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Water Cycle Study Appendix B Water Framework Directive RNAGs

July 2017



B Appendix - Water Framework Directive Reasons for Not Achieving Good (RNAGs).

RNAG Yea	r -	Water Boo	ly River Basin	I										Certainty				2015 Classification Item	
Unique ID Cre	ated Water Body ID Water Body Name	Category				Classification Item	Pressure (level 1)	Pressure (level 2			National Significant Water Management Issue			(Activity)		Sector (level 2)			CBC
516224 516299	2014 GB105033038040 Chicheley Brook 2014 GB105033037660 Running Waters-Steppingley	River River	Anglian Anglian	England	Cambridgeshire and Bedfordshire	Macrophytes and Phytobenthos Combined Macrophytes and Phytobenthos Combined		Phosphate Phosphate	Phosphate Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Confirmed Confirmed	Sewage discharge (continuous) Sewage discharge (continuous)	Confirmed Confirmed	Water Industry Water Industry	Waste water treatment Waste water treatment	Confirmed Confirmed	Poor Moderate	Chicheley Brook Running Waters-Steppingley
516198	2014 GB105033038040 Chicheley Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Macrophytes and Phytobenthos Combined		Phosphate	Phosphate	Diffuse source	Pollution from rural areas	Confirmed	Arable field	Confirmed	Agriculture and rural land management		Confirmed	Poor	Chicheley Brook
	2014 GB105033038040 Chicheley Brook 2014 GB105033037770 Henlow Brook	River River	Anglian Anglian		Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Macrophytes and Phytobenthos Combined Dissolved oxygen	Nutrients	Phosphate	Phosphate Dissolved oxygen (DO)	Point source Flow	Pollution from waste water Changes to the natural flow and levels of water	Confirmed	Industrial/trade discharge (non EPR) Land drainage	Confirmed Confirmed	Other Agriculture and rural land management		Confirmed Confirmed	Poor Moderate	Chicheley Brook Henlow Brook
	2014 GB105033037820 Millbridge and Potton Brooks	River	Anglian		Cambridgeshire and Bedfordshire	Macrophytes and Phytobenthos Combined	Morphology	Not applicable	Physical modification	Physical modification	Physical modifications	Probable	Land drainage	Probable	Agriculture and rural land management	Agriculture - Arable	Probable	Moderate	Millbridge-Common Brooks
	2014 GB105033037770 Henlow Brook	River	Anglian		Cambridgeshire and Bedfordshire	Dissolved oxygen			Dissolved oxygen (DO)	Natural	Natural conditions	Confirmed	Natural conditions - low flows	Confirmed	No sector responsible		Not applicable	Moderate	Henlow Brook
	2015 GB105033038010 Harrowden Brook 2015 GB105033038010 Harrowden Brook	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Diffuse source Diffuse source	Pollution from rural areas Pollution from rural areas	Probable Probable	Arable field Livestock field	Probable Probable	Agriculture and rural land management Agriculture and rural land management		Probable Probable	Moderate Moderate	Harrowden Brook (Upper and Bedford Ouse) Harrowden Brook (Upper and Bedford Ouse)
517272	2013 GB105033037730 Pix Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Ammonia (Phys-Chem)			Ammonia	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed		Waste water treatment	Confirmed	Moderate	Pix Brook
	2013 GB105033037730 Pix Brook 2014 GB105033037820 Millbridge and Potton Brooks	River River	Anglian Anglian		Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Ammonia (Phys-Chem) Macrophytes and Phytobenthos Combined	Nutriante	Phosphate	Ammonia Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Probable Confirmed	Sewage discharge (intermittent) Sewage discharge (continuous)	Probable Confirmed		Urban Waste water treatment	Probable Confirmed	Moderate Moderate	Pix Brook Millbridge-Common Brooks
