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RANELAGH ROAD
HAVANT, HAMPSHIRE

DEVELOPMENT DRAINAGE STRATEGY

DATED 13.07.12

FOR ORCHARD HOMES AND DEVELOPMENTS LTD.

RHB/9964
13.07.12

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Introduction

Reuby & Stagg were commissioned by Orchard Homes. To carry out a proposed development drainage assessment, for the discharge of the future site's surface and foul drainage to assist a planning application.

R&S has prepared this assessment on information provided by Orchard Homes, the clients Architect, survey information and discussions held with the Environment Agency.

Site Description

The site is situated to the northeast of Marples Way and to the south of Ranelagh Road and Meyrick Road. Hermitage Stream is to the west of the site. National Grid Reference SU708063

The total area of the site is approx. 2ha with 0.55ha existing impermeable surfacing. The site was previously allotment gardens, open field and derelict farm buildings. A site survey is shown on drawings 9964-02 attached. The current topography of the site is such that the site grades from North to South and generally East to West, 7.8m to 6.4m AOD and 6.9m to 6.4m AOD respectively

The following features exist around and adjacent to the site.

- Ranelagh Road runs along the Northern Boundary and is the proposed access point to the site.
- The Hermitage stream runs 74m of the Western Boundary and in the zone between the stream and the site exists existing water authority foul sewer infrastructure.
- To the South of the proposed development lie existing industrial units.
- To the East existing residential homes served off Brockhampton

Discussion

The site proposals allow for and incorporate access from Ranelagh Road, Internal road and footway network, Private courtyards and drives and the construction of 81 residential units. The site has been subject to a Flood Risk Assessment carried out by Richard Allitt Associates (see appendix A) and concludes the development to be within Flood Zone 1 (little or no risk, annual probability <0.1%) this includes climate change, however, it also confirms as shown in Appendix A, that the development lies within an aquifer protection zone which limits discharge to ground.

Domestic Foul drainage, would require to be drained by gravity to an outfall to be determined and approved by Southern Water but expected to be the existing 525 sewer on the Eastern Boundary, the sewers shall be constructed in accordance with sewers for adoption and offered to Southern Water for adoption on satisfactory completion.

Surface water drainage. As the site lies wholly in an inner groundwater source protection zone, discharge to ground is normally not accepted however, following discussion with the Environment Agency where the hierarchy of discharge was reviewed it was agreed that surface water discharge to ground would be acceptable assuming suitable SUDS techniques were introduced to protect the ground water this was due to the fact that no surface water infrastructure exists in the area, the existing impermeable area discharges to ground and discharge to the water course to the East would have the same impact on the groundwater as direct discharge, but result in the increased possibility of flooding downstream.

Conclusion

To incorporate SUDS techniques and provide a suitable management train it was viewed best practice to deal with surface water as below.

1 Surface water as a result of impermeable roof areas, the quality of runoff from roofs in a residential development is deemed as being uncontaminated and as such is a good source groundwater recharge. If discharge on a plot by plot basis where possible would introduce a discharge more in line with its origin and mimic a natural drainage regime, therefore plot soakaways are proposed for roof drainage for each unit in line with Building Regulations Part H

2 Surface water as a result of impermeable roads and driveways, The discharge from roads and driveways to ground are the biggest single risk from a residential development of contaminants leaching into the ground. As this development is in an Inner protection zone the hierarchy of SUDs techniques have been review to determine the most suitable elements that are possible for a development of this

nature and density to provide the best water quality discharge primarily but with the additional benefits to Landscape, Wildlife & Flood reduction.

The SUDS Hierarchy

Hierarchy Most Suitable	<u>SUDS Technique</u>
	Basins Ponds Wetlands Balancing pond Detention basin Retention basin
	Filter Strips and Swales
	Infiltration Devices Soakaways Infiltration Trenches & Basins
	Permeable surfaces & filter drains Graveled areas Solid paving blocks Porous paving
	Tanked systems oversized pipes/tanks storm cells
Least Suitable	

From the above and due to the constraints of a residential development of this size and the importance being placed on water quality by the EA the following strategy from road and driveway drainage is proposed.

1. At source filtration the use of porous paving on all surfaces, this will allow pollutants to be washed into the sub-base which will filter out any solid particles, in this situation the formation will be lined with an impermeable membrane at formation level which will prevent direct discharge to ground.
2. Filter drains shall be installed below or within the porous sub base these drains shall be perforated in nature and allow the sub-base water to be distributed to either localized swales/basins or distributed to the end of line or regional basin that shall be developed in the North West corner of the site
3. A detention basin will be constructed in the North West corner of the site, a detention basin is a basin that is primarily dry when a storm commences and attenuates the surface water produced by the impermeable area and

allows the discharge to ground at its natural rate it is proposed that this basin along with the more localized swale basins will be constructed with filtering sub-base material and grassed allowing two stage treatment after initial treatment provided by the porous surface.

It is proposed that if we follow the above management train we shall provide surface water treatment at source, attenuation and treatment at site and the management of surface water run-off at a regional level, for this site by means of the detention basin, the basin should also provide wildlife and ecological benefits if adequately landscaped with suitable native plants.



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Revision 'C'

Flood Risk Assessment

Site south of Ranelagh Road, Havant

Report Ref: **S1491**
Dated: **July 2012**

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**Flood Risk Assessment for
Site South of Ranelagh Road, Havant**



This Flood Risk Assessment Report has been prepared in accordance with "Planning Policy Statement 25: Development and Flood Risk" (PPS25) published by Communities and Local Government in December 2006 (revised in March 2010) and in accordance with "Planning Policy Statement 25: Development and Flood Risk, Practice Guide" published by Communities and Local Government in June 2008 and updated in December 2009.

This report is a:-

Level 3 (Detailed Assessment) FRA

Document title Flood Risk Assessment for Site South of
Ranelagh Road, Havant

Status Revision C Final

Date 18/07/2012

Project name Site South of Ranelagh Road

Project number S1491

Client Orchard Homes

Drafted by Ally Martin

Checked by R Allitt

Date/initials check 18/07/2012 RCA

Approved by R Allitt

Date/initials approval 18/07/2012 RCA

This document has been prepared solely as a Flood Risk Assessment Report for Orchard Homes in support of a Planning Application for the Site South of Ranelagh Road, Havant. RAA accepts no responsibility or liability for any use made of this document other than by Orchard Homes for the purposes for which it was originally commissioned and prepared. All comments and opinions are based upon information available to RAA at the time of carrying out the Flood Risk Assessment; including estimates made by the Environment Agency or others on the probability of certain flood levels or extents being reached. RAA accepts no liability in the event that any of the information is found to be erroneous, incomplete or misleading.

1 Development description and location

1a What type of development is proposed and where will it be located?

The proposed development site is outlined in red in the location plan to the right.

The site is situated to the northeast of Marples Way and to the south of Ranelagh Road and Meyrick Road. Hermitage Stream is to the west of the site.

The proposed development is residential throughout.

1b What is its vulnerability classification?

The proposed residential development is classed, according to Table D.2 of PPS25, as "More Vulnerable".

1c Is the proposed development consistent with the Local Development Documents (LDD)?

Yes; the site is shown in the draft 'Allocations Plan Development Plan Document' which is part of the Local Development Framework. The northern part of the site, directly south of Ranelagh Road, under the saved policies, is allocated in the Havant Borough District Wide Local Plan; however the rest of the site is not yet allocated. The site will be formally allocated upon adoption of the 'Allocations Plan Development Plan Document' which is not likely until 2013 at the earliest. The Planning Consultant employed by the applicant has prepared a "Planning Statement" which explains better the planning aspects of this site; reference should be made to this "Planning Statement" for more information.



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1d Provide evidence that the Sequential Test and where necessary the Exception Test has been applied in the selection of this site for this development type.

The Exception Test does not apply to this site as it is within Flood Zone 1. Havant Borough Council in identifying this site for housing has fulfilled the Sequential Test.

1e Will your proposal increase overall the number of occupants and/or users of the building/land; or the nature or times of occupation or use, such that it may affect the degree of flood risk to these people?

The development will increase the population of the site. The proposed development will comprise 81 houses and flats with approximately 53 3-bedroom houses, 6 2-bedroom houses, 12 2-bedroom flats and 10 1-bedroom flats. The anticipated population will therefore be in the region of between 150 and 300 depending upon occupancy rates. There will be no increase in the risk of flooding as the development is entirely within flood zone 1.

2 Definition of the flood hazard

2a What sources of flooding could affect the site?

Potential Source	Yes / No
Fluvial Flooding	No
Flooding from the Sea	No
Flooding due to tidelocking	No
Groundwater Flooding	No
Overland Flow Flooding	No
Flooding from artificial drainage systems	No
Flooding due to Infrastructure failure	No
Flooding from another source	No

2b For each identified source, describe how flooding would occur, with reference to any historic records wherever these are available.

The location of the development site is in a relatively low lying area in Havant near to the Hermitage Stream. There is no fluvial flood risk at this site as the site lies outside even the 1 in 1000 year flood outline, as shown overleaf. The Hermitage Stream also acts to limit groundwater levels because any rise in groundwater levels simply increases the groundwater flows into the Hermitage Stream.

Major sewers run along the western edge of the site. Investigations into the failure of this infrastructure have been undertaken, and it has been found that there is no risk to the development site, as any flow from this infrastructure failure would be towards to the Hermitage Stream to the west of the site.

2c What are the existing surface water drainage arrangements for the site?

The existing site has no known formal drainage arrangements. The small number of buildings currently on the site either drain to soakaways or have no formal drainage.

3 Probability

3a Which flood zone is the site within?

Environment Agency maps, as shown below, show that the site is located entirely within Flood Zone 1.



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3b If there is a Strategic Flood Risk Assessment (SFRA) covering this site, what does it show?

A Strategic Flood Risk Assessment for the South Hampshire area has been prepared by Atkins and was published in autumn 2007. This showed different data to the Environment Agency maps, but the Environment Agency confirmed that their data set was the most up to date, as shown in Annex 'C'.

3c What is the probability of the site flooding, taking account of the contents of the SFRA and of any further site specific assessment?

The plan above shows the proposed site boundary (outlined in red) and the Environment Agency's flood extents for a 1 in 100 year including climate change (highlighted in blue) and 1 in 1,000 year fluvial flood event (highlighted in green).

The site does not flood even for the 1 in 1,000 year flood condition. The plan above clearly shows the site is not liable to flooding.

With the SFRA being superseded by the Environment Agency data, it is appropriate to consider the latest data from the EA (as in Annex C) instead of the SFRA results. Also see the e-mail confirmation from the EA also in Annex C.

3d What are the existing rates and volumes of run-off generated by the site?

There is only natural Greenfield site runoff from this site.

4 Climate change

4a How is flood risk at the site likely to be affected by climate change?
The analysis undertaken above includes for climate change.

5 Detailed development proposals

5a Where appropriate, are you able to demonstrate how land-uses most sensitive to flood damage have been placed in areas within the site that are at least risk of flooding, including providing details of the development layout?
The detailed development site plan is shown in Annex A.

The development comprises of a total of 59 two and three bedroom houses and 22 one and two bedroom flats. As there is no flood risk on the development site, the properties are distributed evenly across the site.

There are Southern Water sewers which skirt the western edge of the site, running from north to south, as shown in Annex B. There is an area on the extreme western edge of the site where no buildings can be constructed (the sewer easement), shown with hatching in the plan in Annex A. This has been considered in the layout of the development by using this area for back gardens and parking areas.

6 Flood risk management measures

6a How will the site be protected from flooding, including the potential impacts of climate change, over the development's lifetime?

No flood risk management measures are proposed as none are required.

7 Off site impacts

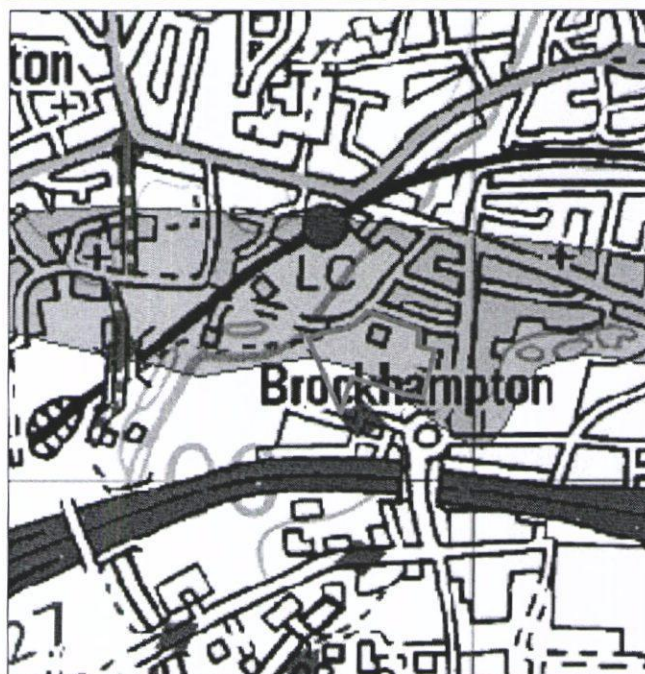
7a How will you ensure that your proposed development and the measures to protect the site from flooding will not increase flood risk elsewhere?

There will be no change to the flood risk elsewhere in the Havant area.

7b How will you prevent run-off from the completed development causing an impact elsewhere?

There is a drainage report being prepared to accompany the planning application. It will set out the SuDS techniques available. The site lies predominantly within an aquifer protection zone (see map below) which may limit the opportunities to use soakaways, porous pavings and soakage trenches.

The measures to be employed are therefore more likely to be balancing ponds and swales with a final discharge to the Hermitage Stream, but these will be discussed in more detail in the drainage report. The EA have been consulted with regards to groundwater protection, water quality, flood risk and water efficiency.



8 Residual risks

8a What flood-related risks will remain after you have implemented the measures to protect the site from flooding?

There are no residual risks to the site.

8b How, and by whom, will these risks be managed over the lifetime of the development?

Because there are no residual risks there will be no need to manage them.

Annex 'A' – Detailed Site Development Plan

The following page shows the detailed site development plan.

Ranelagh road

House type A- 6 no.
(2-bed semi-detached 2 storey house)

House type B- 32 no.
(3-bed semi-detached 2-storey house;
wide and narrow plan versions)

House type C- 11 no.
(3-bed detached 2 storey house; wide and narrow plan
versions), 5 of which have single garages.

House type D- 10 no.
(3-bed 3 storey semi-detached house)

12 x 2-bed flats
10 x 1-bed flats

Total houses = 59 no.
Total flats = 22 no.
Total dwellings = 81 no.

Site area 2.096 hectares;
Density 39 dph;

Affordable 30% = 24 dwellings comprising:
8 x 1-bed flats;
8 x 2-bed flats;
7 x 3-bed houses; (Plots 24,25,32,33,34,35,55)
1 x 2-bed house; (Plot 56)

Car parking- generally 2 spaces each in-curtilage for
houses; 2 spaces in shared courts (allocated) for eight
houses. Flats parking (unallocated) at ratio 1.3 spaces for 2-
bed flats and 0.9 spaces for 1-bed flats. All spaces
identified on plan.



Proposed site plan
1 : 500



Key:
Width of Adopted fence panel in metres

1	House type A- 6 no.	Plot 11	1	House type D- 10 no.	Plot 12
2	House type B- 32 no.	Plot 13	2	House type C- 11 no.	Plot 14
3	House type C- 11 no.	Plot 15	3	House type D- 10 no.	Plot 16
4	House type A- 6 no.	Plot 17	4	House type B- 32 no.	Plot 18
5	House type B- 32 no.	Plot 19	5	House type C- 11 no.	Plot 20
6	House type C- 11 no.	Plot 21	6	House type D- 10 no.	Plot 22
7	House type A- 6 no.	Plot 23	7	House type B- 32 no.	Plot 24
8	House type B- 32 no.	Plot 25	8	House type C- 11 no.	Plot 26
9	House type C- 11 no.	Plot 27	9	House type D- 10 no.	Plot 28
10	House type A- 6 no.	Plot 29	10	House type B- 32 no.	Plot 30
11	House type B- 32 no.	Plot 31	11	House type C- 11 no.	Plot 32
12	House type C- 11 no.	Plot 33	12	House type D- 10 no.	Plot 34
13	House type A- 6 no.	Plot 35	13	House type B- 32 no.	Plot 36
14	House type B- 32 no.	Plot 37	14	House type C- 11 no.	Plot 38
15	House type C- 11 no.	Plot 39	15	House type D- 10 no.	Plot 40
16	House type A- 6 no.	Plot 41	16	House type B- 32 no.	Plot 42
17	House type B- 32 no.	Plot 43	17	House type C- 11 no.	Plot 44
18	House type C- 11 no.	Plot 45	18	House type D- 10 no.	Plot 46
19	House type A- 6 no.	Plot 47	19	House type B- 32 no.	Plot 48
20	House type B- 32 no.	Plot 49	20	House type C- 11 no.	Plot 50
21	House type C- 11 no.	Plot 51	21	House type D- 10 no.	Plot 52
22	House type A- 6 no.	Plot 53	22	House type B- 32 no.	Plot 54
23	House type B- 32 no.	Plot 55	23	House type C- 11 no.	Plot 56
24	House type C- 11 no.	Plot 57	24	House type D- 10 no.	Plot 58
25	House type A- 6 no.	Plot 59	25	House type B- 32 no.	Plot 60
26	House type B- 32 no.	Plot 61	26	House type C- 11 no.	Plot 62
27	House type C- 11 no.	Plot 63	27	House type D- 10 no.	Plot 64
28	House type A- 6 no.	Plot 65	28	House type B- 32 no.	Plot 66
29	House type B- 32 no.	Plot 67	29	House type C- 11 no.	Plot 68
30	House type C- 11 no.	Plot 69	30	House type D- 10 no.	Plot 70
31	House type A- 6 no.	Plot 71	31	House type B- 32 no.	Plot 72
32	House type B- 32 no.	Plot 73	32	House type C- 11 no.	Plot 74
33	House type C- 11 no.	Plot 75	33	House type D- 10 no.	Plot 76
34	House type A- 6 no.	Plot 77	34	House type B- 32 no.	Plot 78
35	House type B- 32 no.	Plot 79	35	House type C- 11 no.	Plot 80
36	House type C- 11 no.	Plot 81	36	House type D- 10 no.	Plot 82
37	House type A- 6 no.	Plot 83	37	House type B- 32 no.	Plot 84
38	House type B- 32 no.	Plot 85	38	House type C- 11 no.	Plot 86
39	House type C- 11 no.	Plot 87	39	House type D- 10 no.	Plot 88
40	House type A- 6 no.	Plot 89	40	House type B- 32 no.	Plot 90
41	House type B- 32 no.	Plot 91	41	House type C- 11 no.	Plot 92
42	House type C- 11 no.	Plot 93	42	House type D- 10 no.	Plot 94
43	House type A- 6 no.	Plot 95	43	House type B- 32 no.	Plot 96
44	House type B- 32 no.	Plot 97	44	House type C- 11 no.	Plot 98
45	House type C- 11 no.	Plot 99	45	House type D- 10 no.	Plot 100

sherlockboswellarchitecture

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Project	Land to the South of Ranelagh Road Havant Hampshire	Date	Feb 2012
Scale	1 : 500	Plot	A1
Client	Orchard Homes & Developments Ltd	Plot No.	1015
Revision	Site Plan as Proposed	Page No.	103
		Drawn	Q

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Annex 'B' – Southern Water Assets

The following pages show an extract from the Southern Water Sewer Records.

SEWER RECORDS

106432



105854

470617

O.S. REF.

SU7106SW

Title: Site 5

Drawn by: PowellLi

Scale: 1:2500

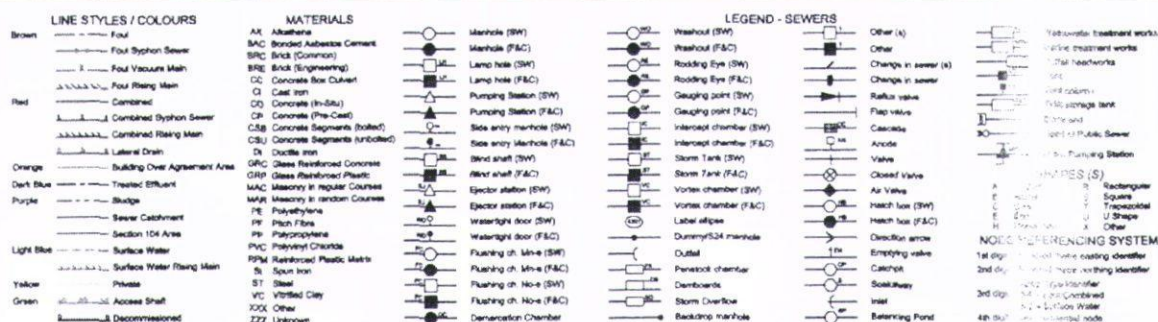
Date: 09/05/2008

The positions of pipe
in the event of inacc
The actual positions
WARNING: BAC pipes are
WARNING: Unknown (UN

