



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 16	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 16	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 18			1	2
Fuel Station Entries					
Points of Interest - Commercial Services	pg 18				1
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 18				2
Points of Interest - Public Infrastructure	pg 18				2
Points of Interest - Recreational and Environmental					
Underground Electrical Cables					



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 19	1			
Areas of Unadopted Green Belt	pg 19	1			
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	pg 19	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	517450 231950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	517300 231800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	517500 232000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	517200 231700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	517250 231750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	517520 232050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	517400 231900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	517900 232200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	28	1	517550 232100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	31	1	517150 231650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	98	1	517520 232250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	135	1	517050 232000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	179	1	517000 231700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	184	1	517000 232000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	273	1	517800 232150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	329	1	516850 231700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	346	1	518200 231800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B1SE (W)	379	1	516550 232450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	384	1	516500 232100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	390	1	516800 231800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	449	1	516800 232000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	470	1	516750 231900



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	479	1	518000 232200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	492	1	516750 231950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B3SE (E)	494	1	517900 232500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B3SE (SE)	496	1	517950 232350
1	Discharge Consents Operator: Mr E J Drew Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Hillcrest Nursery Bedford Road, Holwell, Herts., Sg5 3rt Authority: Environment Agency, Anglian Region Catchment Area: River Hiz (Hitchin) Reference: Prcnf05098 Permit Version: 1 Effective Date: 10th November 1992 Issued Date: 10th November 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Hiz Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	B3SW (S)	515	2	517530 232540
2	Discharge Consents Operator: Lawton, Messrs Frederick, Philip & Micheal Property Type: Domestic Property (Single) Location: Little Milden Ickleford Little Milden, Ickleford, Hitchin, Herts, Sg5 3rs Authority: Environment Agency, Anglian Region Catchment Area: River Hiz (Hitchin) Reference: Prcnf17020 Permit Version: 1 Effective Date: 18th June 2003 Issued Date: 12th July 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied 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	B3NW (N)	849	2	517563 232873
2	Discharge Consents Operator: B F Walker & Son Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Elmdene Farm, Bedford Road, Holwell Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr1nfg2017 Permit Version: 1 Effective Date: 17th May 1988 Issued Date: 17th May 1988 Revocation Date: 20th July 1993 Discharge Type: Agricultural effluents Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Hiz Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	B3NW (N)	877	2	517600 232900



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Mr & Mrs Marshall Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Highways Bedford Road, Ickleford, Hitchin, Herts, Sg5 3rs Authority: Environment Agency, Anglian Region Catchment Area: River Hiz (Hitchin) Reference: Prcnf17308 Permit Version: 1 Effective Date: 4th October 2004 Issued Date: 29th October 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied 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	B3NW (N)	905	2	517560 232930
3	Discharge Consents Operator: P R C & C Phillips Property Type: Undefined Or Other Location: Site Of New Inn Bedford Road(A600), Holwell, Hitchin, Sg5 1rt Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prcnf14035 Permit Version: 1 Effective Date: 2nd March 1998 Issued Date: 2nd March 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Tributary Holwellbury Br Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	B3NW (N)	856	2	517500 232880
3	Discharge Consents Operator: Mr & Mrs P Samuel Property Type: Domestic Property (Single) Location: Capel Grange Bedford Road(A600), Holwell, Hitchin, Herts, Sg5 3rt Authority: Environment Agency, Anglian Region Catchment Area: River Hiz (Hitchin) Reference: Prcnf14035 Permit Version: 1 Effective Date: 2nd March 1998 Issued Date: 2nd March 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Tributary Holwellbury Br Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	B3NW (N)	862	2	517509 232886
4	Integrated Pollution Prevention And Control Name: Biffa Waste Services Limited Location: North Herts Landfill, Bedford Road, North Herts Landfill, Ickleford, HITCHIN, Bucks, SG5 3RT Authority: Environment Agency, Anglian Region Permit Reference: Bw1807ik Original Permit Ref: Bw1807ik Effective Date: 15th December 2016 Status: Effective Application Type: Variation (Normal) App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 0.0 Associated Process Activity Description: Directly Associated Activity (Included) Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	B3SW (S)	360	2	517566 232384