	2014 GB105033037620 WhiteBrook	River	Anglian		Cambridgeshire and Bedfordshire	Phosphate	Nutrients	Phosphate	Phosphate	Diffuse source	Pollution from rural areas	Probable	Mixed agricultural	Probable	Agriculture and rural land management	waste water treatment	Probable	Poor	Whistle Brook
	2015 GB105033030490 Whistle Brook	River	Anglian		Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry		Confirmed	Poor	Whistle Brook
	2015 GB105033030520 Ouzel (US Clipstone Brook) 2015 GB105033037500 Barton Brook	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Confirmed Confirmed	Sewage discharge (continuous) Sewage discharge (continuous)	Confirmed Confirmed	Water Industry Water Industry	Waste water treatment	Confirmed Confirmed	Moderate Poor	Ouzel (US Clipstone Brook) Barton Brook
520963	2014 GB105033037640 Flit	River	Anglian		Cambridgeshire and Bedfordshire	Invertebrates	Invasive non-native sp	per Not applicable	Invasive non-native species	Invasive non-native species	Non-native invasive species	Confirmed	North american signal crayfish	Confirmed	No sector responsible	Tradic Wald field field	Not applicable	Moderate	Flit
	2014 GB105033037640 Flit 2014 GB105033037640 Flit	River River	Anglian		Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Invertebrates Invertebrates	Morphology	Not applicable	Physical modification	Physical modification Point source	Physical modifications Pollution from waste water	Probable Confirmed	Land drainage Sewage discharge (continuous)	Probable Confirmed	Agriculture and rural land management Water Industry	Agriculture - Arable Waste water treatment	Probable Confirmed	Moderate Moderate	Flit
	2014 GB105033037640 Filt 2014 GB105033038190 Stone Brook	River	Anglian Anglian		Cambridgeshire and Bedfordshire	Invertebrates	Nutrients Dissolved oxvaen	Phosphate Not applicable	Phosphate Dissolved oxygen (DO)	Point source	Pollution from waste water	Probable	Sewage discharge (continuous)	Probable		Waste water treatment	Probable	Poor	Stone Brook
520940	2014 GB105033038190 Stone Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Invertebrates	Morphology	Not applicable	Physical modification	Physical modification	Physical modifications	Probable	Land drainage	Probable	Agriculture and rural land management	Agriculture - Arable	Probable	Poor	Stone Brook
	2014 GB105033037670 Chicksands Brook 2014 GB105033037650 Elit tributary	River River	Anglian Anglian	England	Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Invertebrates Invertebrates	Nutrients Sediment	Phosphate Not applicable	Phosphate Fine sediment	Diffuse source Natural	Pollution from rural areas Natural conditions	Probable Probable	Arable field Natural conditions - other	Probable Probable	Agriculture and rural land management No sector responsible	Agriculture - Arable	Probable Not applicable	Poor Moderate	Chicksands Brook Flit tributary
	2014 GB105033037670 Chicksands Brook	River	Anglian		Cambridgeshire and Bedfordshire	Invertebrates	Nutrients	Phosphate	Phosphate	Point source	Pollution from waste water	Probable	Sewage discharge (continuous)	Probable	Water Industry	Waste water treatment	Probable	Poor	Chicksands Brook
	2015 GB105033030500 Eaton Bray Brook	River	Anglian		Cambridgeshire and Bedfordshire	Macrophytes and Phytobenthos Combined	Other (not in list)	Not applicable	Other	Unknown (pending investigation)	Unknown (pending investigation)	Not applicable	Unknown (pending investigation)	Not applicable			Not applicable	Moderate	Eaton Bray Brook
	2015 GB105033038050 Elstow Brook (US Shortstown) 2015 GB105033037930 Broughton Brook	River River	Anglian Anglian		Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Macrophytes and Phytobenthos Combined Macrophytes and Phytobenthos Combined	Other (not in list) Other (not in list)	Not applicable Not applicable	Other Other	Unknown (pending investigation) Unknown (pending investigation)	Unknown (pending investigation) Unknown (pending investigation)	Not applicable Not applicable	Unknown (pending investigation) Unknown (pending investigation)		Sector under investigation Sector under investigation		Not applicable Not applicable	Moderate Poor	Elstow Brook (US Shortstown) Broughton Brook (Upper and Bedford Ouse)