Based upon Ordnan
Licence No. WU 296

SEWER RECORDS

Node	Cover	Invert	Size	Material	Shape		Node	Cover	Invert	Size	Material	Shape		Node
0100X	4.92	3.98	225	VC	CIRC		3800X	6.1	2.7	750	CP	CIRC		8151)
0403X	7.76	4.84	225	VC	CIRC		3801X	5.383	1.939	375	UNK	CIRC		8403)
0450X	7.77	6.47	300	VC	CIRC		3803X	5.913	2.161	375	UNK	CIRC		8404)
0800X	4.51	3.5	150	UNK	CIRC		3950X	4.923	3.729	300	UNK	CIRC		8406)
1000X	5.55	3.48	375	VC	CIRC		3951X		3.613	300	UNK	CIRC		8452)
1003X	5.79	3.24	225	VC	CIRC		3952X	6	4.762	450	UNK	CIRC		9101)
1004X	5.05	3.6	225	VC	CIRC		4000X	6.14	4.02	225	VC	CIRC		9201)
1005X			UNK	UNK	CIRC		4001X	6.41	3.79	225	VC	CIRC		9202)
1050X	5.36	4.6	300	CP	CIRC		4050X	6.82	4.96	225	VC	CIRC		9203)
1400X	8.02	6.5	225	VC	CIRC		4051X	6.84	4.96	225	VC	CIRC		9253)
1401X	8.34	7.28	150	VC	CIRC		4052X	7.04	5.04	225	VC	CIRC		9251)
1400X	8.34	6.74	225	VC	CIRC		4100X	6.54	5.4	150	VC	CIRC		9301)
1450X	8.4	7.9	225	VC	CIRC		4102X	6.8	5.13	150	VC	CIRC		9302)
1453X	8.22	7.7	225	VC	CIRC		4201X	7.09	4.95	225	VC	CIRC		9303)
1454X	8.19	7.63	150	VC	CIRC		4202X	6.56	4.7	150	VC	CIRC		9304)
1802X	5.3	1.7	600	CP	CIRC		4300X	7.29	5.64	225	VC	CIRC		9305)
1803X	4.96	2.1	600	CP	CIRC		4301X	7.62	5.54	225	VC	CIRC		9306)
1804X	5.39	1.79	600	CP	CIRC		4350X	7.4	6.36	600	BRC	ARCH		9307)
1900X	5.35	2.31	600	CP	CIRC		4351Y	7.57	6.5	600	BRC	ARCH	*	9308)
1901X	5.89	2.64	600	CP	CIRC		4351X	7.57	6.5	600	BRC	ARCH	*	9350)
2000X	4.96	3.31	225	VC	CIRC	*	4352X	7.66	6.58	UNK	UNK	CIRC	*	
2000Y	4.96	3.45	225	VC	CIRC	*	4352X	7.66		600	BRC	ARCH	*	
2001X	5.59	3.65	225	VC	CIRC		4353X	7.26	6.66	225	VC	CIRC		
200DX			UNK	UNK	CIRC		4354X	7.33	6.74	225	VC	CIRC		
201DX			UNK	UNK	CIRC		4355X	7.47	6.95	150	CI	CIRC		
202DX			375	VC	CIRC	*	4401X	8.44	6.54	200	VC	CIRC		
202DX			UNK	UNK	CIRC	*	4450X	8.56	7.11	225	CP	CIRC		
202DX			UNK	UNK	CIRC	*	4800X	5.84		750	CP	CIRC		
2050X	5.46	4.74	300	CP	CIRC		5150X	7.98	6.7	225	VC	CIRC		
2051X	5.63		300	CP	CIRC		5151X	8.17	6.52	300	CP	CIRC		
2100X	5.81	3.86	225	VC	CIRC		5201X	7.6	5.2	225	VC	CIRC		
2101X	5.69	3.72	225	VC	CIRC		5301X			UNK	UNK	CIRC		
2150X	5.35	4.77	300	VC	CIRC		530DX			225	VC	CIRC		
2151X	5.55	4.86	300	CP	CIRC		5901X	7.48	3.228	375	UNK	CIRC		
2300X	7.83	6.37	225	VC	CIRC		5902X	7.583	3.124	375	UNK	CIRC		
2351X	7.91	7.35	150	VC	CIRC		6150X	5.45	3.48	600	CP	CIRC		
2352X	7.91	7.31	150	VC	CIRC		6151X	5.29	3.29	600	CP	CIRC		
2401X	8.18	6.56	225	VC	CIRC		7001X	5.8		600	UNK	CIRC		
2800X	5.69	2.19	UNK	UNK	CIRC		7002X	6.05	3.89	300	VC	CIRC		
2956X	6	4.762	450	CO	CIRC		7003X	5.67	3.44	300	VC	CIRC		
3051X	6.52	4.77	300	VC	CIRC		7004X	4.74	2.13	525	CI	CIRC		
3053X	6.4	4.842	450	UNK	CIRC		700DX			1650	CP	CIRC		
3054X	6.4	4.9	450	UNK	CIRC		7050X	6.02	4.55	375	VC	CIRC		
3100X	6.38	4.37	225	VC	CIRC		7051X	5.74	3.95	450	CP	CIRC		
3101X	6.32	4.27	225	VC	CIRC		7101X	6.42	2.42	525	CI	CIRC		
3102X	5.98	3.91	225	VC	CIRC		7102X	6.33	4.16	225	VC	CIRC		
3104X	6.58	5.41	150	VC	CIRC		7103X	5.98	1.01	1650	CP	CIRC		
3105X			150	VC	CIRC		7150X	6.42	4.76	300	VC	CIRC		
3150X	6.01	5.19	300	CP	CIRC		7151X	6.36	4.75	375	VC	CIRC		
3200X	6.47	4.53	225	VC	CIRC		7152X	6.2	4.66	375	VC	CIRC		
3300X	7.34	5.97	225	VC	CIRC	*	7153X	5.54	3.69	525	CP	CIRC		
3300X	7.34		225	VC	CIRC	*	7201X	6.33	1.37	1650	CP	CIRC		
3301X			UNK	UNK	UNK		7202X	6.96	2.7	525	CI	CIRC		
3302X			UNK	UNK	UNK		7301X	6.75	5.56	200	CI	CIRC		
3303X			UNK	UNK	UNK		7303X	6.79	3.52	525	CI	CIRC		
3304X			UNK	UNK	UNK		7304X	5.92	3.14	525	CI	CIRC		
330DX			100	UNK	CIRC		7307X	6.65	2.79	525	CI	CIRC		
331DX			100	UNK	CIRC		7308X	6.72		600	UNK	CIRC		
332DX			225	VC	CIRC		7309X	6.67	3.05	525	CI	CIRC		
3350X	7.34	6.54	225	VC	CIRC		7802X	4.09	0.55	1650	CP	CIRC		
3351X	7.4	6.66	150	VC	CIRC		7901X			600	UNK	CIRC		
3352X	7.25	6.39	150	VC	CIRC		7902X	3.63	1.85	525	CI	CIRC		
3353X			150	VC	CIRC		8101X	6.34	4.46	150	VC	CIRC		
3400X	8.11	6.28	200	VC	CIRC		8102X	6.51	4.57	150	VC	CIRC		
3450X	8.36	7.71	225	CP	CIRC		8150X	7.04	5.28	150	VC	CIRC		



Annex 'C' – Environment Agency Flood Zones

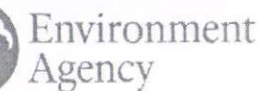
The following pages show data and correspondence with the Environment Agency.

470687, 106310

Level
100 yr: 5.52 m
100 yr CC: 5.65 m
1000 yr: 5.74 m

470893, 106065

Level
100 yr: 4.85 m
100 yr CC: 4.86 m
1000 yr: 4.88 m



Kilometers



 Main River
 Flood defences
 Areas benefiting from flood defences
 Flooding from rivers or sea without defences (FZ3)
 Extent of extreme flood (FZ2)

AEP = Annual Exceedance Probability
The probability of a flood of a particular magnitude, or greater, occurring in any given year

1%CC = 1% Climate Change extent
This is the 1% AEP event with an allowance for climate change (+20% on river flows) or 0.5% AEP for Tidal sources of flooding.

Ally Martin

From: Waite, Rob <robert.waite@environment-agency.gov.uk>
Sent: 30 March 2012 13:46
To: Ally Martin
Subject: RE: Flood Extents Query, Havant

Hello Ally,

Thank you for your enquiry. I can confirm that the flood zone outlines and data provided to you by the Environment Agency is the most up to date information available on flood risk in the area. The EA will update it's flood zone maps when new modelling data is available and so is the best source of flood level/depth information.

If you have any further queries in relation to flood risk in this area please do not hesitate to contact me.
Regards

Rob Waite

Development and Flood Risk Officer

Environment Agency
Solent and South Downs Area
Colvedene Court
Wessex Way
Colden Common
Winchester
Hampshire
SO21 1WP

Tel: 01962 764897

e-mail: robert.waite@environment-agency.gov.uk

From: Ally Martin [<mailto:alison.martin@raaltd.co.uk>]
Sent: 28 March 2012 13:45
To: Waite, Rob
Subject: Flood Extents Query, Havant

Click [here](#) to report this email as spam.



Hi Rob,

I spoke to you a couple of weeks ago about a query I had for flood extents and levels in Havant. I received the data in response to this query today, but it is very different from the PUSH Strategic Flood Risk Assessment mapping, which claims to show EA flood zone maps. I have attached a screenshot from the website and the data I was sent to show the differences. Is it correct to assume that the data I was sent this morning is the more accurate data set?

Many thanks,
Ally Martin

Ally Martin
Graduate Hydraulic Modeller



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APPENDIX B

**Brockhampton Property
Investments**

**Phase 1 Geoenvironmental
Assessment, Ranelagh Road and
Palk Road, Havant**

May 2009
Draft

Issue No 1
49318640



Brockhampton Property Investments
Phase 1 Geoenvironmental Assessment, Ranelagh Road and Palk Road,
Havant

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Document Revision Record

Issue No	Date	Details of Revisions
1	6 May 2009	Original

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Where assessments of works or costs required to reduce or mitigate any environmental liability identified in this Report are made, such assessments are based upon the information available at the time and are subject to further investigations or information which may become available. Costs may therefore vary outside the ranges quoted. No allowance has been made for changes in prices or exchange rates or changes in any other conditions which may result in price fluctuations in the future. Where assessments of works or costs necessary to achieve compliance have been made these are based upon measures which, in URS's experience, could normally be negotiated with the relevant authorities under present legislation and enforcement practice, assuming a pro-active and reasonable approach by site management.

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1. INTRODUCTION

1.1. General Introduction

URS Corporation Limited (URS) was commissioned to conduct a Phase I Geoenvironmental Assessment of two separate sites to the south of Ranelagh Road and to the south-west Palk Road in Havant, Hampshire.

This report presents the key findings and discusses the general environmental and geotechnical liabilities identified during the assessment. The work was performed in accordance with URS' proposal for these works, Ref: 3065357 and dated 17 February 2009. The objectives and scope of this assessment are presented in the following sections.

1.2. Objectives

The primary objective of the Phase I Geoenvironmental Assessment is to identify potential geotechnical and environmental liabilities that may be associated with the proposed development of the subject site.

Geotechnical liabilities in this context may derive from:

- Unstable or compressible soils;
- Geotechnical properties of existing ground strata with respect to providing suitable founding material for proposed developments;
- Existing underground obstructions such as old foundations / basements; and
- Soil heave.

Environmental liabilities in this context may derive from:

- Contamination due to past and current uses of the site and surrounding land, in the context of the environmental sensitivity of the site setting; and
- Demands imposed by current or readily foreseeable environmental legislation.

1.3. Scope of Work

To meet the objectives, the following scope of work was performed:

Task 1: Background information review, including regulatory information (where publicly available); an assessment of available historical, geological, hydrogeological and topographical maps; aerial photographs and British Geological Survey (BGS) borehole logs.

Task 2: A site walkover, for the purpose of identifying environmental conditions which may represent a potential future liability.

Task 3: Reporting.

2. INFORMATION SOURCES

Background information sources included the following:

- BGS Map 316, Fareham (1:50,000), Solid and Drift Edition;
- Environment Agency Groundwater Vulnerability Map, Sheet 45, West Sussex and Surrey (1:100,000);
- Landmark Information Group, EnviroCheck report Ref: 27638420_1_1 dated 7 April 2009;
- BGS borehole logs no. SU70NW57, SU70NW72, SU70NW77, SU70NW149 and SU70NW150; and
- Environment Agency (EA) website: <http://www.environment-agency.gov.uk> (accessed on 27th April 2009).

3. SITE DETAILS

3.1. Site Location and Description

3.1.1. Ranelagh Road

Site Address	Former Kingscroft Farm and land to the south of Ranelagh Road, Havant, PO9 1NR
National Grid Reference (NGR)	470852, 106242
Estimated Surface Area	Approximately 2.5 hectares
Description	The site comprises allotment gardens, open fields and derelict farm buildings and stable blocks.
Surroundings	The site is located immediately to the south of Ranelagh Road and to the west of Brockhampton Road. There is open land to the north of the site with residential properties beyond. Residential properties form the northeastern corner and eastern boundary of the site, with Brockhampton Road further east. A large industrial unit is located to the south of the investigation area, with undeveloped land to the west of the site. An open watercourse, Hermitage Stream, is located further to the west.

3.1.2. Palk Road

Site Address	Land to west of Palk Road, Havant, PO9 1NL
National Grid Reference (NGR)	470744, 106463
Estimated Surface Area	Approximately 0.5 hectares
Description	The site comprises open undeveloped land with asphalt hardstanding in the southern half.
Surroundings	The site is located to the southwest of Palk Road with a railway line and Bedhampton station to the northwest and an access road to the southeast. Residential properties are located to the west of the railway line and also to the north and further to the east of the site. A coach depot and building supplies yard are located to the east of the access road. The southern part of the site and land to the southwest is currently used as a Pipe Store.

3.2. Environmental Setting

Geology / hydrogeology	Ranelagh Road A review of the BGS Geological Map for the area (Sheet 316, Fareham) indicates that the site is underlain by River Terrace deposits of unknown thickness, which are in turn underlain by an undifferentiated Chalk formation comprising the Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation.
------------------------	---

The BGS register of historical borehole logs included information from two boreholes located within the site boundary (SU70NW149 and SU70NW150) and one borehole located by the northwestern corner of the site (SU70NW77).

The available borehole records indicate the following stratigraphy:

- Topsoil between ground surface and a maximum of 0.5 metres (m) below ground level (bgl);
- Firm silty clay up to a maximum of 2.6m bgl;
- Loose to medium dense flint gravel in silty clay matrix to a maximum of 7.2m bgl;
- Weak structureless chalk proven to 20.1m bgl (undifferentiated Chalk).

The EA Groundwater Vulnerability Map (Sheet 45, West Sussex & Surrey) indicates that the site is classified as being underlain by a Minor Aquifer (likely to be the River Terrace deposits) with high leaching potential (i.e. the potential for soil contaminants to migrate in groundwater). Minor Aquifers do not usually produce large quantities of water for public abstraction, but can produce base flow to nearby surface water bodies.

It is noted that land approximately 400m south of the site is classified as a Major Aquifer with moderate to high leaching potential. This may be due to the presence of the Chalk at shallower depth beneath the overlying drift deposits.

A review of the Envirocheck report indicates that there are 6 No. groundwater abstractions located within 500 m of the site. These are all licensed to the Portsmouth Water Company for the public water supply and are located at between 150m and 300m to both the north east and west of the site. No further groundwater abstractions are reported as being located within 1 km of the site.

The site is located within an EA designated Inner Groundwater Source Protection Zone (i.e. areas in the vicinity of groundwater sources used for public drinking water and therefore requiring protection from polluting activities) for the public supply boreholes located approximately 150m to the north east of the site.

Palk Road

A review of the BGS Geological Map for the area (Sheet 316, Fareham) indicates that the site is underlain by River Terrace deposits of unknown thickness, which are in turn underlain by either the Lambeth Group (clay, silt and sand) in the northern part of the site or undifferentiated Chalk formation comprising the Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation in the southern part of the site.

A review of the BGS Geological Map for the area (Sheet 316, Fareham) indicates that the site is underlain predominantly by River Terrace deposits of unknown thickness, which are in turn underlain by Lambeth Group (clay, silt and sand) and undifferentiated Chalk formation (comprising the Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation). In the northern most corner of the site, ground conditions may comprise Head Deposits underlain by London Clay and Lambeth Group formation deposit at depth. In the southern part of the site, River Terrace Deposits and/or

	Alluvium directly overly the undifferentiated Chalk Formation. The BGS register of historical borehole logs included information from two boreholes located approximately 50m (SU70NW72) and 200m (SU70NW57) east of the site. The available borehole records indicate the following stratigraphy: • Topsoil / Made Ground to a maximum of 1.2m bgl • Firm light brown clay to 1.5m bgl (reported into one borehole only) • Flint gravel to a maximum of 3.4m bgl • Firm grey clay with layers of sand (fully penetrated in borehole SU70NW57 to 37.1m bgl (Lambeth Group formation) • Chalk and Flints (proved to a maximum of 76.1m bgl borehole SU70NW57) (undifferentiated Chalk). In borehole SU70NW72, the basal beds of the London Clay formation were encountered directly underlying drift deposits at a depth of 3.7 to 7.0m bgl. Below this deposits of the Lambeth Group were encountered as per above. The EA Groundwater Vulnerability Map (Sheet 45, West Sussex & Surrey) indicates that the site is classified as being on a Minor Aquifer (River Terrace deposits) with high leaching potential (i.e. the potential for soil contaminants to migrate in groundwater). Minor Aquifers do not usually produce large quantities of water for public abstraction, but can produce base flow to nearby surface water bodies. It is noted that land approximately 600m to the south of the site is classified as a Major Aquifer with moderate to high leaching potential. This may be due to the presence of the Chalk at shallower depth beneath the overlying drift deposits. A review of the Envirocheck report indicates that there are 6 No. groundwater abstractions located within 500 m of the site. These are all licensed to the Portsmouth Water Company for the public water supply and are located at between 150m and 300m to both the north east and west of the site. No further groundwater abstractions reported as being located within 1 km of the site. The site is located within an EA designated Inner Groundwater Source Protection Zone (i.e. areas in the vicinity of groundwater sources used for public drinking water and therefore requiring protection from polluting activities) for the public supply boreholes located approximately 400m to the east of the site.
Hydrology – Surface Water	The Envirocheck report indicates that the nearest surface water feature, the Hermitage Stream, is located approximately 50m west northwest of the Ranelagh Road site and 100m southeast of the Palk Road site. This water feature is classified as River Quality C by the Environment Agency. There are 3 No. discharge consents within 250m of the sites. There are 14 No. between 250m and 500m from the sites and a further 44 No. discharge consents are recorded from 500m to 1km. There are 17 No. recorded Pollution Incidents to Controlled Waters noted within the Envirocheck Report. Of these, one is within 250m of the sites and was classified as a 'Category 3 – Minor Incident' involving the presence of diesel on surface water at the 'back of Meyrick Road'. Three further Category 3 incidents are recorded between 250m and 500m of the site, with the remaining incidents greater than 500m from the site.

	There are no Substantiated Pollution Incident Register entries located within 1km of the site.
Overall sensitivity with respect to the site's Environmental Setting	HIGH: The sites are both underlain by a Minor Aquifer and are within the Inner Source Protection zone for a public water supply abstraction point. The Hermitage stream surface water feature runs between the two sites.

3.3. Site History & Potential for Significant Contamination

Historical Maps	The following historical maps/plans were reviewed in compiling this section of the report: • Ordnance Survey Maps of the following scales 1:2,500, 1:10,000 and 1:10,560 dated between 1867 and 2008
Ranelagh Road On site Review	The earliest available maps (dated 1868-1870) indicate that the site is undeveloped and comprises apparently open land crossed by either fences or hedges. The 1897-1898 maps indicate that the site is now labelled as the Brockhampton Nurseries with a number of small buildings and greenhouses located in the north eastern and eastern part of the site. The southern and western parts of the site remain undeveloped. There are no significant changes to the site layout indicated on the 1909-1910 maps, with the exception of a new building in the northwestern corner of the site adjacent to Meyrick Road. The southeastern part of the site is labelled as an orchard, with the remainder of the site remaining undeveloped. The 1932 maps indicate that the Brockhampton Nurseries buildings have been demolished and the site cleared. The only structures present on the site are the small building in the north west and a small number of apparently residential properties just outside the site boundary in the northeastern corner. The 1954 map shows that Brockhampton Road has been completed to the east of the site, with an increase in the number of houses along the eastern site boundary. The building in the northwest of the site is no longer present. The northern part of the site is now labelled as Allotment Gardens, which is still the present use. By 1959 some of the buildings along the northeastern boundary of the site are labelled as Kingscroft Farm. No significant changes are indicated on the 1961 map. The site layout shown on the 1969 map is largely unchanged from previous maps, with the exception of a track running from the north east corner (Kingscroft Farm) to one or two new buildings in the southeastern part of the site. By 1973 more buildings have been added in this area of the site resulting in the layout seen today. No further developments within the investigation area are observed.
Off site Review	The earliest historical plans, published in 1867, indicate that the area around the site was largely undeveloped. The Portsmouth Water Works, including an engine house, and a Tannery are shown approximately 100m to the east of the site. By 1897 there has been further development by Portsmouth Water Works to the west of the site, on the far side of the Hermitage Stream. In addition, Ranelagh road is shown for the first time, with a number of residential properties to the north. The Tannery is no longer labelled on the maps after

	1909 and is instead indicated as part of the water works and later labelled as the 'Old Manor House'. No significant development is indicated in the area immediately surrounding the site until 1987 when the large industrial unit to the south is first shown on the map, with the associated development of Kingscroft Court. The area around the site remains largely unchanged until the 2008 map, where the Kingscroft Farm buildings to the north east of the site boundary are replaced by residential development.
Palk Road	The earliest available historic maps (dated 1868-1870) indicate that the site is undeveloped although the railway line along the northern boundary is already present. The site remains undeveloped until 1959 when the eastern part of the site is indicated to comprise Allotment Gardens. No further development is indicated until 1993, when the site is no longer labelled as Allotment Gardens and remains an undeveloped area of land.
On site Review	
Off site Review	The 1897 map indicates that Palk Road has been constructed and extends along the full length of the southern boundary of the site. The Portsmouth Water works are also present to the south west of the site. By 1909, Palk Road is shown to terminate at the northeastern corner of the site. Bedhampton Halt railway station is also now present to the north of the site. No significant development occurs adjacent to the site until 1987 when the land to the south and west of the site is indicated to be a Pipe Store. No further development is indicated to take place until the present day.
Waste	<i>Licensed Waste Management Facilities (Locations):</i> There is one licensed waste management facility within 500 m of the sites, located at Bedhampton Waterworks to the south and west of the sites. In addition, this site is classified as a Licensed Waste Management facility landfill, which is still active, with the boundary extended to the southwestern boundary of the Palk Road site. There are a further seven licensed waste management facilities located within 1,000m of the site, the closest of which is the Havant Incinerator to the south west, although the licence is indicated to be suspended. The remaining locations include a metal recycling site (530m), waste transfer stations (at various distances) and a biological treatment site (900m). <i>Registered Waste Treatment and Disposal Sites:</i> There are no registered waste treatment and disposal sites within 500 m of the subject site boundaries. There is a registered waste treatment and disposal site located approximately 600m south west of the sites but the licence is indicated as being cancelled.
Industrial Land Use	<i>Contemporary Trade Directory Entries:</i> There are no contemporary trade directory entries located as being currently active on site. There are 7 No. active contemporary trade directory entries located within 250 m of the sites including: builders' merchants, marine engineers, car sales and servicing and plastic manufacturing. There are a further 12 No. active contemporary trade directory entries located between 251 m and 500 m of the sites. These include precision engineering, plastics manufacturing, vehicle sales and servicing, sheet metal workers, boat

	building and repairs, and glass manufacturing. <i>Fuel Station Entries:</i> There are no active fuel station entries located within 250 m of the sites. There is 1 No. fuel station entry located within 500 m of the sites but this is recorded as obsolete. In addition to this there are a further 4 No. fuel stations located between 500m and 1000m of the site, one of which is currently operational, one is listed as non-retail (lorry park) and the remainder are obsolete.
Site Visit	A site visit was undertaken on 23 April 2009 by Scott Silverthorn of URS Corporation Ltd. Ranelagh Road The site comprises redundant farm buildings, stable blocks, open fields and allotments, located to the south of Ranelagh Road. The northern part of the site comprises allotments, which are currently in use. At the western end of the allotments there is a separately fenced area that contains a grassed area with some small flower beds and vegetable patches. The remainder of the site comprises open fields and derelict farm buildings. The open fields form the western part of the site and are in use as horse paddocks. There are no structures on this part of the site. The derelict farm buildings are located in the southeastern part of the site and comprise a number of single-storey wooden stable blocks, a wood and metal-framed barn and smaller brick buildings. Access was not possible to all of these buildings due to the poor structural condition. Some general waste, including plastic, metal and wood was noted in several of the stable blocks. An abandoned flat-bed van was reported in the northeast corner of the site, along with two metal drums with unknown contents. Two empty paint cans were noted in the southeastern part of the site along with the remains of a small bonfire. Three abandoned trailers were located to the south of the barn structure, one of which was observed to have an air conditioning unit. A number of discharged fire extinguishers were noted around the stable block area. Some rubble was noted in the northwestern part of the site, adjacent to the access gate, comprised of brick, asphalt and concrete. Palk Road The site comprises an open area of land adjacent to Bedhampton Railway station. An access road runs along the eastern site boundary to the access gate into the site. A coach company and a trade supplies company occupy the land to the east of this access road. The northern part of the site, approximately two thirds of the area, comprises overgrown vegetation with various amounts of rubble and disused water pipe sections. An area in the northernmost part of the site appears to have been covered in turf as an extension of the property belonging to an adjacent resident. The main feature of this area is a large number of disused pipe sections placed along the eastern boundary. Discussion with the Portsmouth Water (PW) employee who provided access to the site indicates that these are asbestos cement pipes and have been on the site for more than 10 years. A number of small piles of brick rubble were noted across this part of the site. In addition a built up track, comprised of rubble and possibly some ashy

	material, was observed to run roughly parallel to the railway through the middle of the site. A skip containing a small amount of metal waste was noted adjacent to the access gate. A number of smaller pipes, both concrete and metal, were observed along the edge of the vegetated area. Some domestic and trade waste was also noted to have been dumped over the boundary fence along the access road. The remainder of the site has an asphalt covering and is used for the storage of pipes and associated equipment. The PW employee indicated that this area of the site was historically used for burning waste before it was covered in asphalt, though no evidence of this could be observed during the site visit. The pipes stored on this southern part of the site are in generally good condition and appear to be new. A single skip containing metal and plastic waste was noted in the south-western corner of the site.
Potential On-site Sources of Contamination	Ranelagh Road - Abandoned vehicles, one with an air conditioning unit 2 metal drums with unknown contents Palk Road - Asbestos cement water pipes - Historic use of land for burning waste
Potential Off-Site Sources of Contamination	Within 0 – 250 m Ranelagh Road The date indicated in brackets is the first map edition that the land use was observed. - Tannery (1867), 50-100 m east; - Railway (1867), 200m west; - Waterworks Engine House (1867), 50-100m east; - Brewery (1897), 200m north-east; and - Garage (1959), 250m north. Palk Road - Railway (1867), adjacent to western site boundary; - Water works (1897), 100 m south west; and - Garage (1959), 100m north east. Further historic and current potential off-site sources of contamination have been identified between 251 m and 1 km of the site boundary. However, these facilities are not believed to pose significant risks to the site in relation to current and future uses, due to their distance from the site.
Potential Pathways of Contamination	- Inhalation, ingestion and dermal contact with potential contaminated soils, dust, soil vapours or groundwater; - Leaching and vertical migration of potential soil or perched groundwater contamination to the Minor Aquifer via soil moisture or infiltration; and - Horizontal migration of any contamination with the underlying Minor Aquifer.