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Local Authority Pollution Prevention and Controls Name: North Herts Memorial Limited Location: North Hertfordshire Memorial Park And Crematorium, Bedford Road, Holwell, Hertfordshire, Sg5 3rt Authority: North Hertfordshire District Council, Environmental Health Department Permit Reference: EPA/00713/17 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG5/2 Crematoria Status: Permitted Positional Accuracy: Manually positioned to the address or location	B2SW (W)	774	3	516868 232434
	Nearest Surface Water Feature	B3SW (S)	302	-	517551 232413
	Water Abstractions Operator: Groveway Ltd Licence Number: 6/33/13/*S/0016 Permit Version: 100 Location: Drain At Ickleford Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 1st November 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B7NW (N)	1377	2	517600 233400
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*S/0082 Permit Version: 100 Location: River Hiz N Of Ickleford Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B4NE (E)	1397	2	518700 232800
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*s/082 Permit Version: Not Supplied Location: River Hiz North Of, ICKLEFORD Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 1 Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B4NE (E)	1397	2	518700 232800



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*s/082 Permit Version: Not Supplied Location: River Hiz , North Of Ickleford Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 1 Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B8SE (NE)	1584	2	518600 233200
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*s/082 Permit Version: Not Supplied Location: River Hiz North Of, ICKLEFORD Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 7 Yearly Rate (m3): 703400 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B8SE (NE)	1584	2	518605 233195
	Water Abstractions Operator: Groveway Ltd Licence Number: 6/33/13/*S/0016 Permit Version: 100 Location: Drain At Ickleford Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 November Permit Start Date: 1st November 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B10SE (N)	1681	2	517400 233700
	Water Abstractions Operator: Wallace Farms Limited Licence Number: 6/33/13/*s/059 Permit Version: Not Supplied Location: River Hiz , North Of Ickleford Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 1 Yearly Rate (m3): 942200 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B8NE (NE)	1744	2	518550 233445



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Wallace Farms Limited Licence Number: 6/33/13/*s/059 Permit Version: Not Supplied Location: Drain , North East Of Ickleford Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 10 Yearly Rate (m3): 942200 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B8NE (NE)	1751	2	518555 233450
	Water Abstractions Operator: Groveway Limited Licence Number: 6/33/13/*s/016 Permit Version: Not Supplied Location: Private Drain At, North West, RAMERICK FARM Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 8 Yearly Rate (m3): 613700 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B11SW (N)	1771	2	517600 233795
	Water Abstractions Operator: Messrs A T Sutton & Sons Licence Number: 6/33/13/*g/015 Permit Version: Not Supplied Location: Well At, ICKLEFORD Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 31820 Details: C Chalk 2; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B11SE (N)	1811	2	517920 233795
	Water Abstractions Operator: Messrs A T Sutton & Sons Licence Number: 6/33/13/*g/015 Permit Version: Not Supplied Location: Well At, ICKLEFORD Authority: Environment Agency, Anglian Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 31820 Details: C Chalk 2; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B11SE (N)	1812	2	517925 233795



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Messrs A T Sutton & Sons Licence Number: 6/33/13/*g/015 Permit Version: Not Supplied Location: Well At, ICKLEFORD Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 31820 Details: C Chalk 2; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	B11SE (N)	1816	2	517920 233800
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*S/0051 Permit Version: 100 Location: Watercourse At Holwell Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Time Limit Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 13th May 1997 Permit End Date: Not Supplied Positional Accuracy: Manually positioned within the geographical locality	B5NW (NW)	1926	2	516284 233493
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*s/051 Permit Version: Not Supplied Location: Drain At, , HOLWELL, Hertfordshire Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 2 Yearly Rate (m3): 1645000 Details: Status: Time Limit Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Manually positioned within the geographical locality	B5NW (NW)	1930	2	516284 233498
	Water Abstractions Operator: K Parrish And Son Licence Number: 6/33/13/*S/0051 Permit Version: 103 Location: Watercourse At Holwellbury Farm - Between Points C And D Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (NW)	1944	2	516334 233557