	2015 GB105033037740 Cat Ditch	River	Anglian		Cambridgeshire and Bedfordshire	Invertebrates	Other (not in list)	Not applicable	Other	Unknown (pending investigation)	Unknown (pending investigation)	Not applicable	Unknown (pending investigation)		Sector under investigation		Not applicable		Cat Ditch
	2015 GB105033037730 Pix Brook	River	Anglian		Cambridgeshire and Bedfordshire	Di(2-ethylhexyl)phthalate			Chemicals	Unknown (pending investigation)	Unknown (pending investigation)	Not applicable	Unknown (pending investigation)		Sector under investigation		Not applicable		Pix Brook
	2015 GB105033037670 Chicksands Brook 2015 GB105033037630 Clipstone Brook Tributary	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Dissolved oxygen Invertebrates	Other (not in list)	Not applicable	Dissolved oxygen (DO) Other	Unknown (pending investigation) Unknown (pending investigation)	Unknown (pending investigation) Unknown (pending investigation)	Not applicable Not applicable	Unknown (pending investigation) Unknown (pending investigation)		Sector under investigation Sector under investigation		Not applicable Not applicable	Bad Moderate	Chicksands Brook Clipstone Brook Tributary
	2014 GB105033038040 Chicheley Brook	River	Anglian	England	d Cambridgeshire and Bedfordshire	Invertebrates	Nutrients	Phosphate	Phosphate	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry		Confirmed	Moderate	Chicheley Brook
	2015 GB105033037670 Chicksands Brook 2015 GB105033037670 Chicksands Brook	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Diffuse source Point source	Pollution from rural areas Pollution from waste water	Probable Probable	Arable field Sewage discharge (continuous)	Probable Probable	Agriculture and rural land management Water Industry	Waste water treatment	Probable Probable	Poor Poor	Chicksands Brook Chicksands Brook
518316	2014 GB105033038040 Chicheley Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Invertebrates	Nutrients	Phosphate	Phosphate	Point source	Pollution from waste water	Confirmed	Industrial/trade discharge (non EPR)	Confirmed	Other		Confirmed	Moderate	Chicheley Brook
	2015 GB105033037971 Ouzel US Caldecote Mill	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Diffuse source	Pollution from rural areas	Probable	Livestock field	Probable	Agriculture and rural land management		Probable	Moderate	Ouzel US Caldecote Mill
	2015 GB105033037971 Ouzel US Caldecote Mill 2014 GB105033037820 Millbridge and Potton Brooks	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire d Cambridgeshire and Bedfordshire	Phosphate Invertebrates	Nutrients	Phosphate	Phosphate Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Confirmed Confirmed	Sewage discharge (continuous) Sewage discharge (continuous)	Confirmed Confirmed	Water Industry Water Industry	Waste water treatment	Confirmed Confirmed	Moderate Moderate	Ouzel US Caldecote Mill Millbridge-Common Brooks
518318	2014 GB105033038040 Chichelev Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Invertebrates	Sediment	Not applicable	Fine sediment	Diffuse source	Pollution from rural areas	Confirmed	Arable field	Confirmed	Agriculture and rural land management	Agriculture - Arable	Confirmed	Moderate	Chicheley Brook
	2014 GB105033038040 Chicheley Brook	River	Anglian		Cambridgeshire and Bedfordshire	Invertebrates Phorehoto	Nutrients	Phosphate	Phosphate Phosphate	Diffuse source	Pollution from rural areas	Confirmed	Arable field	Confirmed	Agriculture and rural land management		Confirmed	Moderate Moderate	Chicheley Brook Millbridge-Common Brooks