	Vertical migration of contamination entering the Minor Aquifer to the underlying Major Aquifer of the Chalk.
Potential Receptors	- Humans: current and future users; - Groundwater: underlying Minor Aquifer; and - Building materials.
Potential for Contamination	LOW to MODERATE: No major historic sources of on-site contaminative land uses have been identified. There may be a significant thickness of Made Ground at both sites associated with development and site activities. This Made Ground could potentially comprise demolition rubble and ash from burnt waste and therefore represents a potential source of contamination. With respect to the most recent use of both sites, no significant contaminant sources have been identified.

3.4. Other Environmental Liability Issues

Asbestos-Containing Materials (ACMs)	Ranelagh Road Although they are largely of wood construction, it is possible that ACMs are present within the existing farm and stable block structures. Palk Road A large amount of asbestos concrete pipe is stored along the south-eastern boundary of the site. The pipes appear to be generally undamaged but it is unknown whether the release of asbestos fibres either has occurred or may occur when the site is cleared in future. Both Sites It should be noted that under the Control of Asbestos Regulations 2006, an asbestos survey and risk assessment is required to be undertaken and a management plan to be implemented. ACMs could also be present in the existing Made Ground, particularly if this comprises building and demolition rubble.
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3.5. Previous Reports and Documentation Reviewed

Previous Reports and Documentation Reviewed	No documentation was available for review and no previous reports were provided for consideration in this Phase I Geoenvironmental Assessment.
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3.6. Conclusions and Recommendations

Soil and Groundwater Contamination	Ranelagh Road The potential for ground contamination from historic and current site activities is considered to be low to moderate. Localised areas of potential ground contamination may include made ground (of unknown thickness) located beneath the developed farm area in the east of the site; abandoned vehicles on the site and other unidentified drums observed at the site. The presence of ground gases including methane and carbon dioxide cannot be ruled out due to the possibility of significant Made Ground. Palk Road The potential for ground contamination from historic and current site activities is considered to be moderate. Localised areas of potential ground contamination may result from the storage of asbestos cement pipes, the historic burning of waste in the southern part of the site and the presence of made ground of unknown thickness. The presence of ground gases including methane and carbon dioxide cannot be ruled out due to the possibility of significant Made Ground. Both Sites Potential receptors of contaminants could be considered to be human health (current and future site users/residents) and controlled waters (Inner Source Protection Zone, Hermitage stream and underlying Minor Aquifer). Given that the sites are located within an Inner Source Protection Zone, the environmental sensitivity of the site with respect to Controlled Waters receptors is considered to be high. It is recommended that a preliminary intrusive environmental investigation to assess soil and groundwater contamination at the sites be carried out.
Other Liability Issues	Ranelagh Road Given the age of the buildings it is possible that ACMs are present within the existing structures. As a result, it may be necessary to undertake an asbestos survey and risk assessment for the site, if this has not already been done. Depending on the outcome of these, a management plan may also be required. Palk Road Given the presence of asbestos cement pipe at the site it may be necessary to undertake an asbestos survey and risk assessment for the site, if this has not already been done. Depending on the outcome of these, a management plan may also be required.

4. GEOTECHNICAL CONSIDERATIONS

Stratigraphy	Ranelagh Road As discussed in section 3.2, available borehole records suggest the following stratigraphy: Topsoil underlain by firm silty clay up to 2.6m bgl, by flint gravel up to 7.2m, and by weak chalk to a maximum proven depth of 20.1m bgl. Palk Road As discussed in section 3.2, available borehole records suggest the following stratigraphy: Topsoil or Made Ground underlain by flint gravel to depths of
--------------	--

	2.7m/3.4m, underlain by predominantly by mottled clay or sandy clay from the Reading Beds (Lambeth Group formation) to a maximum proven depth of 37m.
Groundwater	Ranelagh Road Borehole record SU70NW150 located in the southwest of the site indicates groundwater encountered during drilling at approximately 2.6m bgl, which corresponded to the top of the flint gravel. Borehole record SU70NW77 located by the northwestern corner of the site indicates standing groundwater level at approximately 2.1m bgl, at the top of the "flint in soft chalk" layer. Borehole record SU70NW149 located in the southeast of the site indicates groundwater level at 6.2m bgl, close to the base of the gravel layer (6.8m bgl). Groundwater levels observed in borehole in the vicinity of the Ranelagh Road site correspond to surficial River Terrace gravel deposits. Palk Road Borehole record SU70NW72 (located approximately 50m east of the site) indicates groundwater encountered during drilling at approximately 4.8m bgl; the strike appears to be associated to sand layers within the basal beds of the London Clay. Borehole record SU70NW57 located approximately 200m east of the site indicates standing groundwater level at 0.6m bgl, which decreased to 7.5m bgl during pumping. It should be noted that borehole record SU70NW57 is from 1930 and groundwater levels may have varied significantly since then.
Foundations	Available information suggests that proposed buildings will comprise two to three storey structures. At the time of writing of the present report it is not known if any of the proposed structures will include basements. Ranelagh Road Given the expected loads from the proposed buildings, shallow foundations based on the flint gravel are considered to be suitable. The available borehole logs report typical SPT N value results within flint gravel of 12 to 23, corresponding to medium dense gravel. Presumed allowable bearing capacities on available literature for medium dense gravels typically range between 200 and 600 kPa. Piling into chalk is also a suitable solution, in case higher column loads will be expected. Palk Road Given the expected loads from the proposed buildings, piles or shallow foundations into the London Clay or Reading Beds are considered to be suitable. Suitable piling techniques include auger bored piles and Continuous Flight Auger (CFA) piles. Pile testing at detailed design stage would clarify pile capacities and may enable a reduction in the design factor of safety. Shallow foundations may be suitable depending on the thickness and depth of the River Terrace Gravels on site. Where encountered, the relatively thin alluvium layer should be excavated and removed from site, with replacement of engineered fill in order to prevent the potential for differential settlement at the site.

Excavations and retaining systems	Both sites Retaining structures may be required around proposed basement excavations: Suitable retaining systems should be chosen and designed with due consideration given to: • Temporary cut-off of water during construction; • Permanent water control; • Horizontal and vertical ground movement during and following construction; and • Installation issues including ground vibration and noise.
Underground Obstructions	Both sites The existing building foundation and substructure arrangements are not known and should be assessed during future ground investigations and after the demolition works. In the event that existing structures are founded on piles; this might have an implication if existing pile positions clash with proposed new pile positions. In this case, existing piles may need to be 'grubbed out'. Existing piles are unlikely to be re-usable in the new development due to the expected greater loads from the proposed buildings. Pile load testing of existing piles would be required if these were to be re-used.
Unexploded Ordnance	Both sites The site is not in an area which was subject to significant bombing during World War II and is not deemed to present significant risks with respect to unexploded ordnance.
Natural Ground Hazards	Both sites The Envirocheck Report highlights moderate hazards associated with: • Compressible ground (possibly related to drift deposits); and • Ground dissolution (associated with Chalk) In addition, the following risk appears to be related to the Palk Road site: • Shrinking or swelling clay (possibly associated with London Clay and Reading Beds)
Re-use of on-site soils	Both sites It is expected that during the course of the proposed development works, soil may be excavated. Depending on the depth of any proposed basement excavation (should this be included in the final scheme design), natural soils are likely to be available for re-use on-site provided they are not contaminated and suitable geotechnical properties can be proven. In order to reduce the volume of soil being disposed of, material should be reused on site where possible. Where surplus soil needs to be disposed, it should be disposed of to an appropriate licensed landfill facility. River Terrace Gravel is likely to be suitable for reuse on site, including structural fill, provided it is screened, placed and compacted to engineering standards. Potential contaminated soil is likely to require treatment to reduce contaminants to acceptable levels before on-site re-use.

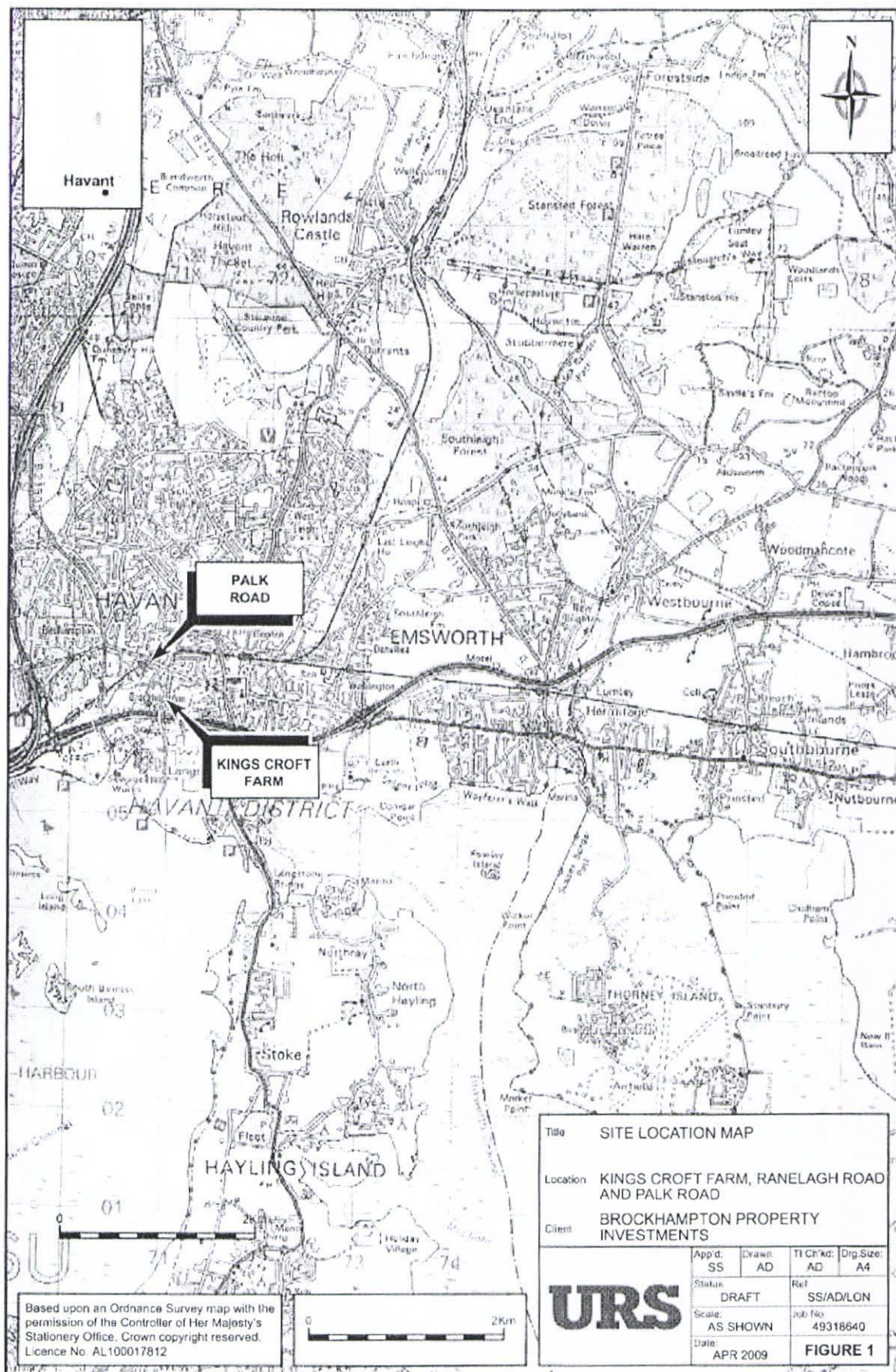
	The presence and geotechnical characteristics of the Made Ground are unknown at this stage and could be assessed by detailed site investigations. Excavated chalk may represent a suitable material for re-use on site, although its properties should be assessed via in-situ and laboratory testing for its suitability for re-use as engineered fill. It is not recommended that natural clay, including alluvium (particularly from Palk Road site) be reused on-site due to its swelling / shrinking potential and natural impermeability.
Geotechnical Investigation	Ranelagh Road Future geotechnical investigation will need to address the following uncertainties related to ground conditions: • The depth of the flint gravel; • Groundwater conditions in the drift deposits and Chalk; and • Soil/rock density information for the flint gravel and Chalk Palk Road Future geotechnical investigation will need to address the following uncertainties related to ground conditions: • The depth to the top of the Reading Beds; • Groundwater conditions in the drift deposits; and • Soil strength information for the London Clay / Lambeth Group formation deposits. Both sites • Obstructions resulting from foundations or basements of existing buildings. A future detailed site investigation scope would likely involve boreholes to depths of approximately 10 m bgl, in situ testing of soils, laboratory testing for soil strength and contamination levels (where encountered), and installation of groundwater and gas monitoring wells.

Appendix A - Figures

Figure 1 – Site Location Plan

Figure 2 – Site Layout Plan – Ranelagh Road (Kingscroft Farm)

Figure 3 – Site Layout Plan – Palk Road



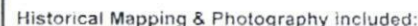
Appendix B - Envirocheck Report

Ordnance Survey Plan, Additional SIMs and
Supply of Unpublished Survey Information
1:2,500 and 1:1,250

	Quarry		Gravel Pit		Sand Pit
	Clay Pit		Shingle		Refuse Heap
	Sloping Masonry		Flat Rock		
	Marsh		Reeds		Overs
	Rough Pasture		Fence		Wood
	Mixed Wood		Brushwood		Orchard
	A.K. Pit		Ford		Stepping Stones
	Ferry		Waterfall		Lock
	Tng. Station	607	Altitude at Tng. Station		
	Bench Mark	167	Surface Level		
	Arrow denoting flow of water		Antiquities (site of)		
	Cutting		Embankment		
	Railway crossing Road		Level Crossing		Road crossing Railway
	Railway crossing River or Canal		Road over single stream		Road over River or Canal
----	County Boundary (Geographical)				
- - - -	County & Civil Parish Boundary				
- . - .	Administrative County & Civil Parish Boundary				
----	County Borough Boundary (England)				
Ca. Burgh Bdy.	County Burgh Boundary (Scotland)				
B.P. B.B.	Boundary Point on Shore	P.C.B.	Police Call Box		
B.R.	Single Road	P	Pumph		
C.P.	Electricity Pylon	S.P.	Signal Post		
P.P.	Post Office	SL	Sluice		
P.P.	Post Point	Sp.	Spring		
G.P.	Guide Post or Board	T.C.B.	Telephone Call Box		
M.S.	Min. Stone	T.C.	Trough		
M.P. B.	Mooring Post on River	W	Well		

	Inactive Quarry, Chalk Pit or Clay Pit		Active Quarry, Chalk Pit or Clay Pit
	Rock		Boulders
	Cliff		Slopes
	Rooft Building		Glazed Roof Building
	Tao Sloping Masonry		Archway
	Non-Coniferous Tree (surveyed)		Coniferous Tree (surveyed)
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Orehand Tree		Scrub
	Coppice, Osier		Reeds
	Marsh, Saltings		Bracken
	Rough Grassland		Heath
	Direction of water flow		Bench Mark
	Carve Entrance		Antiquity (site of)
	Triangulation Station		Electricity Pylon
	Electricity Transmission Line		
	County Boundary (Geographical)		
	County & Civil Parish Boundary		
	Civil Parish Boundary		
	Admin. County or County Bor. Boundary		
	London Borough Boundary		
	Symbol marking point where boundary		

	Clear		Slope		Tip	
	Rock			Rock (scattered)		Boulders (scattered)
	Boulders			Scree		Non-Coniferous Tree (surveyed)
	Positioned Boulder			Coniferous Tree (surveyed)		Non-Coniferous Trees (not surveyed)
	Non-Coniferous Tree (surveyed)			Coniferous Trees (not surveyed)		Orchard Tree
	Non-Coniferous Trees (not surveyed)			Scrub		Bracken
	Orchard Tree			Bracken		Copse, Over
	Copse, Over			Marsh, Saltings		Rough Grassland
	Reeds			Heath		Culvert
	Marsh, Saltings			Culvert		Direction of water flow
	Culvert			Triangulation Station		Antiquity (site of)
	Direction of water flow			Electricity Transmission Line		Electricity Pylon
	Triangulation Station			Electricity Pylon		Bench Mark
	Electricity Transmission Line			Buildings with Building Seed		Roofed Building
	Bench Mark			Roofed Building		Gabled Roof Building
	Roofed Building			Civil parish/community boundary		District boundary
	Gabled Roof Building			District boundary		County boundary
	Civil parish/community boundary			Boundary post/stone		Boundary merling symbol (note: these always appear in opposed pairs or groups of three)
	District boundary			Boundary post/stone		Boundary merling symbol (note: these always appear in opposed pairs or groups of three)
	County boundary			Boundary merling symbol (note: these always appear in opposed pairs or groups of three)		Barracks
	Boundary post/stone			Barracks		Battery
	Boundary merling symbol (note: these always appear in opposed pairs or groups of three)			Battery		Cemeter
	Barracks			Cemeter		Chimney
	Battery			Cliff		Cliff
	Chimney			Diamonded Railway		Electricity Generating Station
	Cliff			Electricity Generating Station		Electricity Pylon, Pylon
	Diamonded Railway			Electricity Pylon, Pylon		Electricity Sub Station
	Electricity Generating Station			Electricity Sub Station		Filter Bed
	Electricity Pylon, Pylon			Filter Bed		Fountain/Drinking Tm
	Electricity Sub Station			Fountain/Drinking Tm		



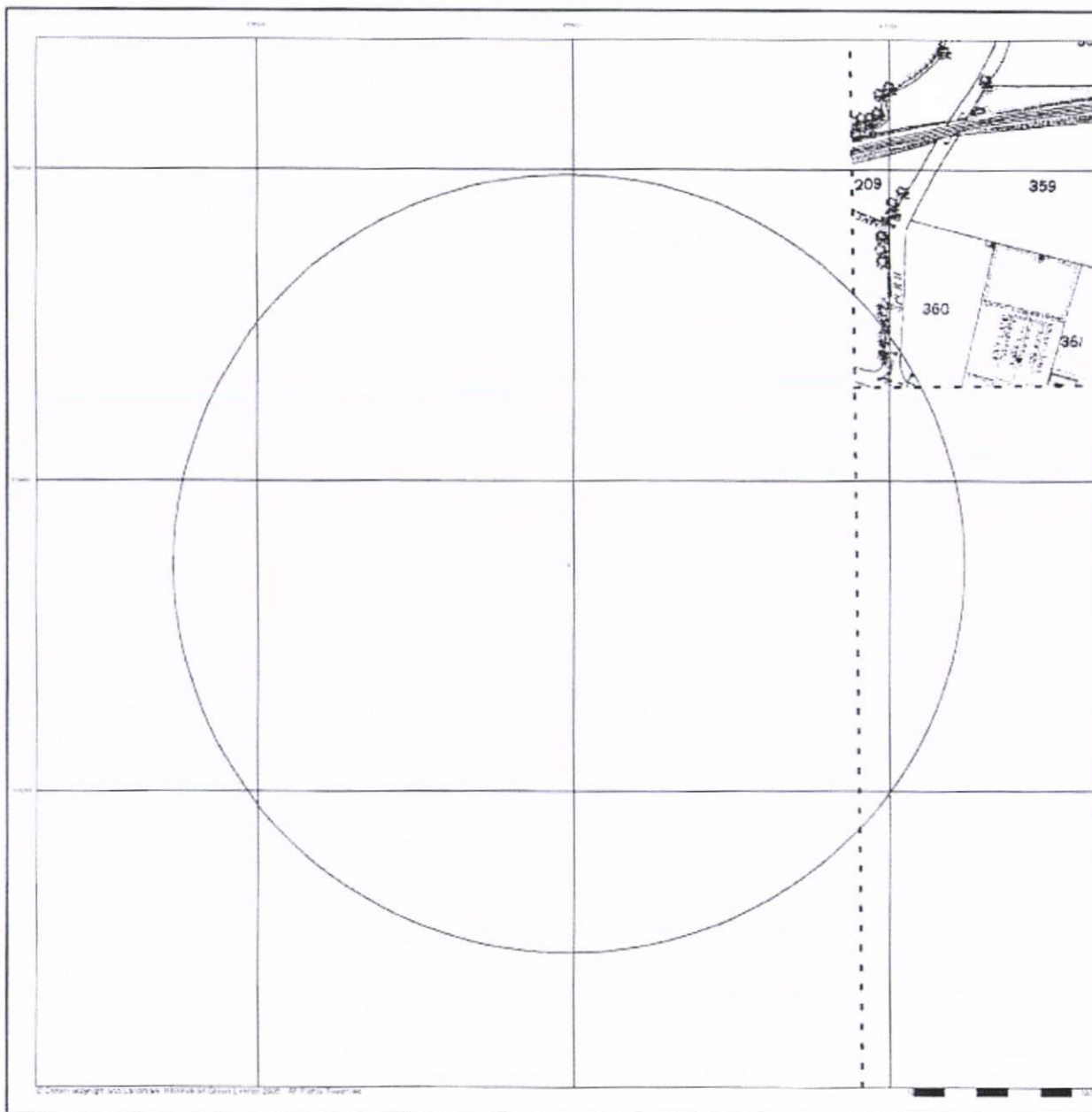
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Hampshire & Isle Of Wight	1,2,950	1097
Hampshire & Isle Of Wight	1,2,950	1098
Hampshire & Isle Of Wight	1,2,950	1132
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Ordinance Survey Plan	1,1,250	1550 - 1360
Ordinance Survey Plan	1,2,500	1561
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Hampshire & Isle Of Wight

Published 1866 - 1868

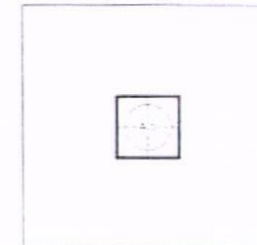
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Map Name(s) and Date(s)



