property used as or intended to be used as a single dwelling.

**“Risk Screening Report”** means a risk screening report comprising factual data with an accompanying interpretation by Groundsure.

**“Services”** means any Report, Mapping and/or Support Services which Groundsure has agreed to provide by accepting an Order pursuant to clause 2.6.

**“Site”** means the area of land in respect of which the Client has requested Groundsure to provide the Services.

**“Third Party Content”** means data, database information or other information which is provided to Groundsure by a Third Party Data Provider.

**“User Guide”** means the user guide, as amended from time to time, available upon request from Groundsure and on the website ([www.Groundsure.com](http://www.Groundsure.com)) and forming part of this Contract.

### 2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 Groundsure agrees to provide the Services in accordance with the Contract.

2.2 Groundsure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of Groundsure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, Groundsure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and Groundsure will have no liability therefor. In addition you acknowledge and agree that Groundsure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 Groundsure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by Groundsure.

Groundsure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by Groundsure. Groundsure's acceptance of an Order shall be binding only when made in writing and signed by Groundsure's authorised representative or when accepted through the Order Website.

### 3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to Groundsure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to Groundsure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as Groundsure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable Groundsure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the Groundsure Materials, or use the Groundsure Materials in a manner for which they were not intended. The Client may make the Groundsure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that Groundsure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

### 4 Reliance

4.1 The Client acknowledges that the Services provided by Groundsure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by Groundsure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

(i) the Beneficiary,  
(ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),  
(iv) the first purchaser or first tenant of the Site, and  
(v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by Groundsure. Any party considering such Reports and Services does so at their own risk.

### 5 Fees and Disbursements

5.1 Groundsure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by Groundsure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together “Fees”).

5.2 The Client shall pay all outstanding Fees to Groundsure in full without deduction, counterclaim or set off within 30 days of the date of Groundsure's invoice or such other period as may be agreed in writing between Groundsure and the Client (“Payment Date”). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of Groundsure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

### 6 Intellectual Property and Confidentiality

6.1 Subject to

(i) full payment of all relevant Fees and  
(ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the Groundsure Materials.

6.2 All Intellectual Property in the Groundsure Materials are and shall remain owned by Groundsure or Groundsure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure

acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the Groundsure Materials shall:

(i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to Groundsure or any third party from the Services;

(ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;

(iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);

(iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the Groundsure Materials in order to advise the Beneficiary in a professional capacity. However, Groundsure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify Groundsure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

## **7.Liability: Particular Attention Should Be Paid To This Clause**

7.1 This Clause 7 sets out the entire liability of Groundsure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

(i) any breach of contract, including any deliberate breach of the Contract by Groundsure or its employees, agents or subcontractors;

(ii) any use made of the Reports, Services, Materials or any part of them; and

(iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 Groundsure shall not be liable for

(i) loss of profits;

(ii) loss of business;

(iii) depletion of goodwill and/or similar losses;

(iv) loss of anticipated savings;

(v) loss of goods;

(vi) loss of contract;

(vii) loss of use;

(viii) loss or corruption of data or information;

(ix) business interruption;

(x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;

(xi) loss or damage that arise as a result of the use of all or part of the Groundsure Materials in breach of the Contract;

(xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the Groundsure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;

(xiii) loss or damage to a computer, software, modem, telephone or other property; and

(xiv) loss or damage caused by a delay or loss of use of Groundsure's internet ordering service.

7.5 Groundsure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 Groundsure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of Groundsure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against Groundsure in relation to the Services or other matters arising pursuant to the Contract.

## **8 Groundsure's right to suspend or terminate**

8.1 If Groundsure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, Groundsure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 Groundsure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to Groundsure within 30 days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

## **9. Client's Right to Terminate and Suspend**

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon Groundsure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are

(a) supplied to the Client's specification(s) and in any event  
(b) by their nature cannot be returned.

## **10 Consequences of Withdrawal, Termination or Suspension**

10.1 Upon termination of the Contract:

(i) Groundsure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in Groundsure's possession or control; and

(ii) the Client shall pay to Groundsure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay Groundsure any additional costs incurred in relation to the termination or suspension of the Contract.

## **11 Anti-Bribery**

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of Groundsure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to Groundsure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

## **12 General**

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through Groundsure.

12.3 Groundsure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of Groundsure.

12.4 No failure on the part of Groundsure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 Groundsure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

- (i) the Client or Beneficiary's failure to provide facilities, access or information;
- (ii) fire, storm, flood, tempest or epidemic;
- (iii) Acts of God or the public enemy;
- (iv) riot, civil commotion or war;
- (v) strikes, labour disputes or industrial action;
- (vi) acts or regulations of any governmental or other agency;
- (vii) suspension or delay of services at public registries by Third Party Data Providers;
- (viii) changes in law; or
- (ix) any other reason beyond Groundsure's reasonable control.