	2014 GB105033037820 Millbridge and Potton Brooks 2014 GB105033037730 Pix Brook	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Point source Diffuse source	Pollution from waste water Pollution from towns, cities and transport	Confirmed Confirmed	Sewage discharge (continuous) Drainage - mixed	Confirmed Confirmed	Water Industry Urban and transport	Waste water treatment Urban	Confirmed Confirmed	Moderate Poor	Millbridge-Common Brooks Pix Brook
481742	2013 GB105033037930 Broughton Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Diffuse source	Pollution from rural areas	Probable	Arable field	Probable	Agriculture and rural land management	Agriculture - Arable	Probable	Moderate	Broughton Brook (Upper and Bedford Ouse)
	2013 GB105033037750 Campton Brook (Hit) 2013 GB105033037930 Broughton Brook	River River	Anglian Anglian		Cambridgeshire and Bedfordshire	Invertebrates Phosphate	Invasive non-native sp	per Not applicable	Invasive non-native species Phosphate	Invasive non-native species Diffuse source	Non-native invasive species Pollution from rural areas	Confirmed Probable	North american signal crayfish Mixed agricultural	Confirmed Probable	No sector responsible Agriculture and rural land management	Agriculture - Livertock	Not applicable Probable	Moderate Moderate	Campton Brook Broughton Brook (Upper and Bedford Ouse)
481740	2013 GB105033037930 Broughton Brook	River	Anglian Anglian		Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Diffuse source Point source	Pollution from rural areas Pollution from waste water	Probable	Mixed agricultural Unsewered domestic sewage	Probable Probable	Agriculture and rural land management Domestic General Public	Agriculture - LIVESTOCK	Probable	Moderate Moderate	Broughton Brook (Upper and Bedford Ouse) Broughton Brook (Upper and Bedford Ouse)
482231	2013 GB105033037750 Campton Brook (Hit) 2014 GB105033037640 Elit	River	Anglian	England	Cambridgeshire and Bedfordshire	Invertebrates	Morphology	Not applicable	Physical modification	Physical modification	Physical modifications	Probable	Land drainage	Probable	Agriculture and rural land management	Agriculture - Arable	Probable	Moderate	Campton Brook
400440	2014 GB105033037640 Flit 2014 GB105033030520 Ouzel (US Clipstone Brook)	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Fish Invertebrates	Morphology Invasive non-native sp	Not applicable	Physical modification Invasive non-native species	Physical modification Invasive non-native species	Physical modifications Non-native invasive species	Confirmed Confirmed	Barriers to fish migration North american signal crayfish	Confirmed Confirmed	Agriculture and rural land management No sector responsible		Probable Not applicable	Poor Moderate	Flit Ouzel (US Clipstone Brook)
	2014 GB105033030530 Ouzel Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate	Invasive normative sp	per rivor applicable	Phosphate	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry	Waste water treatment	Confirmed	Poor	Ouzel Brook
	2014 GB105033037640 Flit	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate	5 ¹	No	Phosphate (DO)	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry		Confirmed	Poor	Flit
	2014 GB105033037660 Running Waters-Steppingley 2014 GB105033037660 Running Waters-Steppingley	River River	Anglian Anglian		Cambridgeshire and Bedfordshire	Invertebrates Invertebrates	Dissolved oxygen Nutrients	Not applicable Phosphate	Dissolved oxygen (DO) Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Confirmed Confirmed	Sewage discharge (continuous) Sewage discharge (continuous)	Confirmed Confirmed	Water Industry Water Industry		Confirmed Confirmed	Moderate Moderate	Running Waters-Steppingley Running Waters-Steppingley
486452	2014 GB105033037660 Running Waters-Steppingley	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry		Confirmed	Poor	Running Waters-Steppingley