Historical Map - Segment A13



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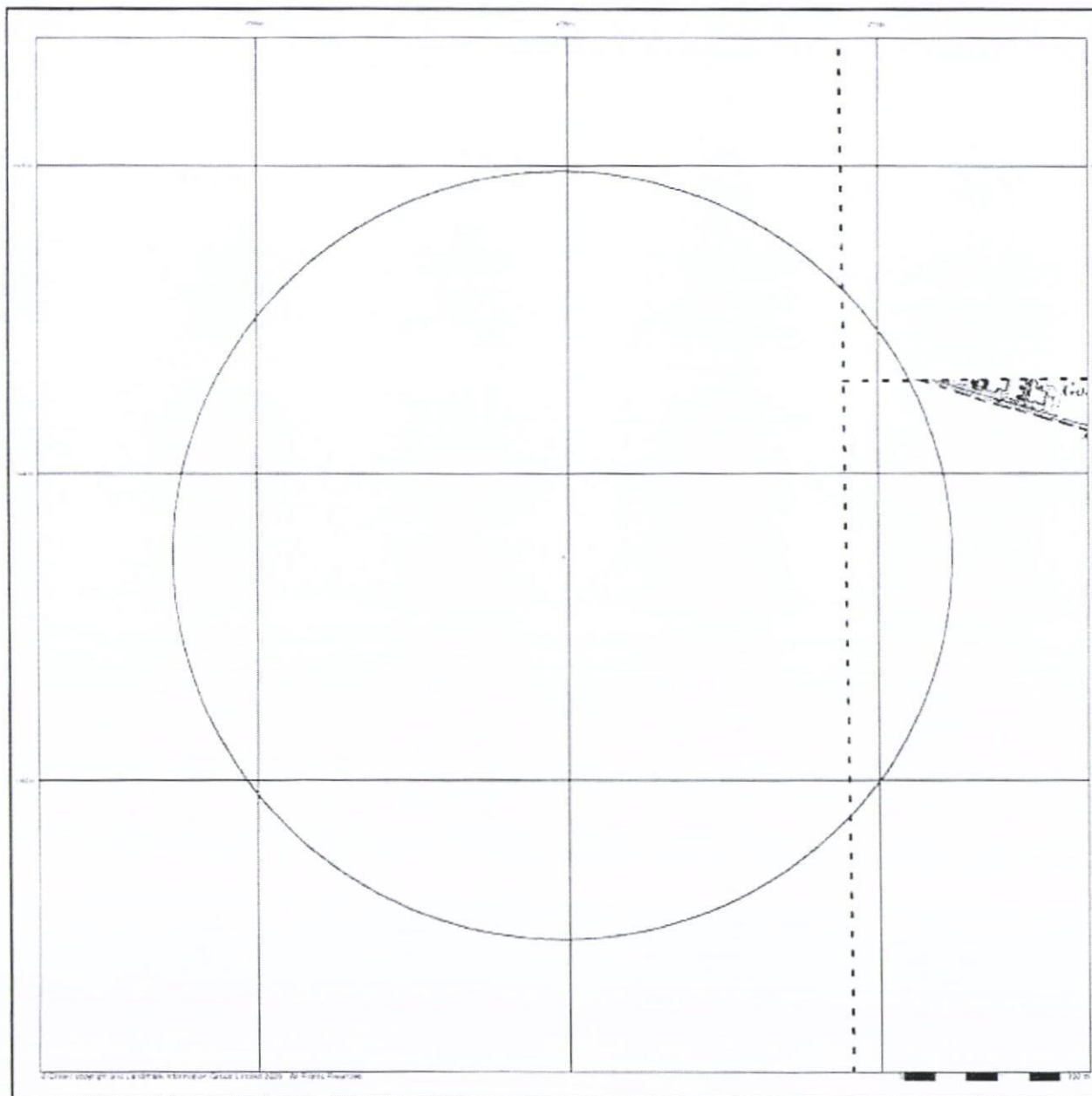
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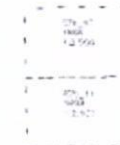
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Published 1866 - 1868

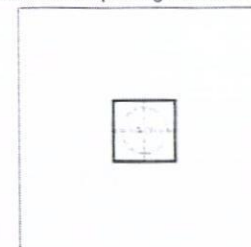
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Map Name(s) and Date(s)



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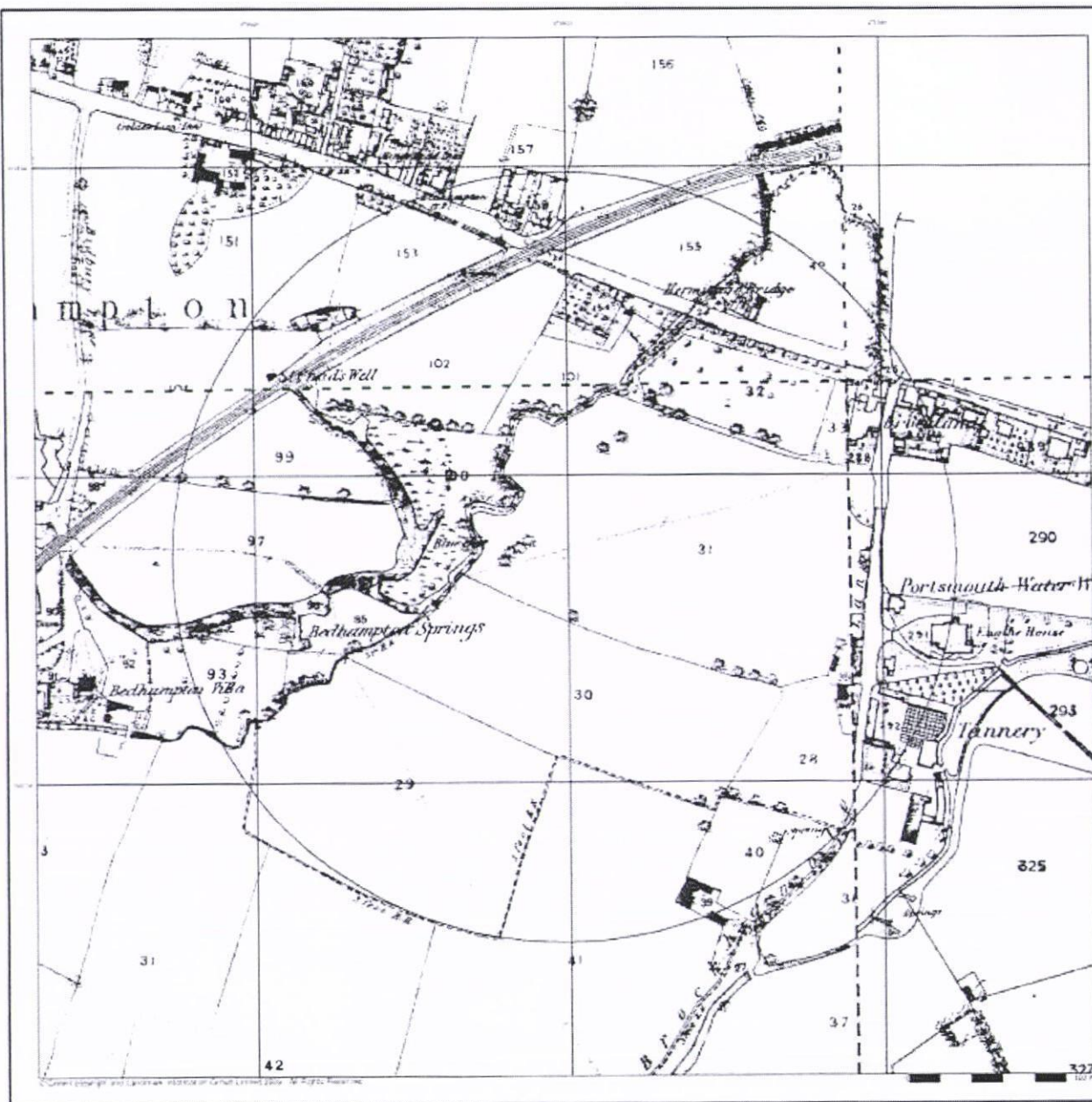
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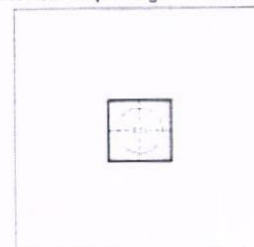
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Map Name(s) and Date(s)

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OS, 1867 1:2,500	OS, 1867 1:2,500

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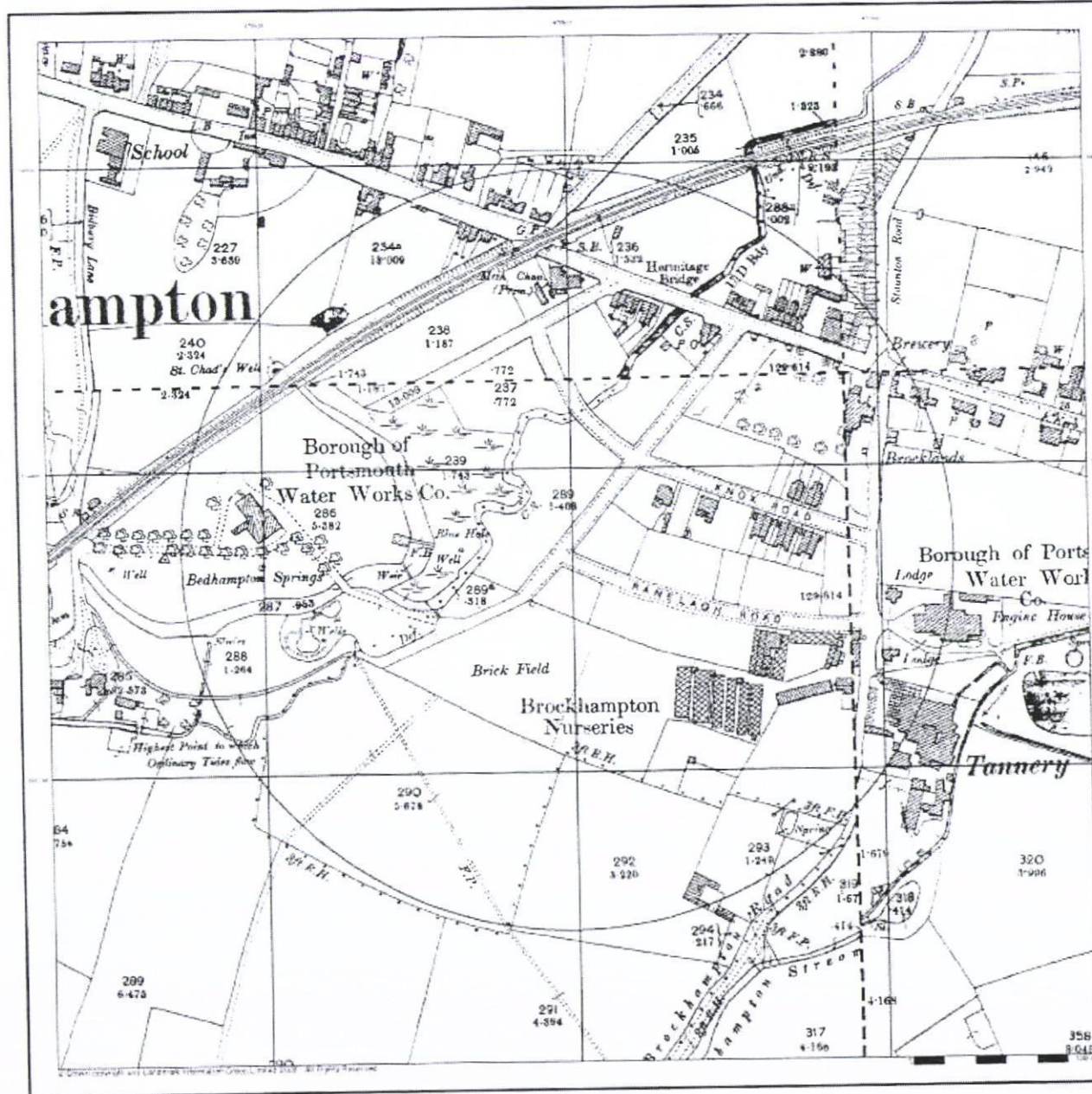
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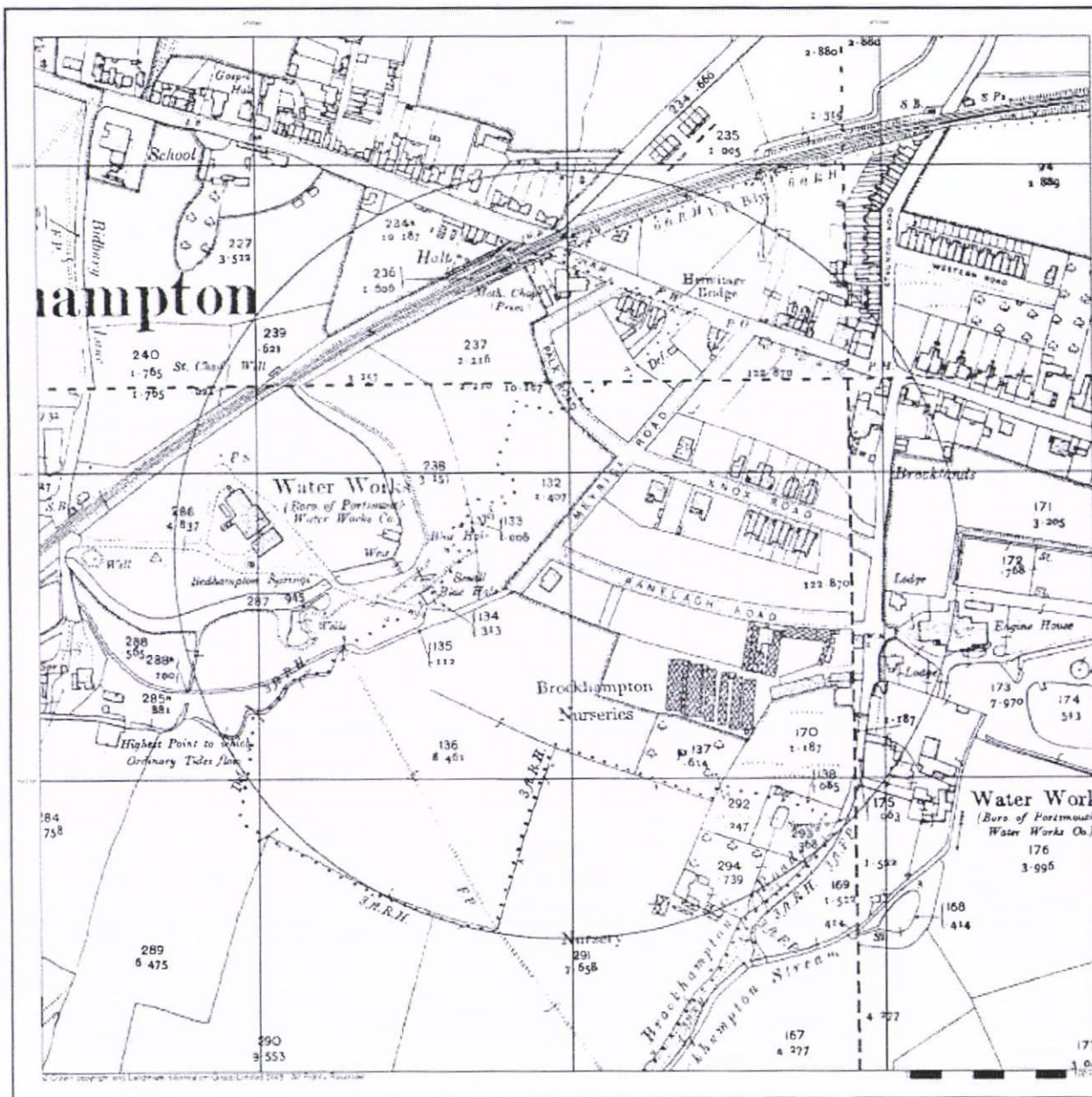
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Hampshire & Isle Of Wight Published 1909

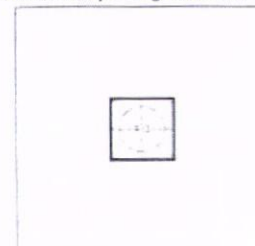
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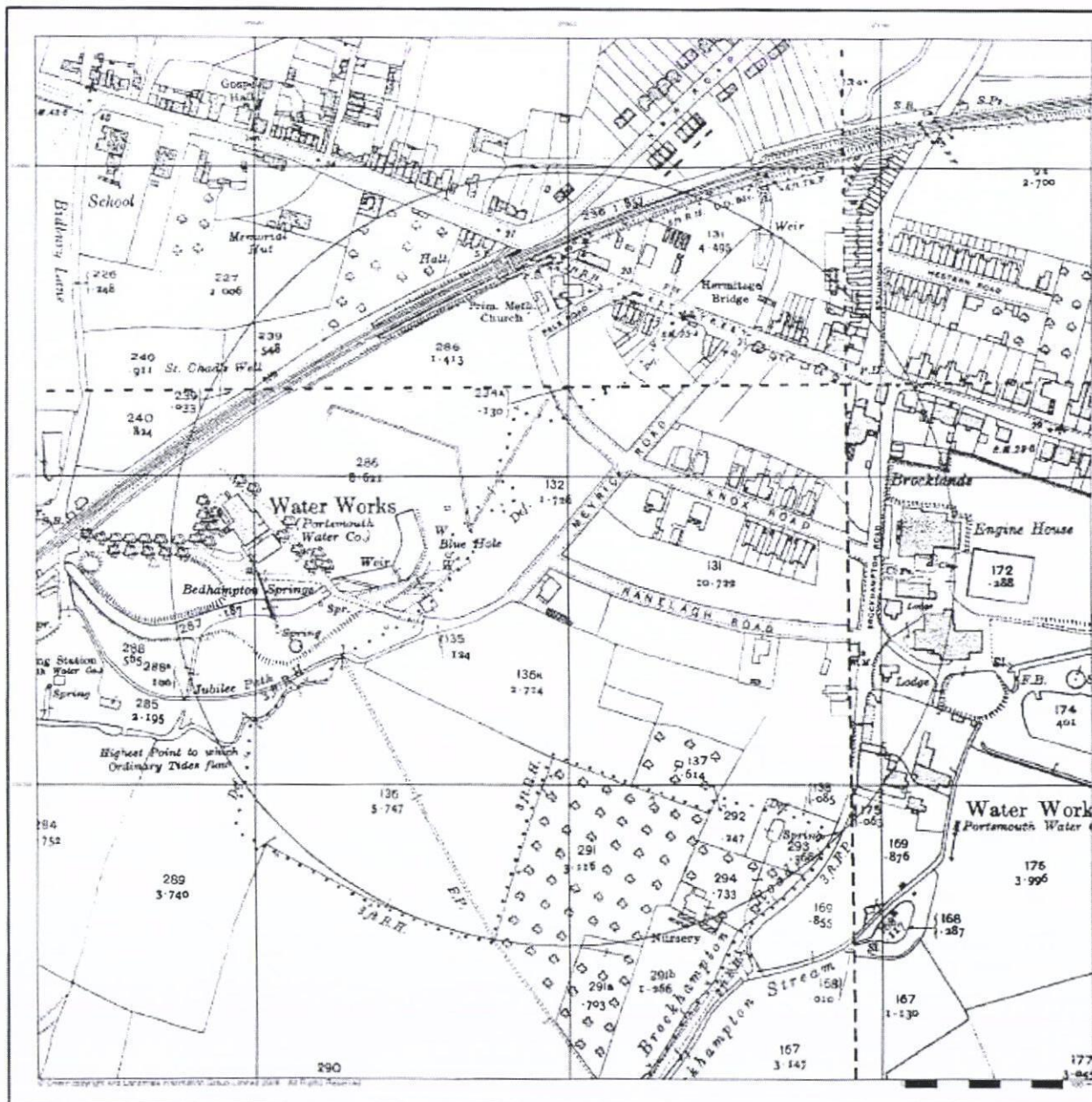
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Published 1932

Source map scale - 1:2,500

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Map Name(s) and Date(s)

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OS, 1942 1:2,500	OS, 1942 1:2,500

Historical Map - Segment A13



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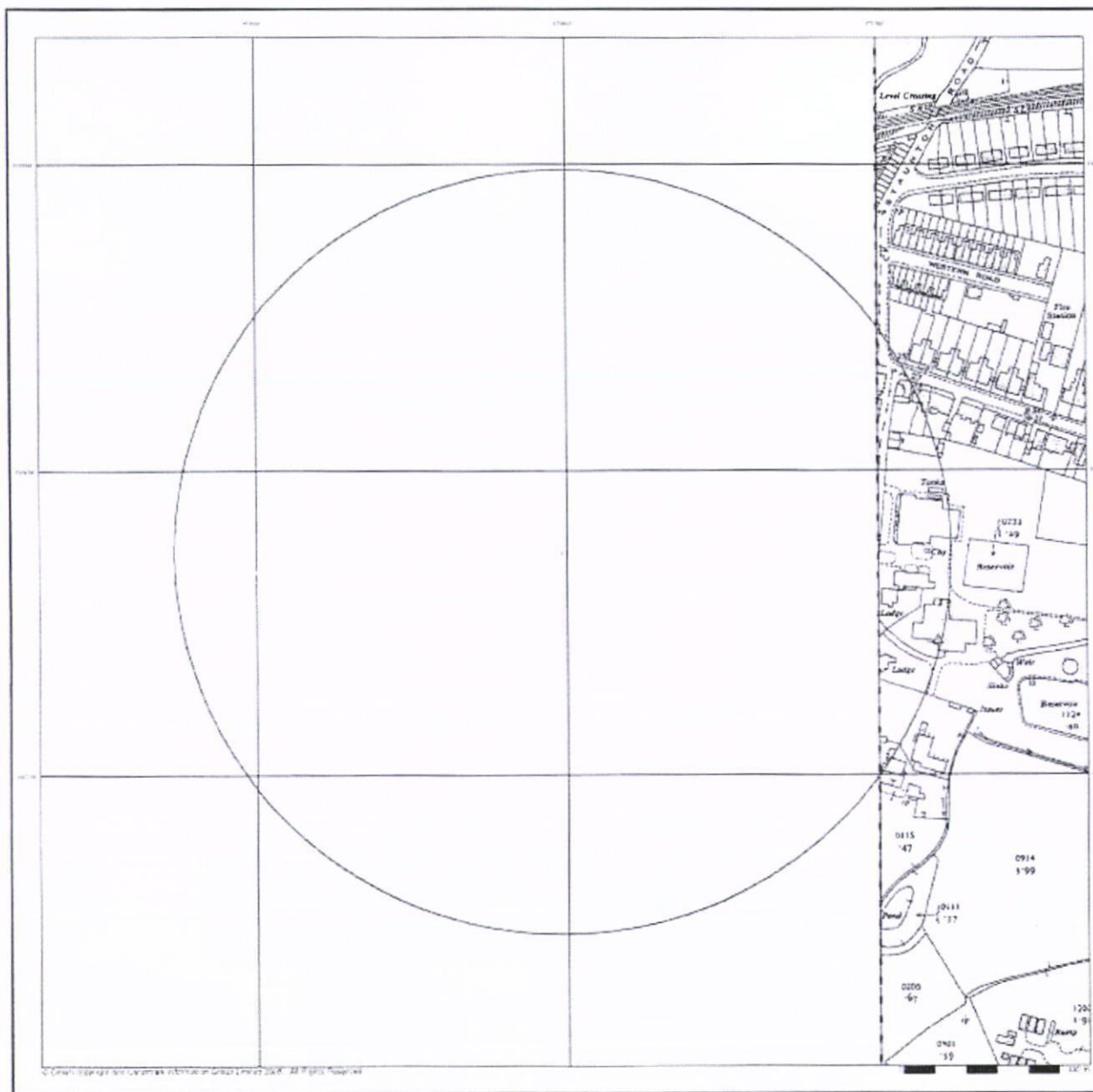
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Site: A
Site Area (Ha): 0.01
Search Buffer (m): 250

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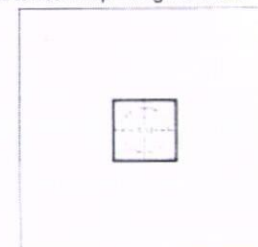
**Additional SIMs
Published 1953
Source map scale - 1:2,500**

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced in both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