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: K Parrish And Son Licence Number: 6/33/13/*S/0051 Permit Version: 102 Location: Watercourse At Holwell Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (NW)	1957	2	516330 233570
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*S/0051 Permit Version: 101 Location: Watercourse At Holwell Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 6th December 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B5NW (NW)	1957	2	516330 233570
	Water Abstractions Operator: Groveway Limited Licence Number: 6/33/13/*s/016 Permit Version: Not Supplied Location: River Hiz At, North West, RAMERICK FARM Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 8 Yearly Rate (m3): 613700 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B12SE (NE)	1980	2	518600 233695
	Water Abstractions Operator: Groveway Limited Licence Number: 6/33/13/*s/016 Permit Version: Not Supplied Location: River Hiz At, , ICKLEFORD, Hertfordshire Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 8 Yearly Rate (m3): 614000 Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B12SE (NE)	1984	2	518600 233700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hunter Partnership Licence Number: 6/33/13/*G/0052 Permit Version: 100 Location: Borehole At Wilbury Farm Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: C Chalk 2; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1986	2	519100 233250
	Water Abstractions Operator: Fg Rook & Son Licence Number: 6/33/13/*S/0019 Permit Version: 102 Location: River Hiz Sw Of Arlesey Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 28th March 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (N)	2000	2	517850 234000
	Water Abstractions Operator: MrMr C P Papworth Licence Number: 6/33/13/*S/0019 Permit Version: 101 Location: River Hiz Sw Of Arlesey Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 23rd August 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (N)	2000	2	517850 234000
	Water Abstractions Operator: B O Papworth & Son Licence Number: 6/33/13/*S/0019 Permit Version: 100 Location: River Hiz Sw Of Arlesey Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st March 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	B11SE (N)	2000	2	517850 234000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: High Superficial Recharge:	(S)	0	2	517520 232000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: High Superficial Recharge:	(S)	0	2	517710 232000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: 3-10m Superficial Thickness: Low Superficial Recharge:	B3SW (E)	0	2	517520 232619
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	B3SW (E)	0	2	517520 232619
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	B3SW (E)	0	2	517520 232619
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	B3SW (E)	0	2	517520 232619
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B3SE (E)	0	2	518008 232478
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SW (S)	302	4	517551 232413
7	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SW (S)	389	4	517550 232417
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SW (S)	393	4	517541 232458
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	(SE)	544	4	517986 232333
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SE (SE)	555	4	517997 232337
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SE (SE)	623	4	518053 232376
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SE (SE)	627	4	518055 232379
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SE (E)	656	4	518081 232393
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B3SE (E)	668	4	518091 232400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	771	4	518189 232437
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	799	4	518215 232448
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	806	4	518222 232450
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	807	4	518224 232450
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	844	4	518263 232457
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	853	4	518270 232469
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	883	4	518285 232497
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	893	4	518291 232505
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	901	4	518295 232512



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	926	4	518316 232526
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	933	4	518323 232528
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	934	4	518324 232528
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	953	4	518347 232528
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	B4SW (E)	966	4	518366 232523
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Hiz (DS Hitchin) WaterBody ID: GB105033037700 Operational level Catchment: Ouse Upper and Bedford Management Catchment: Upper & Bedford Ouse	B3SW (S)	0	2	517520 232560
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Stondon Brook WaterBody ID: GB105033037710 Operational level Catchment: Ouse Upper and Bedford Management Catchment: Upper & Bedford Ouse	B3SW (E)	269	2	517520 232619
	Water Framework Directive - Groundwater Waterbody Name: Upper Bedford Ouse Chalk Waterbody ID: GB40601G603000 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40601G603000 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: 2019	B3SW (E)	0	2	517520 232619



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Historical Landfill Sites Licence Holder: Hertfordshire county Council Location: Hitchin, Hertfordshire Name: Pit At Holwell Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD00765 First Input Date: 18th February 1959 Last Input Date: 31st December 1980 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1900/0073 BGS Ref: 1369 Other Ref: Resolution 0333, 22/0011, 99/PRE-76, 1900/5111	B2SW (W)	430	2	516876 232425
30	Licensed Waste Management Facilities (Landfill Boundaries) Name: North Herts Landfill - Epr/Bw1807ik Licence Number: 0 Location: BEDFORD ROAD, North Herts Landfill - EPR/BW1807IK, ICKLEFORD, HITCHIN, Bucks, SG5 3RT Licence Holder: Biffa Waste Services Limited Authority: Environment Agency - South East Region, North East Thames Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 22nd December 2004 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	B3SW (S)	362	2	517513 232597
31	Licensed Waste Management Facilities (Locations) Licence Number: 75003 Location: North Herts Landfill Site, Off Bedford Road, Ickleford, Hitchin, Hertfordshire, SG5 3RT Operator Name: BIFFA WASTE SERVICES LIMITED Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Co-disposal Landfill Sites Licence Status: Superseded Issued: 28th July 1999 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	B3SW (SW)	576	2	517501 232600
	Local Authority Landfill Coverage Name: Hertfordshire County Council - Has supplied landfill data		0	5	517520 232619
	Local Authority Landfill Coverage Name: North Hertfordshire District Council - Has supplied landfill data		0	3	517520 232619
32	Local Authority Recorded Landfill Sites Location: Holywell Gravels Limited, Three Hill Pit, Caldicote, Holwell Reference: 99 Authority: North Hertfordshire District Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Putrescible Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	(SW)	705	3	516787 232272
33	Local Authority Recorded Landfill Sites Location: Holwell Sand Pit, Hitchin Reference: 21 Authority: Hertfordshire County Council, Spatial Planning and Economy Unit Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	(SW)	705	5	516785 232274