	2014 GB105033037700 Hiz (DS Hitchin) 2014 GB105033037700 Hiz (DS Hitchin)	River River	Anglian			Fish	Invasive non-native sp		Invasive non-native species Fine sediment	Invasive non-native species	Non-native invasive species	Confirmed Confirmed	North american signal crayfish	Confirmed Confirmed	No sector responsible	114	Not applicable	Moderate Moderate	Hiz (DS Hitchin) Hiz (DS Hitchin)
	2014 GB105033037700 Hiz (DS Hitchin) 2013 GB105033038100 Rhee (US Wendy)	River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Hish Mitigation Measures Assessment	Sediment Land drainage	Not applicable	Physical modification	Diffuse source Physical modification	Pollution from towns, cities and transport Physical modifications	Confirmed	Drainage - mixed Other (not in list)	Confirmed	Urban and transport Agriculture and rural land management	Urban	Confirmed Confirmed	Moderate Moderate or less	Rhee (US Wendy)
479004	2013 GB105033038170 Ivel (DS Langford to Roxton)	River	Anglian	England	Cambridgeshire and Bedfordshire	Mitigation Measures Assessment	Flood protection		Physical modification	Physical modification	Physical modifications	Confirmed	Other (not in list)	Confirmed	Local and Central Government		Confirmed	Moderate or less	Ivel (Langford to Roxton)
	2013 GB105033038170 Ivel (DS Langford to Roxton) 2013 GB105033037700 Hiz (DS Hitchin)	River	Anglian Anglian	England	Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Mitigation Measures Assessment Mitigation Measures Assessment	Land drainage Flood protection		Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Confirmed Confirmed	Other (not in list) Other (not in list)	Confirmed Confirmed	Agriculture and rural land management Local and Central Government		Confirmed Confirmed	Moderate or less Moderate or less	Ivel (Langford to Roxton) Hiz (DS Hitchin)
	2013 GB105033037700 Hiz (DS Hitchin)	River	Anglian		Cambridgeshire and Bedfordshire	Mitigation Measures Assessment	Land drainage		Physical modification	Physical modification	Physical modifications	Confirmed	Other (not in list)	Confirmed	Agriculture and rural land management		Confirmed	Moderate or less	Hiz (DS Hitchin)
	2013 GB105033037971 Ouzel US Caldecote Mill	River	Anglian		Cambridgeshire and Bedfordshire	Mitigation Measures Assessment	Flood protection		Physical modification	Physical modification	Physical modifications	Confirmed	Other (not in list)	Confirmed	Local and Central Government		Confirmed	Moderate or less	Ouzel US Caldecote Mill
	2013 GB105033037971 Ouzel US Caldecote Mill 2013 GB105033037971 Ouzel US Caldecote Mill	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire d Cambridgeshire and Bedfordshire	Mitigation Measures Assessment Mitigation Measures Assessment	Land drainage Urbanisation		Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Confirmed Confirmed	Other (not in list) Other (not in list)	Confirmed Confirmed	Agriculture and rural land management Urban and transport		Confirmed Confirmed	Moderate or less Moderate or less	Ouzel US Caldecote Mill Ouzel US Caldecote Mill
	2013 GB105033030520 Ouzel (US Clipstone Brook)	River	Anglian	England	d Cambridgeshire and Bedfordshire	Mitigation Measures Assessment	Land drainage		Physical modification	Physical modification	Physical modifications	Confirmed	Other (not in list)	Confirmed	Agriculture and rural land management		Confirmed	Moderate or less	Ouzel (US Clipstone Brook)
	2013 GB105033047921 Ouse (Roxton to Earith) 2013 GB105033047921 Ouse (Roxton to Earith)	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Mitigation Measures Assessment Mitigation Measures Assessment	Recreation Flood protection		Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Confirmed Confirmed	Other (not in list) Other (not in list)	Confirmed Confirmed	Recreation Local and Central Government	Recreation	Confirmed Confirmed	Moderate or less Moderate or less	Ouse (Roxton to Earith) Ouse (Roxton to Earith)