In the event that Groundsure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then Groundsure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 Groundsure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at Groundsure who will respond in a timely manner. In the event you are not satisfied with Groundsure's complaints handling process or you are unable to resolve the complaint, at your discretion you may refer the complaint to The Property Ombudsman Scheme at the following URL/email: website [www.tpos.co.uk](http://www.tpos.co.uk) or email: [admin@tpos.co.uk](mailto:admin@tpos.co.uk)

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law

## Appendix D – BGS Borehole Logs

British Geological Survey		<b>RECORD OF BOREHOLE No: BH1</b>		British Geological Survey	
START DATE: 14/01/97		CASING DETAILS: 150 mm to 1200 m		SHEET 1 OF 1	
DRILLING METHOD: CABLE PERCUSSION		BOREHOLE DIA: 150 mm to 1320 m		NATIONAL GRID CO-ORDINATES: E...33671..... N...92452.....	
EQUIPMENT: EDECO 1.5t				GROUND LEVEL 9.36.....m O.D.	

Date & Time	Casing Depth (m)	Depth to Water (m)	SAMPLE			U100 Blows	U100 Rec.(m)	DESCRIPTION OF STRATA	Depth (Thickness) (m)	Level (m.O.D.)	Strata Symbol
			Depth (m) At/From To	Type	No.						
14/01			Geological Survey					MADE GROUND: Very dense, red-brown, sandy (fine to coarse) angular fine to coarse gravel and cobbles of brick and concrete (DEMOLITION RUBBLE).			
	1.50	Dry	1.50	1.70	-	-	150	C 60			
			1.70		D	2			(3.35)		
British Geological Survey			2.00		B	3		British Geological Survey	British Geological Survey		
	2.50	Dry	2.50	2.95	D	4		S 23	Below 2.50m becoming medium dense.		
			2.91	3.50	B	5					
									3.35	5.01	
			3.60		D	6			Stiff, brown, sandy (fine to coarse) silty CLAY with a little subangular and subrounded fine and medium gravel of sandstone and siltstone.		
British Geological Survey	3.00	Dry	3.80	4.25	U	7	57	0.45	(GLACIAL DRIFT)	(1.70)	
			4.50		D	8					
			4.75		W	24					
	4.70	Dry	5.00	5.45	D	9		S 13	Medium dense, red-brown, clayey silty fine to coarse SAND with some fine to coarse gravel.	5.05	3.31
			5.01	6.00	B	10			(GLACIAL DRIFT)		
British Geological Survey									(1.75)		
14/01 20min	6.00	6.05	6.00	6.05							
	6.60	6.40	6.60	7.05	D	11		S 19			
			6.61	7.60	B	12			6.80	1.56	
	7.50		7.20	7.60	8.05	U	13	49	0.45		
		British Geological Survey	8.05	8.25	D	14			(GLACIAL DRIFT)	(2.20)	
	9.00	7.15	9.00	9.45	D	15		S 33	From 8.50m to 9.00m driller noted grey sand.	9.00	-0.64
British Geological Survey									Stiff, brown, sandy (fine to coarse) silty CLAY with a little subangular and subrounded fine and medium gravel of sandstone and mudstone.		
									(GLACIAL DRIFT)		
14/01	9.00	7.70	10.00		D	16					

#### REMARKS:

- Prior to boring, a Cable Avoidance Tool (CAT) survey was carried out to check for services. Services were not located.
- Groundwater was encountered at 6.05m depth rising to 4.95m in 20 minutes.
- The borehole was advanced by chiselling from 1.80m to 1.90m depth (Total time 0.50 hrs), from 2.00m to 2.20m depth (Total time 1.00 hrs) and from 2.30m to 2.35m depth (Total time 0.50 hrs).
- On completion of sampling, a 50mm diameter slotted standpipe was installed with the slotted section between 3.50m and 1.00m and the following details: lower bentonite seal from the base

SCALE 1:50

Logged by MSW/sjr	Date 17/01
Checked by SJR	14/02
Approved by RJE	19/02

**FOUNDATION  
& EXPLORATION  
SERVICES**

REGENT ROAD, LIVERPOOL

CONTRACT No. 3447

FIGURE: 1

## RECORD OF BOREHOLE No: BH1

START DATE: 14/01/97

CASING DETAILS: 150 mm to 12.00 m

SHEET 2 OF 1

DRILLING METHOD: CABLE PERCUSSION

BOREHOLE DIA: 150 mm to 13.20 m

NATIONAL GRID CO-ORDINATES:  
E...33677..... N...92459.....  
GROUND LEVEL 8.36.....m O.D.