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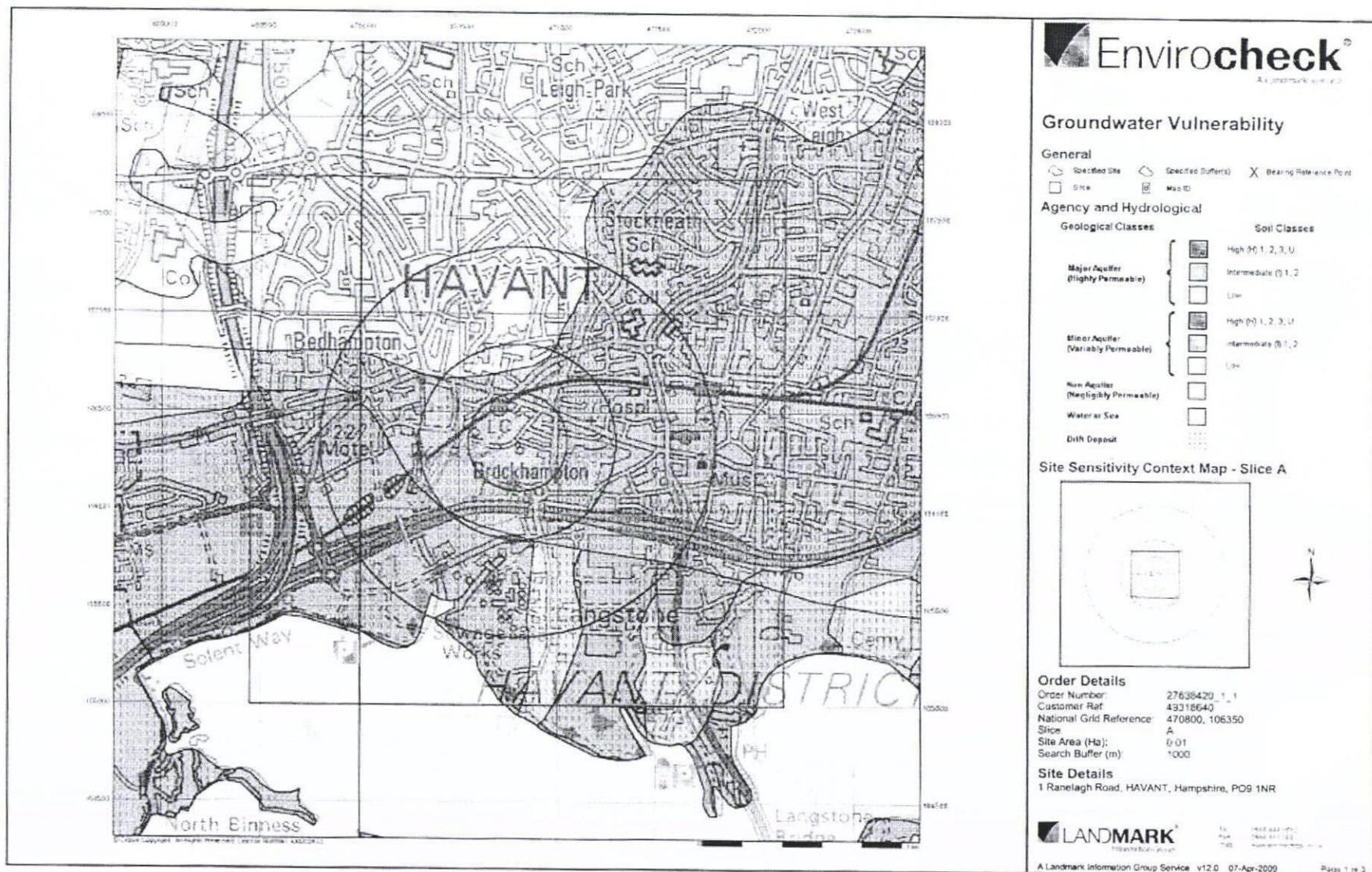
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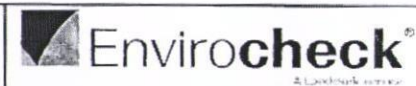
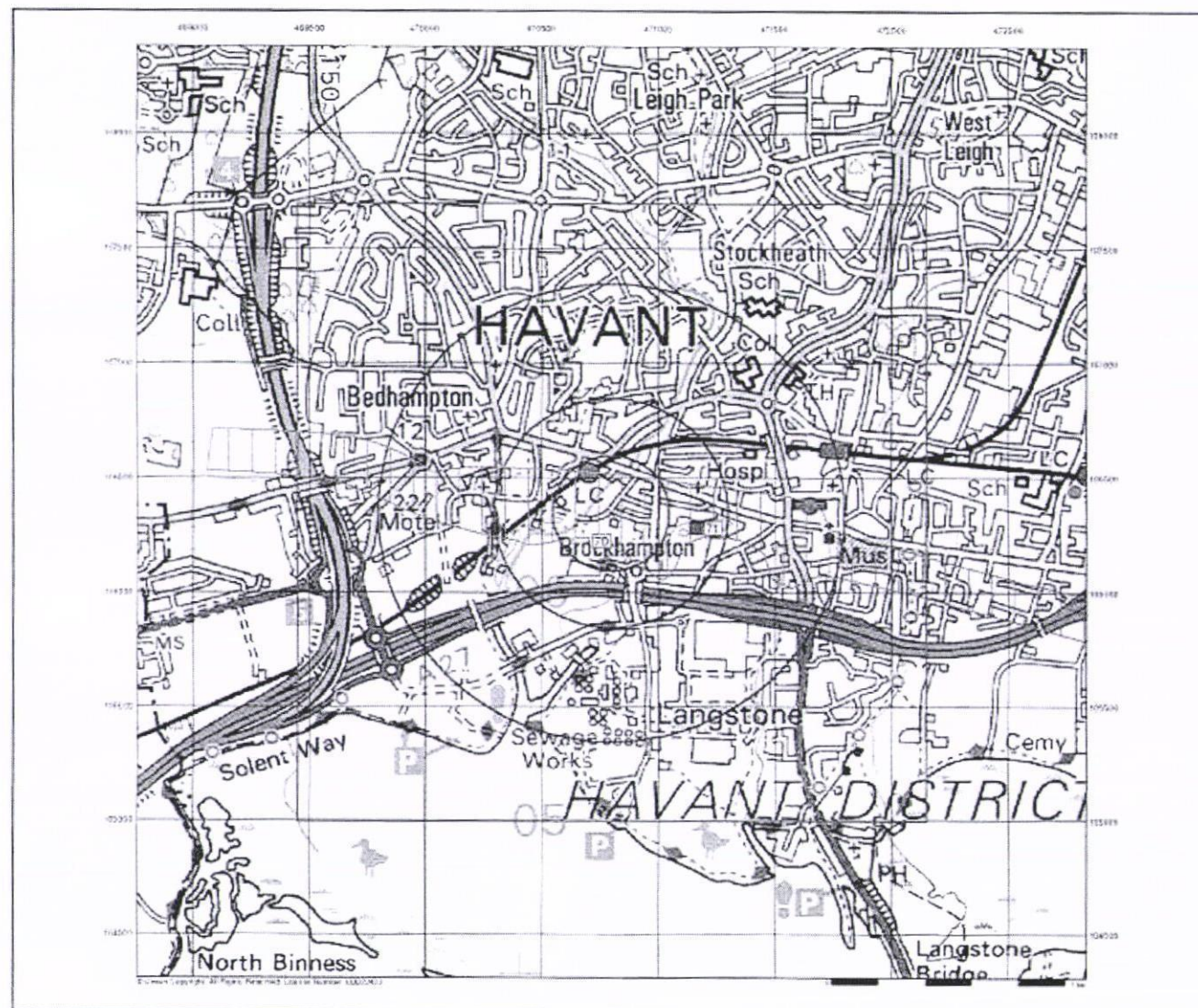
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Source Protection Zones

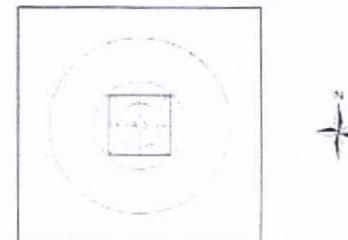
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Boundary

Site Sensitivity Context Map - Slice A



Order Details

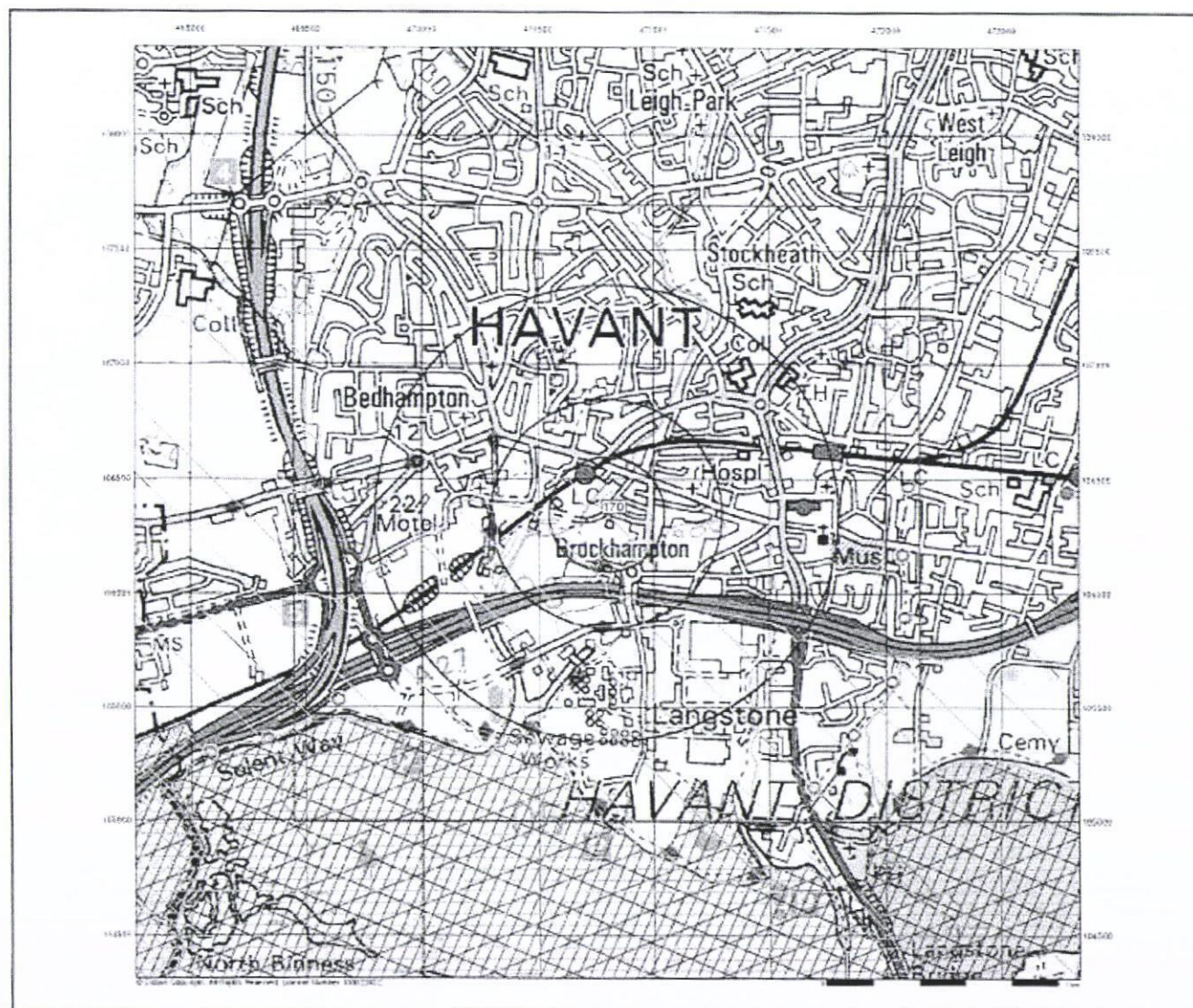
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Sensitive Land Uses

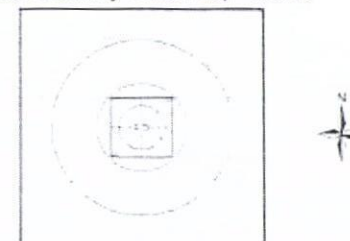
General

- Specified Site
- Specified Buffers
- Bearing Reference Point
- Site
- Map ID

Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

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Site Details

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Top: 1000m AOD
 Data: 2004
 Date: 07-Apr-2006

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

27638420_1_1

Customer Reference:

49318640

National Grid Reference:

470800, 106350

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

1 Ranelagh Road

HAVANT

Hampshire

PO9 1NR

Client Details:

Mr S Silverthorn

URS Corporation Ltd

Crescent House

Yonge Close

Eastleigh

Hampshire

SO50 9SX

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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v36.0

Summary

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Integrated Pollution Controls	pg 16				2
Integrated Pollution Prevention And Control	pg 16		2		1
Local Authority Integrated Pollution Prevention And Control	pg 17				2
Local Authority Pollution Prevention and Controls	pg 17			2	8
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 18		Yes		
Pollution Incidents to Controlled Waters	pg 19		1	3	13
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Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 22			4	1
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River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 23				1
Substantiated Pollution Incident Register					
Water Abstractions	pg 23		4	2	
Water Industry Act Referrals					
Groundwater Vulnerability	pg 25	Yes	n/a	n/a	n/a
Source Protection Zones	pg 25	1		1	
Extreme Flooding from Rivers or Sea without Defences	pg 25	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 26		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 28				2
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Registered Waste Treatment or Disposal Sites	pg 34				4



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 37				1
BGS 1:625,000 Solid Geology	pg 37	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities	pg 37				1
Potential for Collapsible Ground Stability Hazards	pg 37	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 37		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 37	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 37	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 37	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards		Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas		Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures		Yes	n/a	n/a	n/a
Shallow Mining Hazards				n/a	n/a
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Data Type

Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Sensitive Land Use

Areas of Adopted Green Belt

Areas of Unadopted Green Belt

Areas of Outstanding Natural Beauty

Environmentally Sensitive Areas

Forest Parks

Local Nature Reserves

Marine Nature Reserves

National Nature Reserves

National Parks

Nitrate Sensitive Areas

Nitrate Vulnerable Zones

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Ramsar Sites

Sites of Special Scientific Interest

Special Areas of Conservation

Special Protection Areas

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
1	Operator: Seven Springs Ltd Property Type: Wholesale Distribution Food/Drink/Tabacco Location: Seven Springs Ltd, The Bottling Plant, Ranelagh Road, Bedhampton, Havant Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07582 Permit Version: 1 Effective Date: 2nd June 2000 Issued Date: 2nd June 2000 Revocation Date: 14th November 2003 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (S)	124	1	470840 106230
Discharge Consents					
2	Operator: Southern Water Services Ltd (H) Property Type: Sewerage Network - Sewers - Water Company Location: Park Lane, Bedhampton Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00316 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 14th January 1993 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13NW (W)	197	1	470800 106350
Discharge Consents					
3	Operator: Seward (Havant) Ltd. Property Type: Undefined Or Other Location: Millington Fields Site, West Street, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01098 Permit Version: 1 Effective Date: 18th May 1983 Issued Date: 18th May 1983 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	208	1	470890 106530
Discharge Consents					
4	Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	300	1	471040 106170

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
4	Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	304	1	471020 106140
Discharge Consents					
4	Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	304	1	471030 106150
Discharge Consents					
5	Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	307	1	470950 106080
Discharge Consents					
6	Operator: Kingscroft Management Property Type: Undefined Or Other Location: Kingscroft Court, Marples Way Kingscroft Court, Marples Way, Havant, Hampshire, Po9 1ls Authority: Environment Agency, Southern Region Catchment Area: Bldbury/Harmilage Streams Reference: P00398 Permit Version: 1 Effective Date: 20th February 1986 Issued Date: 20th February 1986 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where Issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SW (S)	310	1	470750 106040

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
7	Operator: Kingscroft Management Property Type: Undefined Or Other Location: Kingscroft Court, Marples Way Kingscroft Court, Marples Way, Havant, Hampshire, Po9 1ls Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: P00398 Permit Version: 1 Effective Date: 20th February 1986 Issued Date: 20th February 1986 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (S)	312	1	470860 106040
Discharge Consents					
8	Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	400	1	470580 106010
Discharge Consents					
9	Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	403	1	470590 106000
Discharge Consents					
9	Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	425	1	470580 105980

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
9	Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	439	1	470570 105970
Discharge Consents					
10	Operator: Aep (Hampshire) Ltd (Hmip) Property Type: Incinerators Location: Brockhampton Incinerator, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Ag8276 Permit Version: 1 Effective Date: 13th May 1993 Issued Date: 13th May 1993 Revocation Date: 6th March 1998 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	454	1	470640 105920
Discharge Consents					
11	Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	458	1	470550 105960
Discharge Consents					
11	Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	477	1	470530 105950

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
12	Operator: North Shore Yacht Yards Ltd. Property Type: Undefined Or Other Location: Boshampton Lane, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01265 Permit Version: 1 Effective Date: 5th May 1978 Issued Date: 5th May 1978 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NE (S)	473	1	470880 105880
Discharge Consents					
13	Operator: Mr D & Mrs J Kelly Property Type: Domestic Property (Single) Location: The Old Mill House, Mill Lane, Bedhampton, Havant, Hampshire, Po9 3jh Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: D01551 Permit Version: 1 Effective Date: 2nd July 1987 Issued Date: 2nd July 1987 Revocation Date: 18th April 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	546	1	470320 106080
Discharge Consents					
14	Operator: Alfred Stent & Son (Havant) Ltd Property Type: Undefined Or Other Location: Brockhampton Stream Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: H02821 Permit Version: 1 Effective Date: 12th April 1957 Issued Date: 12th April 1957 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	564	1	470590 105800
Discharge Consents					
14	Operator: Hampshire Waste Services Property Type: Incinerators Location: Havant Incinerator, Harts Farm Way, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01273 Permit Version: 1 Effective Date: 5th January 1978 Issued Date: 5th January 1978 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8NW (S)	606	1	470580 105780

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
15	Operator: Havant Business Centre Management Property Type: Horticulture Est. Nursery Gardens Location: Nursery Units, Harts Farm Way South Side, Brockhampton, HAVANT, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01080 Permit Version: 1 Effective Date: 26th November 1984 Issued Date: 26th November 1984 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NE (S)	588	1	470850 105760
Discharge Consents					
16	Operator: A & J Bull (Southern) Ltd Property Type: Extraction Of Other Minerals Location: Lorry Park West Of Southmoor Lan, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07079r Permit Version: 1 Effective Date: 13th May 1998 Issued Date: 13th May 1998 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	608	1	470750 105740
Discharge Consents					
16	Operator: Goldail Ltd Property Type: Extraction Of Other Minerals Location: Lorry Park West Of Southmoor Lan, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P02498 Permit Version: 2 Effective Date: 18th January 1996 Issued Date: 18th January 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	608	1	470750 105740
Discharge Consents					
16	Operator: Goldail Ltd Property Type: Extraction Of Other Minerals Location: Lorry Park West Of Southmoor Lan, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02498 Permit Version: 1 Effective Date: 3rd August 1989 Issued Date: 3rd August 1989 Revocation Date: 18th January 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (S)	608	1	470750 105740

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
16	Operator: O.C. Summers Ltd. Property Type: Undefined Or Other Location: Harts Farm Way, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01222 Permit Version: 1 Effective Date: 30th January 1980 Issued Date: 30th January 1980 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	ABNW (S)	631	1	470720 105720
Discharge Consents					
16	Operator: J M Bussell Ltd. Property Type: Undefined Or Other Location: Harts Farm Way, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: PD0386 Permit Version: 1 Effective Date: 24th February 1986 Issued Date: 24th February 1986 Revocation Date: 27th September 2005 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Consent revoked: Discharge ceased (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	ABNW (S)	642	1	470710 105710
Discharge Consents					
16	Operator: Southern Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Sewage Disposal Works, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00752 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	ABNW (S)	651	1	470720 105700
Discharge Consents					
16	Operator: The Occupier Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Sewage Disposal Works, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01182 Permit Version: 1 Effective Date: 10th April 1969 Issued Date: 10th April 1969 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	ABNW (S)	651	1	470720 105700

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
17	Operator: Hopkins Recycling Ltd Property Type: Unspecified Tip Location: Havant Hw Recycling Centre, Harts Farm Way, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07333 Permit Version: 1 Effective Date: 12th September 2000 Issued Date: 12th September 2000 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	639	1	470500 105780
Discharge Consents					
17	Operator: HAMPSHIRE WASTE SERVICES Property Type: Incinerators Location: OLD HAVANT INCINERATOR SITE, HARTS FARM WAY, HAVANT, HAMPSHIRE Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07788 Permit Version: 1 Effective Date: 10th December 1999 Issued Date: 10th December 1999 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	666	1	470500 105750
Discharge Consents					
18	Operator: Scottish & Southern Energy Plc Property Type: Production & Distribution Of Electricity Location: 132/133kv Substation, Harts Fm Way Scottish & Southern Energy Ltd, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: G00517 Permit Version: 1 Effective Date: 14th June 2005 Issued Date: 14th June 2005 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	641	1	470647 105723
Discharge Consents					
19	Operator: Southern Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00752 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Saline Estuary Environment: Receiving Water: Brockhampton Creek Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8SW (S)	693	1	470700 105660

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
20	Operator: Tarmac Ltd. Property Type: Extraction Of Stone, Gravel Etc. Location: Bedhampton Quay, Harts Farm Way Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: G01127 Permit Version: 1 Effective Date: 2nd April 2007 Issued Date: 2nd April 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Groundwater Via Soakaway Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (SW)	737	1	470510 105667
Discharge Consents					
21	Operator: Hanson Quarry Products Ltd Property Type: Ready Mixed Concrete Location: Land At Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P03515 Permit Version: 2 Effective Date: 13th June 1997 Issued Date: 13th June 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	740	1	470320 105780
Discharge Consents					
21	Operator: Pioneer Property Type: Ready Mixed Concrete Location: Land At Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P03515 Permit Version: 1 Effective Date: 4th June 1991 Issued Date: 4th June 1991 Revocation Date: 13th June 1997 Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	740	1	470320 105780
Discharge Consents					
22	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 6 Effective Date: 31st March 2008 Issued Date: 6th March 2008 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: The Solent/Langstone Harbour Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	749	1	470660 105610

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
22	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1JW Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 7 Effective Date: 1st April 2012 Issued Date: 6th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	749	1	470660 105610
Discharge Consents					
22	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1JW Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 5 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A8SW (S)	749	1	470660 105610
Discharge Consents					
22	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1JW Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 4 Effective Date: 15th December 2005 Issued Date: 15th December 2005 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	749	1	470660 105610
Discharge Consents					
22	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1JW Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 3 Effective Date: 14th December 2004 Issued Date: 14th December 2004 Revocation Date: 14th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	749	1	470660 105610

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
22	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1JW Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 2 Effective Date: 3rd September 2002 Issued Date: 3rd September 2002 Revocation Date: 13th December 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: The Solent Or Langstone Harbr Receiving Water: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	749	1	470660 105610
Discharge Consents					
22	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1JW Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 3rd September 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: The Solent Or Langstone Harbr Receiving Water: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	749	1	470660 105610
Discharge Consents					
23	Operator: SOUTHERN WATER SERVICES LTD Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00915 Permit Version: 1 Effective Date: 28th October 1999 Issued Date: 28th October 1999 Revocation Date: 7th August 2003 Discharge Type: Groundwater - Unspecified Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	752	1	470600 105620
Discharge Consents					
24	Operator: Mr D.S. Hughes F.R.I.C.S. Property Type: Undefined Or Other Location: 62-66 West Street, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01171 Permit Version: 1 Effective Date: 4th June 1982 Issued Date: 4th June 1982 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Lapsed (under Environment Act 1995, Schedule 23) Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A14SE (E)	754	1	471550 106320

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
25	Operator: Havant Borough Council Property Type: Extraction Of Other Minerals Location: Bus Station At Elm Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01228 Permit Version: 2 Effective Date: 14th February 1996 Issued Date: 14th February 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A14NE (E)	805	1	471600 106400
Discharge Consents					
25	Operator: Stagecoach (South) Ltd Property Type: Extraction Of Other Minerals Location: Bus Station At Elm Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01228 Permit Version: 1 Effective Date: 26th November 1979 Issued Date: 26th November 1979 Revocation Date: 14th February 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A14NE (E)	805	1	471600 106400
Discharge Consents					
26	Operator: Solent Aggregates Ltd Property Type: Extraction Of Stone, Gravel Etc. Location: Bedhampton Quay, Harts Farm Way Bedhampton Quay, Harts Farm Way, Havant, Hampshire, PO9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: G01141 Permit Version: 1 Effective Date: 3rd July 2007 Issued Date: 3rd July 2007 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Hermitage Stream Receiving Water: Hermitage Stream Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	840	1	476434 105588
Discharge Consents					
27	Operator: Hanson Aggregates Uk Property Type: Undefined Or Other Location: Bedhampton Plant, Harts Farm Way, HAVANT, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: P04007 Permit Version: 1 Effective Date: 28th January 1992 Issued Date: 28th January 1992 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	884	1	470510 105510