	2013 GB105033047923 Ouse (Newport Pagnell to Roxton)	River	Anglian		Cambridgeshire and Bedfordshire	Mitigation Measures Assessment	Recreation		Physical modification	Physical modification	Physical modifications	Confirmed	Other (not in list)	Confirmed	Recreation	Recreation	Confirmed	Moderate or less	Ouse (Newport Pagnell to Roxton)
479145	2013 GB105033047923 Ouse (Newport Pagnell to Roxton)	River	Anglian	England	Cambridgeshire and Bedfordshire	Mitigation Measures Assessment	Flood protection		Physical modification	Physical modification	Physical modifications	Confirmed	Other (not in list)	Confirmed	Local and Central Government		Confirmed	Moderate or less	Ouse (Newport Pagnell to Roxton)
	2013 GB105033047923 Ouse (Newport Pagnell to Roxton) 2014 GB105033037750 Campton Brook (Hit)	River	Anglian Anglian		Cambridgeshire and Bedfordshire	Mitigation Measures Assessment Phosphate	Urbanisation		Physical modification Phosphate	Physical modification Point source	Physical modifications Pollution from waste water	Confirmed Confirmed	Other (not in list) Sewage discharge (continuous)	Confirmed Confirmed	Urban and transport Water Industry		Confirmed Confirmed	Moderate or less Poor	Ouse (Newport Pagnell to Roxton) Campton Brook
	2014 GB105033037730 Pix Brook	River	Anglian		Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry		Confirmed	Poor	Pix Brook
	2014 GB105033030490 Whistle Brook	River	Anglian		Cambridgeshire and Bedfordshire	Invertebrates	Invasive non-native sp	per Not applicable	Invasive non-native species	Invasive non-native species	Non-native invasive species	Confirmed	North american signal crayfish	Confirmed	No sector responsible		Not applicable	Moderate	Whistle Brook
	2014 GB105033037710 Stondon Brook 2014 GB105033030490 Whistle Brook	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Dissolved oxygen Invertebrates	Morphology	Not applicable	Dissolved oxygen (DO) Physical modification	Natural Physical modification	Natural conditions Physical modifications	Probable Confirmed	Natural conditions - low flows Land drainage	Probable Confirmed	No sector responsible Agriculture and rural land management	Agriculture - Arable	Not applicable Confirmed	Bad Moderate	Stondon Brook Whistle Brook
510018	2014 GB105033038190 Stone Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Dissolved oxygen			Dissolved oxygen (DO)	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed		Waste water treatment	Confirmed	Bad	Stone Brook
	2014 GB105033038190 Stone Brook	River	Anglian		Cambridgeshire and Bedfordshire	Dissolved oxygen			Dissolved oxygen (DO)	Natural	Natural conditions	Probable	Natural conditions - low flows	Probable	No sector responsible	147	Not applicable	Bad	Stone Brook
	2014 GB105033038190 Stone Brook 2014 GB105033038190 Stone Brook	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Ammonia (Phys-Chem) Phosphate			Ammonia Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Probable Confirmed	Sewage discharge (continuous) Sewage discharge (continuous)	Probable Confirmed		Waste water treatment Waste water treatment	Probable Confirmed	Poor Moderate	Stone Brook Stone Brook
	2014 GB105033038190 Stone Brook	River	Anglian		Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Diffuse source	Pollution from rural areas	Confirmed	Arable field	Confirmed	Agriculture and rural land management		Confirmed	Moderate	Stone Brook
	2014 GB105033047921 Ouse (Roxton to Earith) 2014 GB105033047921 Ouse (Roxton to Earith)	River River	Anglian Anglian		d Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Diffuse source Diffuse source	Pollution from rural areas Pollution from rural areas	Confirmed Confirmed	Livestock field Arable field	Confirmed Confirmed	Agriculture and rural land management Agriculture and rural land management		Confirmed Confirmed	Moderate Moderate	Ouse (Roxton to Earith) Ouse (Roxton to Earith)