EQUIPMENT: EDECO 1.5t

Date & Time	Casing Depth (m)	Depth to Water (m)	SAMPLE			U100 Blows (mm)	U100 Rec. (m)	DESCRIPTION OF STRATA	Depth (Thickness) (m)	Level (m O.D.)	Strata Symbol
			Depth (m) At/From To	Type	No.						
15/01	9.00	6.20	10.00	D	16			SILTY CLAY as previous page.			
	10.00	8.10	10.50 10.80	U	17	50	0.30		(3.00)		
			11.00	D	19						
			11.80	D	20						
	12.00	8.35	12.00 12.30	U	21	75	0.30	Grey, silty, fine to coarse SAND with some angular fine and medium gravel of sandstone. (GLACIAL DRIFT)	12.00 (0.60)	-3.64	
	12.00	7.70	12.80 13.10	U	22	75	0.30	Stiff, brown, sandy (fine and medium) silty CLAY with a little subangular and subrounded fine and medium gravel of sandstone and mudstone. (GLACIAL DRIFT)	12.60 (0.40)	-4.24	
15/01	12.00	7.70	13.20	D	23			Red-brown, moderately weathered, fine and medium grained SANDSTONE, weak.	13.00 (0.20) 13.20	-4.64	
								END OF BOREHOLE			

REMARKS: of the hole up to 350mm gravel filter up to 100mm upper bentonite seal up to 0.50m and concrete to ground level with a flush protective stop cock box cover.

Logged by MSW/SJR 17/01

Checked by SJR 14/02

Approved by RJE 19/02

SCALE 1:50

British Geological Survey

British Geological Survey

FOUNDATION  
& EXPLORATION  
SERVICES

REGENT ROAD, LIVERPOOL

CONTRACT No. 3447

FIGURE: 1

PROJECT: REGENT ROAD, LIVERPOOL			METHOD OF EXCAVATION: MECHANICAL EXCAVATION			RECORD OF TRIAL PIT NO: TP6				
LOCATION:			SURFACE DIMENSIONS OF PIT: 2.85m x 2.78m			CO-ORDINATES:				
CONTRACT NO: 3447			START DATE: 14/08/97			FINISH DATE: 14/08/97				
INSTRUMENTING: Geological			SURVEILLANCE: British Geological Survey			Sheet 1 of 1				
GROUND LEVEL: 7.89 m.O.D.			GROUND LEVEL: 7.89 m.O.D.			British Geological Survey				
Depth (m)	Type	Result	Depth (m)	Type	No.	DESCRIPTION OF STRATA	Width (m)	Depth (m)	Level (m.O.D.)	Strata Symbol
0.30	D	1	0.30	D	1	MADE GROUND: Dense, light grey and black, sandy (fine to coarse) angular fine and medium gravel and cobbles of brick, concrete and ash (DEMOLITION RUBBLE).	0.40	0.40	6.69	
0.80	D	2	0.80	D	2	MADE GROUND: Dense, light grey, sandy (fine to coarse) angular fine to coarse gravel and cobbles of brick and concrete (DEMOLITION RUBBLE).	0.40	0.40	6.69	
1.70	D	3	1.70	D	3	At 1.85m encountered timber fragments up to 150m in length.	0.40	0.40	6.69	
2.60	VN	92 kPa	2.60	D	4	MADE GROUND: Brick floor with screed cover.	0.40	2.30	4.79	
3.00	VN	104 kPa	2.80	D	4	Stiff, brown, slightly sandy (fine and medium) silty CLAY with a little subangular and subrounded fine and medium gravel of sandstone.	0.40	2.40	4.69	
						<GLACIAL DRIFT>	0.40			
						END OF TRIAL PIT	0.40	3.40	3.69	

REMARKS:	1. Prior to mechanical excavation, a Cable Avoidance Tool (CAT) survey was carried out to check for services. Services were not located.	British Geological Survey	Logged by:	Date:	FOUNDATION & EXPLORATION SERVICES
	2. The presence of groundwater was not apparent during excavation.		MSW/sjr	14/01	
	3. The sides of the trial pit were very unstable and collapsing to 2.30m depth.		Checked by:	14/02	
	4. A brick wall (footing?) was encountered in the eastern pit face from ground level to 2.30m depth.		Approved by:	19/02	
	5. The concrete slab at 2.30m depth was broken out with a hydraulic breaker attached to the excavator (Total Time 0.50 hrs).				FIGURE:
	6. On completion of sampling, the trial pit was backfilled to ground level with spoil.				8

Scale 1:25