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
27	Operator: Solent Aggregates Ltd Property Type: Extraction Of Stone, Gravel Etc. Location: Bedhampton Quay, Harts Farm Way Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: P03532 Permit Version: 1 Effective Date: 4th June 1991 Issued Date: 4th June 1991 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Mineral Workings Discharge: Saline Estuary Environment: Receiving Water: Brockhampton Stream Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A8SW (S)	864	1	470510 105510
Discharge Consents					
28	Operator: Hampshire Education Committee Property Type: Education Location: Trosnant County Junior School, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01030 Permit Version: 1 Effective Date: 18th October 1963 Issued Date: 18th October 1963 Revocation Date: 6th March 1996 Discharge Type: Discharge Of Other Matter-Swimming Pool Contents Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	923	1	471250 107150
Discharge Consents					
29	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 6 Effective Date: 31st March 2008 Issued Date: 6th March 2008 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	947	1	470750 105400
Discharge Consents					
29	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 7 Effective Date: 1st April 2012 Issued Date: 6th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	947	1	470750 105400

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
29	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 5 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A8SW (S)	947	1	470750 105400
Discharge Consents					
29	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 4 Effective Date: 15th December 2005 Issued Date: 15th December 2005 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbor Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	947	1	470750 105400
Discharge Consents					
29	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 3 Effective Date: 14th December 2004 Issued Date: 14th December 2004 Revocation Date: 14th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbor Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	947	1	470750 105400
Discharge Consents					
29	Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 3rd September 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbor Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	947	1	470750 105400

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
30	Operator: Havant International Ltd Property Type: Office/Data Proc Equip Manufacture Location: Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01162 Permit Version: 2 Effective Date: 17th March 1995 Issued Date: 17th March 1995 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	954	1	471480 105680
Discharge Consents					
30	Operator: Xyratex Property Type: Office/Data Proc Equip Manufacture Location: Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01162 Permit Version: 1 Effective Date: 27th October 1982 Issued Date: 27th October 1982 Revocation Date: 17th March 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pro National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	954	1	471480 105680
Discharge Consents					
31	Operator: Southern Water Services Ltd (H) Property Type: Sewerage Network - Sewers - Water Company Location: Bedhampton Hill, Bedhampton Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00315 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 6th March 1996 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A12SW (W)	957	1	469840 106310
Discharge Consents					
32	Operator: Havant International Ltd Property Type: Office/Data Proc Equip Manufacture Location: Office Car Park, Phase 6, Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01268 Permit Version: 2 Effective Date: 17th March 1995 Issued Date: 17th March 1995 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	974	1	471280 105500

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Discharge Consents					
32	Operator: Xyratex Property Type: Office/Data Proc Equip Manufacture Location: Office Car Park, Phase 6, Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01268 Permit Version: 1 Effective Date: 13th April 1978 Issued Date: 13th April 1978 Revocation Date: 17th March 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	974	1	471280 105500
Integrated Pollution Controls					
33	Name: Adflex Solutions Ltd (Dissolved) Location: P O Box 6, HAVANT, Hampshire, PO9 1SA Authority: Environment Agency, Southern Region Permit Reference: AP1131 Dated: 29th March 1995 Process Type: IPC new application Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Unknown	A9NW (SE)	894	1	471400 105700
Integrated Pollution Controls					
33	Name: Adflex Solutions Ltd (Dissolved) Location: P O Box 6, Langstone Road, HAVANT, Hampshire, PO9 1SA Authority: Environment Agency, Southern Region Permit Reference: AU8741 Dated: 17th January 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation revokedRevoked Positional Accuracy: Unknown	A9NW (SE)	887	1	471400 105695
Integrated Pollution Prevention And Control					
34	Name: Portsmouth Water Ltd Location: Bedhampton Landfill, Bedhampton Waterworks, Meyrick Road,,, Havant, Hampshire, PO9 1NN Authority: Environment Agency, Southern Region Permit Reference: BP3635UL Original Permit Ref: Np3439pn Effective Date: 7th September 2007 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	A13SW (SW)	133	1	470680 106282
Integrated Pollution Prevention And Control					
35	Name: Portsmouth Water Ltd Location: Bedhampton Waterworks, Meyrick Road, Havant, Hampshire, Po9 1nn Authority: Environment Agency, Southern Region Permit Reference: Np3439pn Original Permit Ref: Np3439pn Effective Date: 21st April 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	A13NE (E)	157	1	470953 106381

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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Integrated Pollution Prevention And Control					
36	Name: Southern Water Services Ltd Location: Budds Farm Water Treatment Works, Southmoor Lane, Havant, Hampshire, PO9 1JW Authority: Environment Agency, Southern Region Permit Reference: ZP3235XJ Original Permit Ref: Zp3235xj Effective Date: 15th October 2008 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A8SW (S)	840	1	470711 105510
Local Authority Integrated Pollution Prevention And Control					
37	Name: Hanson Aggregates Location: Bedhampton Quay, Harts Farm Way, Havant, Hampshire, PO9 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/3.1/1 Dated: Not Supplied Process Type: Mineral Industries Description: PG3/1 Concrete Batching Status: Permit Issued Positional Accuracy: Manually positioned to the address or location	A8SW (S)	786	2	470498 105619
Local Authority Integrated Pollution Prevention And Control					
37	Name: Tarmac Southern Ltd Location: Bedhampton Quay, Harts Farm Way, Havant, Hampshire, PO9 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/3.1/2 Dated: Not Supplied Process Type: Mineral Industries Description: PG3/1 Concrete Batching Status: Permit Issued Positional Accuracy: Manually positioned to the address or location	A8SW (S)	786	2	470498 105619
Local Authority Pollution Prevention and Controls					
38	Name: Pioneer Concrete (Uk) Ltd Location: Bedhampton Quay, Harts Farm Way, HAVANT, Hampshire, PO9 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/1/94 Dated: 1st October 1993 Process Type: Local Authority Air Pollution Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Transferred to LAIPPC Positional Accuracy: Manually positioned to the address or location	A8NW (S)	483	2	470674 105879
Local Authority Pollution Prevention and Controls					
38	Name: Hanson Aggregates Location: Bedhampton Quay, Harts Farm Way, HAVANT, Hampshire, PO9 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/1/94 Dated: 1st October 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	483	2	470674 105879
Local Authority Pollution Prevention and Controls					
39	Name: Kwik-Fit Location: New Road, HAVANT, Hampshire, PO9 1DE Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/02/98 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A19SW (NE)	537	2	471136 106763

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Local Authority Pollution Prevention and Controls					
40	Name: Solent Cleaners Ltd Location: 15 Solent Road, HAVANT, Hampshire, PO9 1AF Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/05/00724v1 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	623	2	471345 106049
Local Authority Pollution Prevention and Controls					
41	Name: Tesco Stores Ltd Location: Solent Road, Langstone Harbour, HAVANT, Hampshire, PO9 5AH Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/05/00326 Dated: 28th May 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A14SE (SE)	771	2	471494 106017
Local Authority Pollution Prevention and Controls					
42	Name: Mitchell & James Ltd Location: Unit 1, Southmoor Lane, BEDHAMPTON, Hampshire, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/1/01 Dated: 12th November 2001 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	764	2	470961 105579
Local Authority Pollution Prevention and Controls					
42	Name: Seaward Arc Location: Southmoor Lane, HAVANT, Hampshire, PO9 Authority: Havant Borough Council, Environmental Health Department Permit Reference: Ppc-B/01/03 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	813	2	470963 105550
Local Authority Pollution Prevention and Controls					
43	Name: Texaco (Star Service Station) Location: 5 Park Road South, HAVANT, Hampshire, PO9 1HA Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/03/98 Dated: 21st August 2000 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A14SE (E)	807	2	471590 106196
Local Authority Pollution Prevention and Controls					
44	Name: Rowland Way Ltd Location: Southmoor Lane, HAVANT, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8SE (S)	820	2	471053 105567
Local Authority Pollution Prevention and Controls					
45	Name: Solent Cleaners Ltd Location: 5 Market Parade, Havant, Po9 1py Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/05/01765 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Application Not Yet Authorised Positional Accuracy: Located by supplier to within 10m	A14NE (E)	932	2	471719 106479
Nearest Surface Water Feature					
		A13NW (NW)	51	-	470754 106374

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
46	Property Type: Other General Premises Location: Back Of Meyrick Road Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel On River; Miscellaneous Premises: Unknown Incident Date: 12th February 1994 Incident Reference: 1078 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	46	1	470800 106300
Pollution Incidents to Controlled Waters					
47	Property Type: Construction Location: Brockhampton Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Brockhampton Stream Has Changed Colour Incident Date: 18th August 1998 Incident Reference: 798411 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	267	1	470900 106100
Pollution Incidents to Controlled Waters					
48	Property Type: Other General Premises Location: New Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil On Hermitage Stream; Miscellaneous Premises: Unknown Incident Date: 29th December 1994 Incident Reference: 1625 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	274	1	470900 106600
Pollution Incidents to Controlled Waters					
49	Property Type: Domestic/Residential Location: BEDHAMPTON Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Stream May Be Polluted Incident Date: 11th September 1997 Incident Reference: 797465 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	400	1	470400 106400
Pollution Incidents to Controlled Waters					
50	Property Type: Industrial; Other Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil On Stream; Demolition Incident Date: 12th May 1994 Incident Reference: 1255 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	513	1	470400 106020
Pollution Incidents to Controlled Waters					
51	Property Type: Private Sewage (Non-PLC); Other Location: Boys Brigade Gardens, Elm Lane, Park Road North Authority: Environment Agency, Southern Region Pollutant: Unknown Sewage Note: Possible Contamination By Sewage Incident Date: 2nd October 1997 Incident Reference: 797533 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	705	1	471500 106395

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
51	Property Type: Water Company Sewage: Other Location: Market Parade, HAVANT Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Dirty Stream; Water Company Sewage: Other Incident Date: 12th June 1995 Incident Reference: 1898 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	706	1	471500 105400
Pollution Incidents to Controlled Waters					
52	Property Type: Road (Road Traffic Accident) Location: Havant Borough Council, Harts Farm Way Depot Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Spillage Of Oil Incident Date: 8th November 1996 Incident Reference: 796525 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	711	1	470500 105700
Pollution Incidents to Controlled Waters					
53	Property Type: Miscellaneous Premises: Other Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Urban Runoff Note: Oil On Stream Incident Date: 25th October 1996 Incident Reference: 796498 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	718	1	471500 106200
Pollution Incidents to Controlled Waters					
54	Property Type: Miscellaneous Premises: Other Location: Cjh Tyres, 3A Brockhampton Lane, HAVANT Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Cleaning Fluid In Stream At Rear Of Premises Incident Date: 10th October 1996 Incident Reference: 796470 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	816	1	471600 106200
Pollution Incidents to Controlled Waters					
55	Property Type: Water Company Sewage: Foul Sewer Location: West Street Bridge, Opposite Seward Rover Garage, BEDHAMPTON Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Sewage In Stream Incident Date: 28th March 1997 Incident Reference: 797160 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	887	1	470001 106001
Pollution Incidents to Controlled Waters					
56	Property Type: Manufacturing Location: Hanson Aggregates, Harts Farm Way, Badhampton Quay, HAVANT Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Pigments Note: Not Supplied Incident Date: 17th August 1999 Incident Reference: 2188 Catchment Area: Unknown Receiving Water: Freshwater Stream/River Cause of Incident: Containment Failure : Bund Overtopped Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A8SW (S)	869	1	470600 105500

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Pollution Incidents to Controlled Waters					
57	Property Type: Road Location: U/S Of De La Rue Premises Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Diesel In Stream Incident Date: 19th October 1992 Incident Reference: 337 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	874	1	471600 106000
Pollution Incidents to Controlled Waters					
58	Property Type: Water Company Sewage: Other Location: Hermitage Stream, Harts Farm Way, HAVANT Authority: Environment Agency, Southern Region Pollutant: Storm Sewage Note: Sewage Debris In Stream, Water Company Sewage: Combined Sewer Overflow Incident Date: 12th September 1994 Incident Reference: 1455 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	897	1	470500 105500
Pollution Incidents to Controlled Waters					
58	Property Type: Ships/Boats Location: United Marine Aggregates Wharf, BEDHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Spillage Of Waste Oil Incident Date: 21st February 1996 Incident Reference: 796074 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oil Boat/Ship Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	901	1	470500 105495
Pollution Incidents to Controlled Waters					
59	Property Type: Miscellaneous Premises: Other Location: Solent Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Diesel Oil In Stream Incident Date: 28th January 1997 Incident Reference: 797046 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	919	1	471600 105900
Pollution Incidents to Controlled Waters					
60	Property Type: Other General Premises Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil In Stream; Miscellaneous Premises: Unknown Incident Date: 29th March 1995 Incident Reference: 1766 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	971	1	471600 105800
Prosecutions Relating to Authorised Processes					
61	Location: 1-3 Ridgway, HAVANT, Hampshire, PO9 1JS Prosecution Text: ENDS Report 296 (September 1999), Breaching the packaging regulations by failing to register, to take "reasonable steps" to recover its obligated tonnages of packaging waste and to provide a certificate of compliance. Prosecution Act: PRO(PW)R97 Hearing Date: 1st September 1999 Verdict: Guilty Fine: 1250 Costs: £ Positional Accuracy: Manually positioned to the road within the address or location	A13SW (S)	245	1	470784 106101



Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Prosecutions Relating to Authorised Processes					
62	Location: Southmoor Lane, Havant, Po9 Prosecution Text: Tipping brick and rubble onto land without a WML Prosecution Act: Epa90 S33(1)(A) Hearing Date: 18th February 2005 Verdict: Guilty Fine: 400 Costs: 318 Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	703	1	470959 105662
Registered Radioactive Substances					
63	Name: Apollo Fire Detectors Ltd Location: 2-8 Solent Road, HAVANT, Hampshire, PO9 1JH Authority: Environment Agency, Southern Region Permit Reference: AC1369 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address	A13SE (SE)	425	1	471094 106042
Registered Radioactive Substances					
63	Name: Apollo Fire Detectors Ltd Location: 2-8 Solent Road, HAVANT, Hampshire, PO9 1JH Authority: Environment Agency, Southern Region Permit Reference: AC1385 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelledCancelled Positional Accuracy: Automatically positioned to the address	A13SE (SE)	429	1	471094 106037
Registered Radioactive Substances					
64	Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road, Havant, Hampshire, PO9 1JR Authority: Environment Agency, Southern Region Permit Reference: B0812 Dated: 23rd January 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address	A8NE (SE)	478	1	471032 105930
Registered Radioactive Substances					
64	Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road, HAVANT, Hampshire, PO9 1JP Authority: Environment Agency, Southern Region Permit Reference: AW6707 Dated: 10th October 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address	A8NE (SE)	478	1	471032 105930
Registered Radioactive Substances					
65	Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road, HAVANT, PO9 1JR Authority: Environment Agency, Southern Region Permit Reference: Bu7280 Dated: 5th June 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	541	1	471016 105651
River Quality					
	Name: Hermitage Stream GQA Grade: River Quality C Reach: Tidal Limit - Source Estimated Distance (km): 14.8 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A13NW (W)	185	1	470617 106390

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Lavant (Hants) GQA Grade: River Quality A Reach: Tidal Limit - Source Estimated Distance (km): 6.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14SW (E)	586	1	471372 106230
56	River Quality Chemistry Sampling Points Name: Hermitage Stream Reach: Tidal Limit To Source Estimated Distance: 14.80 Objective: River Ecosystem Class 3: Fairly Good Quality Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant Year: 1995 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Significant Failure Year: 1996 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Significant Failure Year: 1997 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Significant Failure Year: 1998 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Significant Failure Year: 1999 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Marginal Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 2004 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Significant Failure Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure	A16SE (NE)	520	1	471050 106800
57	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (W)	218	1	470590 106370

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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
67	Water Abstractions				
	Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 164565 Yearly Rate (m3): 42732400 Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (W)	218	1	470580 106370
68	Water Abstractions				
	Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (E)	224	1	471020 106370
68	Water Abstractions				
	Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (E)	224	1	471020 106370
69	Water Abstractions				
	Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	326	1	470480 106270



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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Water Abstractions					
69	Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (W)	326	1	470480 106270
Groundwater Vulnerability					
	Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A18SW (N)	0	1	470722 106703
Drift Deposits					
None					
Source Protection Zones					
70	Name: Bedhampton & Havant Springs Source: Environment Agency, Head Office Reference: Su049 Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13SW (S)	0	1	470756 106224
Source Protection Zones					
71	Name: Bedhampton & Havant Springs Source: Environment Agency, Head Office Reference: Su049 Type: Groundwater Source	A14SW (E)	369	1	471160 106280
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Tidal Boundary Accuracy: As Supplied	A13NW (NW)	0	1	470790 106362
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A13NW (NW)	17	1	470790 106362
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A13SW (SW)	80	1	470725 106312
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A13NE (N)	88	1	470797 106434
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A13SW (SW)	117	1	470694 106292
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Combined Tidal and Fluvial Boundary Accuracy: As Supplied	A13NW (W)	118	1	470686 106387
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A13NE (NE)	163	1	470877 106512
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A13SE (SE)	227	1	470975 106205
Extreme Flooding from Rivers or Sea without Defences					
	Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A13NE (NE)	243	1	470941 106543



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Map
ID

Details

Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
A13NW (N)	21	1	470791 106367
A13SW (W)	114	1	470687 106318
A13SW (W)	125	1	470680 106302
A13SW (SW)	163	1	470647 106281
A13SW (SW)	170	1	470640 106280
A13SW (SW)	171	1	470640 106279
A13SW (SW)	177	1	470634 106275
A13SW (SW)	180	1	470633 106272
A13SW (SW)	182	1	470631 106271
A13NE (NE)	183	1	470877 106512
A13SW (SW)	188	1	470626 106269
A13SW (SW)	189	1	470625 106269
A13SW (SW)	191	1	470623 106268
A13SW (SW)	203	1	470617 106252
A13SW (SW)	204	1	470617 106251
A13SW (SW)	209	1	470607 106259
A13SW (SW)	210	1	470606 106258
A13SW (SW)	216	1	470605 106246
A13SW (SW)	218	1	470604 106245
A13SW (SW)	224	1	470598 106243
A13SW (SW)	225	1	470597 106242

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Combined Tidal and Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Fluvial
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

Flooding from Rivers or Sea without Defences

Flood Plain Type: Tidal
Boundary Accuracy: As Supplied

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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Fluvial	A13SW (SW)	225	1	470598
	Boundary Accuracy: As Supplied				106242
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Fluvial	A13SW (SW)	226	1	470597
	Boundary Accuracy: As Supplied				106241
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Tidal	A13SW (SW)	234	1	470589
	Boundary Accuracy: As Supplied				106238
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Fluvial	A13SW (SW)	236	1	470588
	Boundary Accuracy: As Supplied				106237
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Tidal	A13SW (SW)	238	1	470585
	Boundary Accuracy: As Supplied				106237
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Fluvial	A13SW (SW)	239	1	470585
	Boundary Accuracy: As Supplied				106236
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Tidal	A13SW (SW)	243	1	470580
	Boundary Accuracy: As Supplied				106235
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Fluvial	A13SW (SW)	244	1	470580
	Boundary Accuracy: As Supplied				106234
	Flooding from Rivers or Sea without Defences				
	Flood Plain Type: Fluvial	A13SW (SW)	249	1	470575
	Boundary Accuracy: As Supplied				106233
	Areas Benefiting from Flood Defences				
	None				
	Flood Water Storage Areas				
	None				
	Flood Defences				
	None				

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Historical Landfill Sites					
72	Licence Holder: Hampshire County Council Location: Harts Farm Way, Havant Name: Harts Farm Way Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20831 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: FHA15, 1760/1/13/6	A7NE (SW)	762	1	470261 105804
Historical Landfill Sites					
73	Licence Holder: Not Supplied Location: Brockhampton, Hampshire Name: Land South Of Budds Farm Sewage Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20826 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 1700/1304 BGS Ref: Not Supplied Other Ref: FHA10, HAV4	A8SW (S)	622	1	470596 105849
Integrated Pollution Control Registered Waste Sites					
74	Name: Onyx Hampshire Ltd Location: Brockhampton Incinerator, Harts Farm Way, HAVANT, Hampshire, PO9 1JN Authority: Environment Agency, Southern Region Permit Reference: AY3199 Dated: 9th April 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 5.1 A (C) Incineration within the Waste Disposal Industry Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	598	1	470526 105813
Integrated Pollution Control Registered Waste Sites					
74	Name: Onyx Hampshire Ltd Location: Brockhampton Incinerator, Harts Farm Way, HAVANT, Hampshire, PO9 1JN Authority: Environment Agency, Southern Region Permit Reference: AG8276 Dated: 13th May 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 5.1 A (C) Incineration within the Waste Disposal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	602	1	470526 105808
Integrated Pollution Control Registered Waste Sites					
74	Name: Onyx Hampshire Ltd Location: Brockhampton Incinerator, Harts Farm Way, HAVANT, Hampshire, PO9 1JN Authority: Environment Agency, Southern Region Permit Reference: AR5260 Dated: 31st May 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 5.1 A (C) Incineration within the Waste Disposal Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	604	1	470521 105808
Licensed Waste Management Facilities (Landfill Boundaries)					
75	Name: Bedhampton Waterworks Licence Number: 19988 Location: Bedhampton Waterworks, Meyrick Road, Havant, Hampshire, PO9 1NN Licence Holder: Portsmouth Water Company Ltd Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 18th February 1992 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NW (W)	80	1	470717 106349

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Licensed Waste Management Facilities (Landfill Boundaries)					
76	Name: Bedhampton Waterworks Landfill Licence Number: 19988 Location: Bedhampton Waterworks, Meyrick Road, Havant, Hampshire, PO9 1NN Licence Holder: Portsmouth Water Ltd Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Inert LF Max Input Rate: Not Supplied Licence Status: Active Issued: 18th February 1992 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NW (W)	80	1	470717 106349
Licensed Waste Management Facilities (Locations)					
77	Licence Number: 10279 Location: Bedhampton Waste Works, Meyrick Road, Havant, Hampshire, PO9 1NN Operator Name: Portsmouth Water Limited Operator Location: Po Box 8, West Street, Havant, Hampshire, PO9 1LG Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Transfer Stations Taking Non-biodegradable Wastes Licence Status: Issued Issued: 29th June 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (W)	122	1	470680 106380
Licensed Waste Management Facilities (Locations)					
78	Licence Number: 19988 Location: Bedhampton Waterworks, Meyrick Road, Havant, Hampshire, PO9 1NN Operator Name: Portsmouth Water Company Ltd Operator Location: P O Box 8, West Street, Havant, Hampshire, PO9 1LG Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Licence Status: IPPC Issued: 18th February 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: NP3439PN Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	321	1	470600 106600
Licensed Waste Management Facilities (Locations)					
79	Licence Number: 19989 Location: Havant Incinerator, Harts Farm Way, Havant, Hampshire Operator Name: Associated Environmental Projects (hampshire) Ltd Operator Location: Poles Lane, Otterbourne, Winchester, Hampshire, SO21 2EA Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 21st June 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 26th November 2001 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21NW (SW)	499	1	470541 105918

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Licensed Waste Management Facilities (Locations)					
79	Licence Number: 10229 Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Operator Name: Veolia E S Hampshire Ltd Operator Location: Poles Lane, Winchester, Otterbourne, Hampshire, SO21 1EA Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Metal Recycling Sites (Mixed) Licence Status: Issued Issued: 19th December 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	536	1	470500 105900
Licensed Waste Management Facilities (Locations)					
80	Licence Number: 100089 Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Operator Name: T J Waste And Recycling Limited Operator Location: The Pavilion, 2 Sherbourne Road, South Farnborough, Farnborough, Hampshire, GU14 6JT Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 17th September 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	571	1	470658 105792
Licensed Waste Management Facilities (Locations)					
80	Licence Number: 10221 Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Operator Name: T J Waste & Recycling Ltd. Operator Location: Chantry Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 23rd November 2000 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	571	1	470658 105792
Licensed Waste Management Facilities (Locations)					
81	Licence Number: 19991 Location: Havant Lorry Park, Southmoor Lane, Havant, Hampshire, PO9 1JW Operator Name: Sita Solent Ltd Operator Location: Unit D2 Pegham Industrial Estate, Laveys Lane, Fareham, Hampshire, PO15 1SD Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 29th September 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	629	1	470778 105717