486699	2014 GB105033047923 Ouse (Newport Pagnell to Roxton)	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry	Waste water treatment	Confirmed	Poor	Ouse (Newport Pagnell to Roxton)
486700 486701	2014 GB105033047923 Ouse (Newport Pagnell to Roxton) 2014 GB105033047923 Ouse (Newport Pagnell to Roxton)	River River	Anglian		Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Phosphate			Phosphate Phosphate	Diffuse source Diffuse source	Pollution from rural areas Pollution from rural areas	Confirmed Confirmed	Arable field Livestock field	Confirmed Confirmed	Agriculture and rural land management Agriculture and rural land management	Agriculture - Linesteels	Confirmed Confirmed	Poor Poor	Ouse (Newport Pagnell to Roxton) Ouse (Newport Pagnell to Roxton)
	2014 GB105033047923 Ouse (Newport Pagnell to Roxton) 2014 GB105033047921 Ouse (Roxton to Earith)	River	Anglian Anglian		Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Diffuse source Point source	Pollution from rural areas Pollution from waste water	Confirmed	Livestock held Sewage discharge (continuous)	Confirmed		Agriculture - Livestock Waste water treatment	Confirmed	Poor Moderate	Ouse (Newport Pagnell to Roxton) Ouse (Roxton to Earith)
486503	2014 GB105033038040 Chicheley Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Point source	Pollution from waste water	Confirmed	Industrial/trade discharge (non EPR)	Confirmed	Other		Confirmed	Bad	Chicheley Brook
	2014 GB105033038040 Chicheley Brook 2014 GB105033038100 Rhee (US Wendy)	River	Anglian Anglian		Cambridgeshire and Bedfordshire Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Confirmed Confirmed	Sewage discharge (continuous) Sewage discharge (continuous)	Confirmed Confirmed	Water Industry Water Industry		Confirmed Confirmed	Bad Poor	Chicheley Brook Rhee (US Wendy)
486512	2014 GB105033038170 Ivel (DS Langford to Roxton)	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Point source	Pollution from waste water	Confirmed	Sewage discharge (continuous)	Confirmed	Water Industry		Confirmed	Moderate	Ivel (Langford to Roxton)
486468	2014 GB105033037770 Henlow Brook	River	Anglian		Cambridgeshire and Bedfordshire	Invertebrates	Nutrients	Phosphate	Phosphate	Point source	Pollution from waste water	Probable	Sewage discharge (continuous)	Probable	Water Industry		Probable	Moderate	Henlow Brook
	2014 GB105033037770 Henlow Brook 2014 GB105033037790 Flit and Ivel Navigation d/s of Sheffor	River d River	Anglian Anglian		d Cambridgeshire and Bedfordshire d Cambridgeshire and Bedfordshire	Phosphate Phosphate			Phosphate Phosphate	Point source Point source	Pollution from waste water Pollution from waste water	Confirmed Confirmed	Sewage discharge (continuous) Sewage discharge (continuous)	Confirmed Confirmed	Water Industry Water Industry		Confirmed Confirmed	Poor Poor	Henlow Brook Ivel Navigation
486502	2014 GB105033038040 Chicheley Brook	River	Anglian	England	Cambridgeshire and Bedfordshire	Phosphate			Phosphate	Diffuse source	Pollution from rural areas	Confirmed	Arable field	Confirmed	Agriculture and rural land management	Agriculture - Arable	Confirmed	Bad	Chicheley Brook
	2014 GB105033037820 Millbridge and Potton Brooks 2014 GB105033037820 Millbridge and Potton Brooks	River	Anglian		Cambridgeshire and Bedfordshire	Invertebrates	Ammonia Mombology	Not applicable	Ammonia Physical modification	Point source	Pollution from waste water Physical modifications	Confirmed	Sewage discharge (continuous)	Confirmed Brobable	Water Industry		Confirmed	Moderate Moderate	Millbridge-Common Brooks