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Licensed Waste Management Facilities (Locations)					
82	Licence Number: 19983 Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Operator Name: Hopkins Recycling Ltd Operator Location: Unit 10 Bridge Farm, Curbridge, Botley, Southampton, Hampshire, SO30 2HB Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 29th June 1993 Last Modified: 19th August 2004 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	644	1	470530 105760
Licensed Waste Management Facilities (Locations)					
82	Licence Number: 10275 Location: Havant Hwrc, Harts Farm Way, Havant, Hampshire, PO9 1HR Operator Name: Hopkins Recycling Ltd Operator Location: First Floor, Mill House, Botley Mill, Botley, Southampton, Hampshire, SO30 2GB Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 18th September 2006 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	669	1	470518 105738
Licensed Waste Management Facilities (Locations)					
83	Licence Number: 19990 Location: Southmoor Lane, Budds Farm, Havant, Hampshire, PO9 1JW Operator Name: Southern Water Services Limited Operator Location: Southern House, Lewes Road, Falmer, Brighton, East Sussex, BN1 9PY Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Treatment - Biological Licence Status: Issued Issued: 16th February 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	901	1	470700 105450
Local Authority Landfill Coverage					
	Name: Havant Borough Council - Has supplied landfill data		0	2	468904 106250
Local Authority Landfill Coverage					
	Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	470470 106060
Local Authority Recorded Landfill Sites					
84	Location: Broadmarsh Site Reference: 4 Authority: Havant Borough Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A7NE (SW)	699	2	470279 105876
Local Authority Recorded Landfill Sites					
85	Location: Southmoor Lane Reference: 2 Authority: Havant Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Household, Acid, Commercial Date of Closure: 31/12/1965 Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A8SW (S)	858	2	470575 105517

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Registered Landfill Sites					
86	Licence Holder: Portsmouth Water Plc Licence Reference: 13/ 25A Site Location: Bedhampton Waterworks, Meyrick Road, HAVANT, Hampshire, PO9 1NN Licence Easting: 470600 Licence Northing: 106360 Operator Location: PO Box 8, West Street, HAVANT, Hampshire, PO9 1LG Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Operational as far as is known Dated: Operational Preceded By: 14th November 1991 Licence: Not Given Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Waste From Pipework Excavation Prohibited Waste: Biodegradable Waste Brick And Concrete Rubble Clinical - As In Wmp 25 Construction And Demolition Wastes Food/Vegetable Matter Hazardous Wastes Land Clear.Waste Contam. > Background Liquid/Slurry/Sludge Wastes Paper/Cardboard/Packaging Phenols/Mat'ls Cont. Phenol Plaster Poisonous, Noxious, Polluting Wastes Rubble Ex Preme Storing Tox/Sol.Chems Special Wastes Timber Waste N.O.S.	A13NW (W)	197	1	470600 106360
Registered Waste Transfer Sites					
87	Licence Holder: Assoc.Environmental Proj.(Hants) Ltd Licence Reference: HV 030 Site Location: Recycling Storage Bays, Havant Incinerator, Havant, Hampshire Operator Location: 37-41 Old Queen Street, LONDON, Greater London, SW1H 9JA Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site dormant Dated: 21st June 1993 Preceded By: Not Given Licence: Superseded By: HV 006A Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Ferrous/Non-Ferrous Cans Glass Paper/Cardboard Waste Plastics Prohibited Waste: Clinical - As In Wmp 25 Liable To Cause Environmental Hazards Liquid/Slurry/Sludge Wastes Poisonous, Noxious And Polluting N.O.S Rubble Ex Prem Stor.Tox/Water Sol.Chem Special Wastes Waste N.O.S.	A8NW (SW)	497	1	470540 105920

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Registered Waste Transfer Sites					
88	Licence Holder: Skips R Us Ltd Licence Reference: EAWML10221 Site Location: Harts Farm Way, Bedhampton, HAVANT, Hampshire, PO9 1JN Operator Location: Harts Farm Way, Bedhampton, HAVANT, Hampshire, PO9 1JN Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 23rd November 2000 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Batteries Degradable Commercial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.02) Degradable Household Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.01) Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00) Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Special Waste (As In Epa 1990:S62 Of 1996 Regs) - Comprising Degradable Industrial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.03) Material With Any Haz.Code (H1, H2, H3a,H3b,H4,H5,H6,H7,H8,H9,H10,H11,H12,H13,H14) Other Waste / Waste Not Otherwise Specified Powders Sludge / Liquid / Paste / Wet Wastes Special Waste (As In Epa 1990:S62 Of 1996 Regs) Not Otherwise Specified Waste Solely/Mainly Finely Divided Metals Or Dusts/Powders/Loose Fibres Wastes Likely To Produce Offensive Odours	A6NW (S)	504	1	470700 105750
Prohibited Waste					
Registered Waste Transfer Sites					
89	Licence Holder: Hampshire Recycling Ltd Licence Reference: HV 006A Site Location: Harts Farm Way C.A.Site, HAVANT, Hampshire, PO9 1JN Operator Location: Unit 10 Bridge Farm, Curbridge, Botley, SOUTHAMPTON, Hampshire, SO30 2HB Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Civic Amenity Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 24th November 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Com. Waste Solely For Reuse/Recycling Maximum Waste Permitted By Licence Waste Deposited By Householders Liq.Waste N.O.S. (Exc. Oils For Recyc) Special Wastes N.O.S. (Exc.H'olders) Waste N.O.S.	A6NW (SW)	544	1	470530 105760
Prohibited Waste					

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Registered Waste Transfer Sites					
50	Licence Holder: A & J Bull (Solent) Ltd Licence Reference: HV 038 Site Location: Havant Lorry Park, Southmoor Lane, Havant, Hampshire Operator Location: 4 London Wall Buildings, Blomfield Street, LONDON, Greater London, EC2M 5UQ Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 29th September 1997 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Concrete And Brick Rubble Construction And Demolition Wastes Max.Waste Permitted By Licence Soil Prohibited Waste: Pressurised Cont'Rs Rapidly Biodeg/Food/Veg.Mat'L Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S.	A8NE (S)	646	1	470800 105700
Registered Waste Treatment or Disposal Sites					
91	Licence Holder: B.M. Recycling Ltd Licence Reference: 13/ 4 Site Location: Brockhampton Incinerator, Harts Farm Way, Havant, Hampshire Operator Location: 7 Eagle Avenue, Cowplain, PORTSMOUTH, Hampshire, PO8 9UB Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Incineration Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 18th May 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Controlled Wastes Licenced Wastes Not To Hand	A8NW (SW)	623	1	470480 105810

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
92	Registered Waste Treatment or Disposal Sites				
	Licence Holder: Larkham Bros Ltd Licence Reference: 13/ 18 Site Location: 12b Clarendon Road, Havant, Hampshire Operator Location: As Site Address Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Scrapyard Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Scrap Metal (As in 1964 Act) Prohibited Waste: Biodegradable Mat'ls Drums -Unless Empty Or Cont'S Conform Food Waste Liquid/Sludge Wastes -Except As Above Paper/Cardboard/Packaging Waste Phenols/Mat'L Containing Phenol Poisonous, Noxious, Polluting Wastes Potentially Haz. Or Polluting Waste Special Wastes - Except As Above Vegetable Matter Waste Ex Prens.Of Toxic/Water Sol.Chem Assoc. Asbestos Environment Agency must give specific authorisation for this waste to be acceptedWaste requires prior approval Assoc. Battery Acids Assoc. Drainings From Rad'Rs & Transf Assoc. High Hazard Mat'ls Assoc. Mineral Engine Oils Assoc. Solid/Liquid Residues	A14SW (E)	641	1	471400 106130

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Registered Waste Treatment or Disposal Sites					
93	Licence Holder: Southern Water Services Ltd Licence Reference: HV 032A Site Location: Budds Farm W.T. Works, Southmoor Lane, Havant, Hampshire Operator Location: Southern House, Sparrowgrove, Otterbourne, WINCHESTER, Hampshire, SO21 2SW Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Treatment - Biological Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is known Dated: 16th February 1996 Preceded By: HV 032 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Alcohols (Brewing/Distilling) Alkalis Ammonium Salts Amylase Starches Aqueous Biodegradable Waste Bacterial Sludges/Slurries Bentonite Slurries Biodegradable Waste Sludges Blood, Fat, Grease Cement Washings Chemical Processing Wastes Concrete Waste Cooling Water Cosmetic Waste Detergent Waste Drilling Muds Farm Slurry Fibreglass Slurry Filter Materials Food Processing Wastes/Starch Glue Wastes Gully Emptyings Hide Curing Waste Hypochlorites And Chlorites Inorganic Materials Interceptor Wastes Landfill Leachates Milk Wastes Mineral Slurries/Processing Wastes Miscellaneous Wastes Including Oil/Water Mixtures Organic Compounds Paper Sludges Sewer Grit Silt And Dredgings Soakaway Contents Soap Waste Surface & Flood Waters Water Works Sludges Prohibited Waste: Max Waste Permitted By Licence Special Waste (As In Epa 1990 S62 Of 1996 Regs) Waste N.O.S.	A8SW (S)	901	1	470700 105450
Registered Waste Treatment or Disposal Sites					
93	Licence Holder: Southern Water Services Ltd Licence Reference: HV 032 Site Location: Budds Farm W.T. Works, Southmoor Lane, Havant, Hampshire Operator Location: Southern House, Sparrowgrove, WINCHESTER, Hampshire, SO21 2SW Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Treatment Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record superseded Dated: 1st November 1992 Preceded By: Not Given Licence: Superseded By: HV 032A Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max Waste Permitted By Licence- Stated Waste As In App/N/Working Plan Prohibited Waste: Special Wastes (As In S17 Cops 1980) Waste N.O.S.	A8SW (S)	951	1	470700 105400

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
94	BGS Recorded Mineral Sites				
	Site Name: Bedhampton Wharf Location: Harts Farm Way, Havant, Hampshire, Po9 1jn Source: British Geological Survey, National Geoscience Information Service Reference: 10487 Type: Wharf Status: Active Operator: United Marine Aggregates Ltd (Uma) Operator Location: Uma House, Shopwyke Road, Chichester, West Sussex, Po20 6ad Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A8SW (SW)	804	3	470485 105605
	BGS 1:625,000 Solid Geology				
	Description: Oldhaven, Blackheath, Woolwich, and Reading and Thanet beds	A13NE (N)	0	3	470810 106457
	Coal Mining Affected Areas				
	In an area which may not be affected by coal mining				
	Natural and Mining Cavities				
	Cavity Type: Solution pipe:- formed by surface water entering a cave system Origin: Natural Cavity Number: 1 Commodity: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	648	4	470200 106600
	Potential for Collapsible Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	470797 106350
	Potential for Collapsible Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	97	3	470700 106350
	Potential for Compressible Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	3	470775 106346
	Potential for Compressible Ground Stability Hazards				
	Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	22	3	470775 106346
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	3	470797 106275
	Potential for Ground Dissolution Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	71	3	470797 106275
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (W)	0	3	470000 106346
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	470797 106350
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	4	3	470797 106350
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	131	3	470775 106475
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	215	3	471000 106275
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	3	470797 106350
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	4	3	470797 106350
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	97	3	470700 106350

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Potential for Shrinking or Swelling Clay Ground Stability Hazards					
Hazard Potential:	Moderate	A13NE (NE)	111	3	470675 106425
Source:	British Geological Survey, National Geoscience Information Service				
Potential for Shrinking or Swelling Clay Ground Stability Hazards					
Hazard Potential:	Moderate	A13NW (NW)	114	3	470750 106450
Source:	British Geological Survey, National Geoscience Information Service				
Potential for Shrinking or Swelling Clay Ground Stability Hazards					
Hazard Potential:	Very Low	A13NE (NE)	155	3	470925 106450
Source:	British Geological Survey, National Geoscience Information Service				
Radon Potential - Radon Affected Areas					
Affected Area:	The property is in a radon affected area, as between 3 and 5% of homes are above the action level	A13SE (SE)	0	3	470825 106300
Source:	British Geological Survey, National Geoscience Information Service				
Radon Potential - Radon Protection Measures					
Protection Measure:	Basic radon protective measures are necessary in the construction of new dwellings or extensions	A13SE (SE)	0	3	470825 106300
Source:	British Geological Survey, National Geoscience Information Service				
Shallow Mining Hazards					
No Hazard					

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
95	Name: John Davidson (Pipes) Ltd Location: Palk Rd, Havant, Hampshire, PO9 1NL Classification: Builders' Merchants Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	164	-	470808 106510
Contemporary Trade Directory Entries					
96	Name: Deep Sea Seals Ltd Location: 4, Marples Way, Havant, Hampshire, PO9 1NX Classification: Marine Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	165	-	470815 106182
Contemporary Trade Directory Entries					
95	Name: John Crane Location: 4, Marples Way, Havant, Hampshire, PO9 1NX Classification: Marine Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	165	-	470815 106182
Contemporary Trade Directory Entries					
96	Name: Deep Sea Seals Location: 4, Marples Way, Havant, Hampshire, PO9 1NX Classification: Marine Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	208	-	470837 106142
Contemporary Trade Directory Entries					
97	Name: Flyght Travel Location: Palk Rd, Havant, Hampshire, PO9 1NL Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	169	-	470814 106514
Contemporary Trade Directory Entries					
97	Name: Seward Cars Location: West Street, Havant, Hampshire, PO9 1LT Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	208	-	470877 106538
Contemporary Trade Directory Entries					
97	Name: Accident Repair Centre Location: West Street, Havant, Hampshire, PO9 1LR Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	216	-	470837 106558
Contemporary Trade Directory Entries					
98	Name: Solent Motor Services Ltd Location: 2, Ridgway, Havant, Hampshire, PO9 1QJ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	220	-	470770 106128
Contemporary Trade Directory Entries					
98	Name: Kingscroft Cars Location: 2, Ridgway, Havant, Hampshire, PO9 1QJ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	220	-	470770 106128
Contemporary Trade Directory Entries					
99	Name: Solent Business Supplies Location: 2, Marples Way, Havant, Hampshire, PO9 1UH Classification: Office Furniture & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	241	-	470888 106123
Contemporary Trade Directory Entries					
100	Name: Hsp Plastics Ltd Location: Unit C, Kingscroft Court, Ridgway, Havant, Hampshire, PO9 1LS Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	248	-	470829 106100
Contemporary Trade Directory Entries					
100	Name: Macvire Engineering Location: Unit 2-3, Kingscroft Ct, Ridgway, Havant, Hampshire, PO9 1LS Classification: Precision Engineers Status: Active Positional Accuracy: Manually positioned to the address or location	A13SE (S)	272	-	470872 106085

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
101	Name: S Restall Location: 10, New Road, Havant, Hampshire, PO9 1DE Classification: Stained Glass Designers & Producers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	284	-	470874 106619
Contemporary Trade Directory Entries					
101	Name: Rapid Fit Location: New Rd, Havant, Hampshire, PO9 1DE Classification: Exhaust & Shock Absorber Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	322	-	470884 106656
Contemporary Trade Directory Entries					
102	Name: Rowan Business Equipment Location: 8 Kingscroft Ct, Ridgway, Havant, Hampshire, PO9 1LS Classification: Photocopiers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (S)	287	-	470796 106059
Contemporary Trade Directory Entries					
102	Name: Acorn Engineering Location: Unit G, Kingscroft Court, Ridgway, Havant, Hampshire, PO9 1LS Classification: Machinery - Industrial & Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	296	-	470806 106051
Contemporary Trade Directory Entries					
102	Name: H P S Printing Ltd Location: 7 Kingscroft Ct, Ridgway, Havant, Hampshire, PO9 1LS Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	296	-	470806 106050
Contemporary Trade Directory Entries					
102	Name: Mdp Location: 7, Kingscroft Ct, Ridgway, Havant, Hampshire, PO9 1LS Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	296	-	470806 106050
Contemporary Trade Directory Entries					
102	Name: Target Precision Engineering Ltd Location: Unit F, Kingscroft Court, Ridgway, Havant, Hampshire, PO9 1LS Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	300	-	470816 106047
Contemporary Trade Directory Entries					
103	Name: Goodmans Loudspeakers Ltd Location: 1-3, Ridgway, Havant, Hampshire, PO9 1JS Classification: Sound Equipment Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	298	-	470613 106111
Contemporary Trade Directory Entries					
103	Name: Mordaunt-Short Location: 1-3, Ridgway, Havant, Hampshire, PO9 1JS Classification: Sound Equipment Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	298	-	470613 106111
Contemporary Trade Directory Entries					
103	Name: T G I Plc Location: 1-3, Ridgway, Havant, Hampshire, PO9 1JS Classification: Sound Equipment Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	298	-	470613 106111
Contemporary Trade Directory Entries					
104	Name: Hsp Plastics Plc Location: Unit C, Kingscroft Court, Ridgway, Havant, Hampshire, PO9 1LS Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	301	-	470859 106052
Contemporary Trade Directory Entries					
104	Name: Hsp Plastics Plc Location: Unit C, Kingscroft Court, Ridgway, Havant, Hampshire, PO9 1LS Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (S)	301	-	470859 106052

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
105	Name: Cambridge Garage (Portsmouth) Ltd Location: 23, Bedhampton Road, Havant, Hampshire, PO9 3ES Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	336	-	470568 106592
Contemporary Trade Directory Entries					
105	Name: Cambridge Garage (Portsmouth) Ltd Location: 23, Bedhampton Road, Havant, Hampshire, PO9 3ES Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	336	-	470568 106592
Contemporary Trade Directory Entries					
106	Name: T & C Precision Location: 4, Solent Road, HAVANT, Hampshire, PO9 1JH Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	388	-	471025 106033
Contemporary Trade Directory Entries					
107	Name: Solway Metal Finishers Ltd Location: Brockhampton Road, Havant, Hampshire, PO9 1JU Classification: Metal Finishing Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	394	-	470866 105958
Contemporary Trade Directory Entries					
108	Name: Hilton Engineering Location: 6 Solent Rd, Havant, Hampshire, PO9 1JH Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	400	-	471060 106044
Contemporary Trade Directory Entries					
108	Name: Allport Packaging Ltd Location: 2-8, Solent Road, Havant, Hampshire, PO9 1JH Classification: Case Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	425	-	471094 106042
Contemporary Trade Directory Entries					
108	Name: Robin Sparshatt & Associates Ltd Location: 10, Solent Road, Havant, Hampshire, PO9 1JH Classification: Commercial Vehicle Bodybuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	460	-	471134 106033
Contemporary Trade Directory Entries					
109	Name: Complete Commercial Location: New Rd, Havant, Hampshire, PO9 1DE Classification: Commercial Vehicle Dealers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	412	-	470964 106723
Contemporary Trade Directory Entries					
110	Name: Premier Sheet Metal & Engineering Co Ltd Location: Brockhampton Road, Havant, Hampshire, PO9 1JU Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	434	-	470864 105918
Contemporary Trade Directory Entries					
110	Name: Advanced Coating Technology Ltd Location: Brockhampton Rd, Havant, Hampshire, PO9 1JU Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	460	-	470841 105888
Contemporary Trade Directory Entries					
110	Name: Northshore Composites Ltd Location: Brockhampton Road, Havant, Hampshire, PO9 1JU Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	470	-	470869 105882
Contemporary Trade Directory Entries					
111	Name: Kemp Brothers Location: 9, Cross Way, Havant, Hampshire, PO9 1NG Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	450	-	471182 106578

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
112	Name: Coopers Blinds Ltd Location: 18, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	462	-	471233 106194
Contemporary Trade Directory Entries					
112	Name: South Hants Glass Location: Unit 10 Solent Rd, Havant, Hampshire, PO9 1JH Classification: Glass Products - Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	489	-	471262 106194
Contemporary Trade Directory Entries					
113	Name: D H G Teasedale Gas Deliveries Location: 96, Bedhampton Road, Havant, Hampshire, PO9 3EZ Classification: Gas Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	496	-	470435 106686
Contemporary Trade Directory Entries					
114	Name: Navitron Systems Ltd Location: Unit 2, 25e, Brockhampton Lane, Havant, Hampshire, PO9 1JT Classification: Marine Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	517	-	471250 106096
Contemporary Trade Directory Entries					
114	Name: Motomex Location: Unit 2, 25e, Brockhampton Lane, Havant, Hampshire, PO9 1JT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	517	-	471250 106096
Contemporary Trade Directory Entries					
114	Name: Motomex Location: Unit 2, 25c, Brockhampton Lane, Havant, Hampshire, PO9 1JT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	530	-	471273 106113
Contemporary Trade Directory Entries					
114	Name: Lefay Engineering Ltd Location: Unit 3, 25c, Brockhampton Lane, Havant, Hampshire, PO9 1JT Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	553	-	471296 106109
Contemporary Trade Directory Entries					
114	Name: Mitchell & James Caravans Ltd Location: Unit 3, 25c, Brockhampton Lane, Havant, Hampshire, PO9 1JT Classification: Caravans - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	553	-	471296 106109
Contemporary Trade Directory Entries					
114	Name: Solent Cleaners Location: 15, Solent Road, HAVANT, Hampshire, PO9 1AF Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	553	-	471296 106109
Contemporary Trade Directory Entries					
114	Name: Motomex Location: 25a, Brockhampton Lane, Havant, Hampshire, PO9 1JT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	553	-	471296 106109
Contemporary Trade Directory Entries					
115	Name: Hourglass Location: 14, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Mirrors & Decorative Glass Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	519	-	471291 106186
Contemporary Trade Directory Entries					
116	Name: Veolia Environmental Services Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Waste Disposal Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	521	-	470714 105832

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
117	Name: E C Tooling Systems Ltd Location: 1, Havant Business Centre, Harts Farm Way, Havant, Hampshire, PO9 1HU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	531	-	470791 105815
Contemporary Trade Directory Entries					
117	Name: Oberon Engineering Ltd Location: 6, Havant Business Centre, Harts Farm Way, Havant, Hampshire, PO9 1HU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	531	-	470791 105815
Contemporary Trade Directory Entries					
117	Name: Fleet Repair Centre Location: 9-10, Havant Business Centre, Harts Farm Way, Havant, Hampshire, PO9 1HU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	531	-	470791 105815
Contemporary Trade Directory Entries					
117	Name: Tal Uk Location: 8, Havant Business Centre, Harts Farm Way, Havant, Hampshire, PO9 1HU Classification: Lighting Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	A8NW (S)	531	-	470791 105815
Contemporary Trade Directory Entries					
117	Name: Crown Press Location: 14, Havant Business Centre, Harts Farm Way, Havant, Hampshire, PO9 1HU Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	536	-	470834 105811
Contemporary Trade Directory Entries					
117	Name: G J Winter International Location: Harts Farm Way Depot, Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	566	-	470772 105781
Contemporary Trade Directory Entries					
118	Name: Wessex Sliding Doors Location: 10, Lester Avenue, Havant, Hampshire, PO9 3HE Classification: Door Manufacturers - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	547	-	470451 106770
Contemporary Trade Directory Entries					
119	Name: G & W Motors Location: 2-3, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	589	-	471358 106251
Contemporary Trade Directory Entries					
119	Name: Smith Bros Flight Cases Location: 22, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Case Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	589	-	471358 106251
Contemporary Trade Directory Entries					
119	Name: E M P Tooling Service Ltd Location: 9, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Tool Design, Manufacturers & Makers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	591	-	471377 106229
Contemporary Trade Directory Entries					
119	Name: Iain'S Auto Services Location: 20, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Car Engine Tuning & Diagnostic Services Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	591	-	471377 106229
Contemporary Trade Directory Entries					
119	Name: Able Motor Co Ltd Location: 27-28, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	591	-	471377 106229

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
119	Name: A C E Location: 7, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	591	-	471377 106229
Contemporary Trade Directory Entries					
119	Name: R S Vehicle Repair & Roys Rovers Location: 20, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	591	-	471377 106229
Contemporary Trade Directory Entries					
119	Name: Lynx Garage Location: 19, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	591	-	471377 106229
Contemporary Trade Directory Entries					
119	Name: Dip & Strip Location: 27-28, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Paint & Varnish Stripping Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	591	-	471377 106229
Contemporary Trade Directory Entries					
119	Name: Tanneries Trade Location: 27-28, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	591	-	471377 106229
Contemporary Trade Directory Entries					
119	Name: Metalcraft Fabrications Location: 29, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Metal Products - Fabricated Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	611	-	471403 106266
Contemporary Trade Directory Entries					
119	Name: E Tech Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	611	-	471403 106266
Contemporary Trade Directory Entries					
119	Name: Iso Engineering Electrical Services Ltd Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Control Panel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	611	-	471403 106266
Contemporary Trade Directory Entries					
119	Name: Iso Engineering Electrical Services Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Control Panel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	611	-	471403 106266
Contemporary Trade Directory Entries					
119	Name: E-Tech Motorsport Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Car Radiator Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	611	-	471403 106266
Contemporary Trade Directory Entries					
120	Name: Plastic Engineering Solutions Location: 23, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	569	-	471344 106188
Contemporary Trade Directory Entries					
120	Name: P D L Technologies Ltd Location: 13, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Spraying - Paint & Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	579	-	471357 106196

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
121	Name: J Price & Son Location: 108, Bedhampton Road, Havant, Hampshire, PO9 3EZ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	592	-	470346 106731
Contemporary Trade Directory Entries					
122	Name: Navtec North Europe Location: Southmoor Lane, Havant, Hampshire, PO9 1JJ Classification: Marine Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	609	-	470985 105767
Contemporary Trade Directory Entries					
122	Name: Lewmar Ltd Location: Southmoor Lane, Havant, Hampshire, PO9 1JJ Classification: Marine Engineering Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	609	-	470985 105767
Contemporary Trade Directory Entries					
123	Name: R J B Performance Location: 28, Lester Avenue, Havant, Hampshire, PO9 3HE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	611	-	470467 106861
Contemporary Trade Directory Entries					
124	Name: H & R Fabrications & Finishers Ltd Location: 12-12a, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	618	-	471403 106224
Contemporary Trade Directory Entries					
125	Name: Commercial Printers (Portsmouth) Ltd Location: 39, Park Way, Havant, Hampshire, PO9 1HH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	632	-	471427 106404
Contemporary Trade Directory Entries					
125	Name: Performance Car Co Location: 39, Park Way, Havant, Hampshire, PO9 1HH Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	632	-	471427 106404
Contemporary Trade Directory Entries					
126	Name: Henry Jones Joinery Ltd Location: 59-61, West Street, Havant, Hampshire, PO9 1LB Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	634	-	471428 106291
Contemporary Trade Directory Entries					
126	Name: Alandown Motors Ltd Location: 98, West Street, Havant, Hampshire, PO9 1LN Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	638	-	471435 106336
Contemporary Trade Directory Entries					
126	Name: Havant Car Connection Location: 98, West Street, Havant, Hampshire, PO9 1LN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (E)	638	-	471435 106336
Contemporary Trade Directory Entries					
126	Name: Lawrence Warner Specialist Cars Location: 98, West Street, Havant, Hampshire, PO9 1LN Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	638	-	471435 106336
Contemporary Trade Directory Entries					
127	Name: Havant War Memorial Hospital Location: 59, Cross Way, Havant, Hampshire, PO9 1NG Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	635	-	471371 106616

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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
128	Name: Sam Hartley Location: Bidbury Lawn, Bidbury Lane, HAVANT, Hampshire, PO9 3JG Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	637	-	470178 106499
Contemporary Trade Directory Entries					
129	Name: Seward Lyndhurst Location: unit 1, Southmoor La, Havant, Hampshire, PO9 1JW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	642	-	470948 105722
Contemporary Trade Directory Entries					
130	Name: Hydro Cool Location: 46, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Water Coolers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	646	-	470447 105804
Contemporary Trade Directory Entries					
130	Name: Fairview Lifting Gear Services Location: 47, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Lifting Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	648	-	470449 105799
Contemporary Trade Directory Entries					
131	Name: Burrows Bros Engineering Ltd Location: Selbourne Road, Havant, Hampshire, PO9 1ND Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	653	-	471411 106123
Contemporary Trade Directory Entries					
132	Name: Lewis Mobility Location: 51, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	656	-	470462 105778
Contemporary Trade Directory Entries					
132	Name: Supply Team Location: 52, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	662	-	470466 105773
Contemporary Trade Directory Entries					
132	Name: Pds Instruments Location: 7, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Electronic Component Manufacturers & Distributors Status: Active Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	691	-	470461 105742
Contemporary Trade Directory Entries					
133	Name: C4 Location: 42-43, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	-	470417 105807
Contemporary Trade Directory Entries					
133	Name: Select Freight Ltd Location: 42, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	659	-	470417 105807

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
133	Name: Hfms Ltd Location: 37, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	700	-	470390 105776
Contemporary Trade Directory Entries					
133	Name: Raft Systems Ltd Location: 24, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Telecommunications Equipment & Systems Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	716	-	470402 105748
Contemporary Trade Directory Entries					
133	Name: TI Coil Ltd Location: 18, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Heat Exchangers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	716	-	470402 105748
Contemporary Trade Directory Entries					
133	Name: 2 Teck Ltd Location: 19, Broadmarsh Business & Innovation Centre, Harts Farm Way, Havant, Hampshire, PO9 1HS Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	716	-	470402 105748
Contemporary Trade Directory Entries					
134	Name: Pharmstead Uk Ltd Location: Broadmarsh Business Park, Unit 53 Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	684	-	470538 105734
Contemporary Trade Directory Entries					
135	Name: Xyratex Location: Langstone Road, Havant, Hampshire, PO9 1SA Classification: Computer Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SE)	666	-	471216 105828
Contemporary Trade Directory Entries					
136	Name: Park Way Centre Location: Park Way, Havant, Hampshire, PO9 1HH Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	664	-	471466 106492
Contemporary Trade Directory Entries					
137	Name: Visitech Location: Solent Rd, Havant, Hampshire, PO9 1TR Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	692	-	471434 106075
Contemporary Trade Directory Entries					
138	Name: Six O Location: Bosmere Building, School Road, Havant, Hampshire, PO9 1NA Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	701	-	471468 106145
Contemporary Trade Directory Entries					
139	Name: Mercury Graphics Ltd Location: 1a, Brockhampton Lane, Havant, Hampshire, PO9 1LU Classification: Copying & Duplicating Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	716	-	471509 106272
Contemporary Trade Directory Entries					
139	Name: Printline Location: 1a, Brockhampton Lane, Havant, Hampshire, PO9 1LU Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	716	-	471509 106272

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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
139	Name: Ers Engineering Services Location: 8-12, Park Road South, Havant, Hampshire, PO9 1HB Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	754	-	471546 106259
Contemporary Trade Directory Entries					
140	Name: Solent Aggregates Ltd Location: Bedhampton Quay, Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	754	-	470535 105640
Contemporary Trade Directory Entries					
140	Name: Busymix Concrete Ltd Location: Bedhampton Quay, Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	754	-	470535 105640
Contemporary Trade Directory Entries					
141	Name: Seward Accident Repair Centres Ltd Location: Langstone House, Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned in the proximity of the address	A8SE (S)	768	-	470927 105589
Contemporary Trade Directory Entries					
141	Name: Southmoor Screen Printing Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Screen Process Printers Status: Active Positional Accuracy: Automatically positioned in the proximity of the address	A8SE (S)	768	-	470927 105589
Contemporary Trade Directory Entries					
141	Name: Dot In Print Location: Unit 5 Beaver Indust Est, Southmoor La, Havant, Hampshire, PO9 1JW Classification: Printers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	785	-	470961 105578
Contemporary Trade Directory Entries					
141	Name: Protocol Manufacturing Ltd Location: Southmoor La, Havant, Hampshire, PO9 1JW Classification: Tool Design, Manufacturers & Makers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	787	-	470961 105576
Contemporary Trade Directory Entries					
141	Name: Innova Design & Build Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Precision Engineers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	793	-	470961 105570
Contemporary Trade Directory Entries					
141	Name: Langstone Arc Location: Beaver Indu Estate, Southmoor La, Havant, Hampshire, PO9 1JW Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	817	-	470961 105546
Contemporary Trade Directory Entries					
142	Name: Hanson Aggregates Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Concrete & Mortar Ready Mixed Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	773	-	470421 105670
Contemporary Trade Directory Entries					
143	Name: Aegina Technologies Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	787	-	471010 105589
Contemporary Trade Directory Entries					
143	Name: Aegina Technologies Ltd Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	787	-	471010 105589

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
143	Name: Aegina Technologies Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Aviation Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	787	-	471010 105589
Contemporary Trade Directory Entries					
143	Name: Aegina Technologies Ltd Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Engineering Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	787	-	471010 105589
Contemporary Trade Directory Entries					
143	Name: Swards Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	810	-	471004 105563
Contemporary Trade Directory Entries					
143	Name: Rowland Way Ltd Location: Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Spraying - Paint & Coatings Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	816	-	471053 105571
Contemporary Trade Directory Entries					
144	Name: Supasnaps Location: 29, West Street, Havant, Hampshire, PO9 1ER Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	804	-	471597 106270
Contemporary Trade Directory Entries					
145	Name: Shell (UK) Ltd Location: 5, Park Road South, Havant, Hampshire, PO9 1HA Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	807	-	471590 106196
Contemporary Trade Directory Entries					
146	Name: Microsport Ski Simulators Ltd Location: 21, Lodge Road, Havant, Hampshire, PO9 3LL Classification: Sports Equipment Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	824	-	469973 106375
Contemporary Trade Directory Entries					
147	Name: Langstone Engineering Ltd Location: Langstone House, Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	846	-	471027 105531
Contemporary Trade Directory Entries					
147	Name: Seward Location: Langstone House, Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	846	-	471027 105531
Contemporary Trade Directory Entries					
147	Name: Seward Location: Langstone House, Southmoor Lane, Havant, Hampshire, PO9 1JW Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	846	-	471027 105531
Contemporary Trade Directory Entries					
148	Name: Solent Cleaners Ltd Location: 34, West Street, Havant, Hampshire, PO9 1PG Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	854	-	471650 106304
Contemporary Trade Directory Entries					
149	Name: Tudor Blinds Location: 50, Park Lane, Bedhampton, Havant, Hampshire, PO9 3HL Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	854	-	470435 107119

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
150	Name: A & J Bull Location: Southmoor La, Havant, Hampshire, PO9 1JW Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	856	-	470960 105506
Contemporary Trade Directory Entries					
150	Name: East-West Trading Location: Unit 1 & 2 Beaver Industrial Estate, Southmoor La, Havant, Hampshire, PO9 1JW Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	864	-	470960 105477
Contemporary Trade Directory Entries					
150	Name: Precision Products (Portsmouth) Ltd Location: Unit 2/A, Alexandria Park 1, Penner Road, Havant, Hampshire, PO9 1QY Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	902	-	471006 105469
Contemporary Trade Directory Entries					
150	Name: Precision Products Location: Unit 2/A, Alexandria Park, 1, Penner Road, Havant, Hampshire, PO9 1QY Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	902	-	471006 105469
Contemporary Trade Directory Entries					
151	Name: Ian Golds Tackle Developments Ltd Location: 4, Scratchface Lane, Havant, Hampshire, PO9 3NG Classification: Fishing & Angling Equipment - Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	883	-	470167 106965
Contemporary Trade Directory Entries					
152	Name: A & F Office Cleaning Location: A, 127, Barncroft Way, Havant, Hampshire, PO9 3AE Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	909	-	471150 107184
Contemporary Trade Directory Entries					
153	Name: Spx Location: 13, Park Side, Havant, Hampshire, PO9 3PJ Classification: Air Compressors Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	914	-	470028 106841
Contemporary Trade Directory Entries					
153	Name: J W Blunden Location: 14, Park Side, Havant, Hampshire, PO9 3PL Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	929	-	469996 106918
Contemporary Trade Directory Entries					
154	Name: F O'Reilly & Son Location: 7, Market Parade, Havant, Hampshire, PO9 1PY Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	934	-	471720 106485
Contemporary Trade Directory Entries					
155	Name: Telegraphica Design & Print Location: 29, Elmleigh Road, Havant, Hampshire, PO9 2AA Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	945	-	471688 106661
Contemporary Trade Directory Entries					
156	Name: Bath Renovation & Management Services Location: Homewell House, 22, Homewell, Havant, Hampshire, PO9 1EE Classification: Bath Resurfacing Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	947	-	471732 106194
Contemporary Trade Directory Entries					
156	Name: All About Gas Heating & Plumbing Services Location: 16, The Parchment, Havant, Hampshire, PO9 1HD Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	952	-	471729 106150

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Contemporary Trade Directory Entries					
157	Name: Robert Dyas Ltd Location: 8-10, Meridian Centre, Havant, Hampshire, PO9 1UW Classification: Hardware Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	958	-	471754 106361
Contemporary Trade Directory Entries					
157	Name: Wilkinson Hardware Store Location: 23, Meridian Centre, HAVANT, Hampshire, PO9 1UW Classification: Hardware Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	956	-	471754 106361
Contemporary Trade Directory Entries					
158	Name: Blazes Fireplace Centres Location: 23-25, Market Parade, Havant, Hampshire, PO9 1PY Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	964	-	471742 106537
Contemporary Trade Directory Entries					
159	Name: Currys Location: 6, West Street, Havant, Hampshire, PO9 1PF Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	971	-	471765 106278
Contemporary Trade Directory Entries					
160	Name: Pure Chic Interiors Location: Bedhampton Hill, Havant, Hampshire, PO9 3JW Classification: Furniture - Repairing & Restoring Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	973	-	469824 106373
Contemporary Trade Directory Entries					
161	Name: Havant & Emsworth Laundrette Location: 34, Market Parade, Havant, Hampshire, PO9 1QF Classification: Laundries & Laundrettes Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	992	-	471779 106491
Contemporary Trade Directory Entries					
162	Name: B L Wilson Location: 26, Scratchface Lane, Havant, Hampshire, PO9 3NG Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	993	-	470027 106974
Contemporary Trade Directory Entries					
163	Name: Allied National Group Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SE (S)	994	-	470890 105356
Contemporary Trade Directory Entries					
163	Name: Allied National Group Location: Harts Farm Way, Havant, Hampshire, PO9 1JN Classification: Pallets, Crates & Packing Cases Status: Active Positional Accuracy: Manually positioned to the address or location	A8SE (S)	994	-	470890 105356
Contemporary Trade Directory Entries					
164	Name: Pesd (Engineering) Ltd Location: 20, South Street, Havant, Hampshire, PO9 1DA Classification: Engineers - General Status: Active Positional Accuracy: Manually positioned to the address or location	A14SE (E)	998	-	471754 106064
Fuel Station Entries					
165	Name: Cambridge Garage Location: 23 Bedhampton Road, HAVANT, Hampshire, PO9 3ES Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13NW (NW)	336	-	470568 106592

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Fuel Station Entries					
166	Name: Hendy Lennox Location: New Road, HAVANT, Hampshire, PO9 1DE Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A19SW (NE)	537	-	471136 106763
Fuel Station Entries					
167	Name: Havant Lorry Park Location: Southmoor Lane, HAVANT, Hampshire, PO9 1JW Brand: C H Jones Premises Type: Petrol Station Status: Non-Retail Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	629	-	470946 106735
Fuel Station Entries					
168	Name: Tesco Havant Langstone Harbour Location: Solent Road, HAVANT, Hampshire, PO9 1TR Brand: TESCO Premises Type: Hypermarket Status: Open Positional Accuracy: Automatically positioned to the address	A14SE (SE)	771	-	471494 106017
Fuel Station Entries					
169	Name: Park Road South Service Station Location: Park Road South, Bulbeck Road, HAVANT, Hampshire, PO9 1HA Brand: Texaco Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A14SE (E)	807	-	471590 106196

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
Nitrate Vulnerable Zones					
170	Name: Not Supplied Description: Groundwater Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NE (NE)	0	6	470825 106380

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
East Hampshire District Council - Environmental Health Department	August 2008	Annual Rolling Update
Havant Borough Council - Environmental Health Department	December 2008	Annual Rolling Update
Chichester District Council - Environmental Health Department	July 2008	Annual Rolling Update
Portsmouth City Council - Health and Trading Standards	March 2009	Annual Rolling Update
Winchester City Council - Environmental Health Department	October 2008	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	January 2009	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2009	As notified
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Quarterly
Integrated Pollution Prevention And Control		
Environment Agency - Southern Region	January 2009	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Winchester City Council - Environmental Health Department	April 2008	Annual Rolling Update
Havant Borough Council - Environmental Health Department	December 2008	Annual Rolling Update
East Hampshire District Council - Environmental Health Department	February 2007	Annual Rolling Update
Chichester District Council - Environmental Health Department	March 2008	Annual Rolling Update
Portsmouth City Council - Environmental Health Department	September 2008	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Winchester City Council - Environmental Health Department	April 2008	Annual Rolling Update
Havant Borough Council - Environmental Health Department	December 2008	Annual Rolling Update
East Hampshire District Council - Environmental Health Department	February 2007	Annual Rolling Update
Chichester District Council - Environmental Health Department	March 2008	Annual Rolling Update
Portsmouth City Council - Environmental Health Department	September 2008	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Winchester City Council - Environmental Health Department	April 2008	Annual Rolling Update
Chichester District Council - Environmental Health Department	April 2009	Annual Rolling Update
Havant Borough Council - Environmental Health Department	December 2008	Annual Rolling Update
East Hampshire District Council - Environmental Health Department	February 2007	Annual Rolling Update
Portsmouth City Council - Environmental Health Department	September 2008	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	December 2008	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	February 2009	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2009	As notified
Registered Radioactive Substances		
Environment Agency - Southern Region	January 2009	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	September 2007	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	August 2007	Annually
Substantiated Pollution Incident Register		
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2009	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2009	Quarterly

Data Currency

Agency & Hydrological

Water Abstractions

Environment Agency - Southern Region

January 2009

Quarterly

Water Industry Act Referrals

Environment Agency - Southern Region

January 2009

Quarterly

Groundwater Vulnerability

Environment Agency - Head Office

January 1999

Not Applicable

Drift Deposits

Environment Agency - Head Office

January 1999

Not Applicable

Source Protection Zones

Environment Agency - Head Office

September 2008

Variable

Extreme Flooding from Rivers or Sea without Defences

Environment Agency - Head Office

March 2009

Quarterly

Flooding from Rivers or Sea without Defences

Environment Agency - Head Office

March 2009

Quarterly

Areas Benefiting from Flood Defences

Environment Agency - Head Office

March 2009

Quarterly

Flood Water Storage Areas

Environment Agency - Head Office

March 2009

Quarterly

Flood Defences

Environment Agency - Head Office

March 2009

Quarterly

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2009	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2009	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Quarterly
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2009	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2009	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	November 2008	Quarterly
Environment Agency - Southern Region - Sussex Area	November 2008	Quarterly
Local Authority Landfill Coverage		
Chichester District Council - Environmental Health Department	May 2000	Not Applicable
East Hampshire District Council	May 2000	Not Applicable
Hampshire County Council - Minerals and Waste Planning	May 2000	Not Applicable
Havant Borough Council - Environmental Health Department	May 2000	Not Applicable
Portsmouth City Council - Environmental Health Department	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Winchester City Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Chichester District Council - Environmental Health Department	May 2000	Not Applicable
East Hampshire District Council	May 2000	Not Applicable
Hampshire County Council - Minerals and Waste Planning	May 2000	Not Applicable
Havant Borough Council - Environmental Health Department	May 2000	Not Applicable
Portsmouth City Council - Environmental Health Department	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Winchester City Council - Environmental Health Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Hampshire Area	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Hampshire Area	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Hampshire Area	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable

Data Currency

Hazardous Substances

Control of Major Accident Hazards Sites (COMAH)

Health and Safety Executive

Version

October 2008

Update Cycle

Bi-Annually

Explosive Sites

Health and Safety Executive

January 2009

Bi-Annually

Notification of Installations Handling Hazardous Substances (NIHHS)

Health and Safety Executive

November 2000

Not Applicable

Planning Hazardous Substance Enforcements

East Hampshire District Council

December 2008

Annual Rolling Update

Havant Borough Council - Commercial Team

July 2008

Annual Rolling Update

Chichester District Council - Planning Department

March 2009

Annual Rolling Update

West Sussex County Council - Environment & Development

October 2006

Annual Rolling Update

Winchester City Council - Waste Management Team

October 2008

Annual Rolling Update

Hampshire County Council - Minerals and Waste Planning

September 2008

Annual Rolling Update

Portsmouth City Council - Planning Office

September 2008

Annual Rolling Update

Planning Hazardous Substance Consents

East Hampshire District Council

December 2008

Annual Rolling Update

Havant Borough Council - Commercial Team

July 2008

Annual Rolling Update

Chichester District Council - Planning Department

March 2009

Annual Rolling Update

West Sussex County Council - Environment & Development

October 2006

Annual Rolling Update

Winchester City Council - Waste Management Team

October 2008

Annual Rolling Update

Hampshire County Council - Minerals and Waste Planning

September 2008

Annual Rolling Update

Portsmouth City Council - Planning Office

September 2008

Annual Rolling Update

Data Currency

Geological

BGS Recorded Mineral Sites

British Geological Survey - National Geoscience Information Service

Version

October 2008

Update Cycle

Bi-Annually

BGS 1:625,000 Solid Geology

British Geological Survey - National Geoscience Information Service

August 1996

Not Applicable

Brine Compensation Area

Cheshire Brine Subsidence Compensation Board

November 2002

As notified

Coal Mining Affected Areas

The Coal Authority - Mining Report Service

January 2006

As notified

Mining Instability

Ove Arup & Partners

October 2000

Not Applicable

Natural and Mining Cavities

Peter Brett Associates

December 2005

Variable

Potential for Collapsible Ground Stability Hazards

British Geological Survey - National Geoscience Information Service

January 2009

Annually

Potential for Compressible Ground Stability Hazards

British Geological Survey - National Geoscience Information Service

January 2009

Annually

Potential for Ground Dissolution Stability Hazards

British Geological Survey - National Geoscience Information Service

January 2009

Annually

Potential for Landslide Ground Stability Hazards

British Geological Survey - National Geoscience Information Service

January 2009

Annually

Potential for Running Sand Ground Stability Hazards

British Geological Survey - National Geoscience Information Service

January 2009

Annually

Potential for Shrinking or Swelling Clay Ground Stability Hazards

British Geological Survey - National Geoscience Information Service

January 2009

Annually

Radon Potential - Radon Affected Areas

British Geological Survey - National Geoscience Information Service

May 2007

Annually

Radon Potential - Radon Protection Measures

British Geological Survey - National Geoscience Information Service

May 2007

Annually

Shallow Mining Hazards

British Geological Survey - National Geoscience Information Service

August 2002

Not Applicable

Industrial Land Use

Contemporary Trade Directory Entries

Thomson Directories

Version

November 2008

Update Cycle

Quarterly

Fuel Station Entries

Catalist Ltd - (Fuel Station Data)

February 2009

Quarterly

Data Currency

Sensitive Land Use

Areas of Outstanding Natural Beauty

Natural England

Version

December 2008

Update Cycle

Bi-Annually

Environmentally Sensitive Areas

Natural England

February 2009

Annually

Forest Parks

Forestry Commission

April 1997

Not Applicable

Local Nature Reserves

Natural England

December 2008

Bi-Annually

Marine Nature Reserves

Natural England

February 2009

Bi-Annually

National Nature Reserves

Natural England

December 2008

Bi-Annually

National Parks

Natural England

February 2009

Annually

Nitrate Sensitive Areas

Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)

December 2003

Not Applicable

Nitrate Vulnerable Zones

Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)

May 2007

Annually

Ramsar Sites

Natural England

December 2008

Bi-Annually

Sites of Special Scientific Interest

Natural England

December 2008

Bi-Annually

Special Areas of Conservation

Natural England

December 2008

Bi-Annually

Special Protection Areas

Natural England

December 2008

Bi-Annually

A selection of organisations who provide data within this report

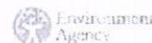
Data Supplier

Data Supplier Logo

Ordnance Survey



Environment Agency



Scottish Environment Protection Agency



The Coal Authority



British Geological Survey



Centre for Ecology and Hydrology



Countryside Council for Wales



Scottish Natural Heritage



Natural England



Health Protection Agency



Ove Arup



Peter Brett Associates



Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	Havant Borough Council - Environmental Health Department Civic Offices, Civic Centre Road, Havant, Hampshire, PO9 2AX	Telephone: 023 92474174 Fax: 01705 446659 Email: env.services@havant.gov.uk Website: www.havant.gov.uk
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
5	Natural England Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
7	Hampshire County Council - Minerals and Waste Planning Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD	Telephone: 01962 841841 Fax: 01962 847055 Website: www.hants.gov.uk
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.