	2014 GB105033037820 Millbridge and Potton Brooks 2015 GB106038033391 Lee (from Luton to Luton Hoo Lakes)	River River	Anglian Thames		d Cambridgeshire and Bedfordshire d Hertfordshire and North London	Invertebrates Fish	Morphology Morphology	Not applicable Not applicable	Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Confirmed Confirmed	Land drainage - operational management Urbanisation - urban development	Probable Confirmed	Other Urban and transport		Probable Confirmed	Moderate Bad	Millbridge-Common Brooks Lee (from Luton to Luton Hoo Lakes)
516963	2015 GB106039029920 Ver	River	Thames	England	Hertfordshire and North London	Macrophytes and Phytobenthos Combined	Hydrology	Not applicable	Abstraction and flow	Flow	Changes to the natural flow and levels of water	Probable	Groundwater abstraction	Probable		Water supply	Probable	Moderate	Ver
	2015 GB106039029920 Ver 2015 GB106039029920 Ver	River River	Thames Thames	England	Hertfordshire and North London Hertfordshire and North London	Macrophytes and Phytobenthos Combined Macrophytes and Phytobenthos Combined	Morphology	Not applicable Not applicable	Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Probable Probable	Impoundments Impoundments	Probable Probable	Other		Probable Probable	Moderate Moderate	Ver Ver
	2015 GB106039029920 Ver 2015 GB106039029920 Ver	River	Thames Thames		Hertfordshire and North London Hertfordshire and North London	Macrophytes and Phytobenthos Combined Macrophytes and Phytobenthos Combined		Not applicable Not applicable	Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Probable	Impoundments Urbanisation - urban development	Probable Probable	outor	Urban	Probable	Moderate	Ver
517580	2013 GB106039029920 Ver	River	Thames	England	Hertfordshire and North London	Morphology			Physical modification	Physical modification	Physical modifications	Probable	Urbanisation - urban development	Probable	Urban and transport	Urban	Probable	Does Not Support Good	Ver
	2013 GB106039029920 Ver 2013 GB106039029920 Ver	River River	Thames Thames		Hertfordshire and North London Hertfordshire and North London	Morphology Morphology			Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Probable Probable	Impoundments Impoundments	Probable Probable	Other Other		Probable Probable	Does Not Support Good Does Not Support Good	
514650	2015 GB106038033391 Lee (from Luton to Luton Hoo Lakes)	River	Thames	England	Hertfordshire and North London	Fish	Nutrients	Phosphate	Physical modification Phosphate	Diffuse source	Pollution from towns, cities and transport	Probable	Sewage discharge (diffuse)	Probable		Urban	Probable	Bad	Lee (from Luton to Luton Hoo Lakes)
514655	2014 GB106039029900 Gade (Upper stretch Great Gaddesd	en River	Thames	England	Hertfordshire and North London	Macrophytes and Phytobenthos Combined	Nutrients	Phosphate	Phosphate	Diffuse source	Pollution from towns, cities and transport	Probable	Sewage discharge (diffuse)	Probable	Urban and transport		Probable	Bad	Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC)
	2015 GB106038033391 Lee (from Luton to Luton Hoo Lakes) 2013 GB106038033391 Lee (from Luton to Luton Hoo Lakes)		Thames Thames	England	Hertfordshire and North London Hertfordshire and North London	Fish Mitigation Measures Assessment	Morphology Flood protection	Not applicable	Physical modification Physical modification	Physical modification Physical modification	Physical modifications Physical modifications	Probable Confirmed	Flood protection - structures Other (not in list)	Probable Confirmed	Urban and transport Local and Central Government	Other (not in list)	Probable Confirmed	Bad Moderate or less	Lee (from Luton to Luton Hoo Lakes) Lee (from Luton to Luton Hoo Lakes)
479349	2013 GB106038033391 Lee (from Luton to Luton Hoo Lakes)	River	Thames	England	Hertfordshire and North London	Mitigation Measures Assessment Mitigation Measures Assessment	Urbanisation		Physical modification Physical modification	Physical modification Physical modification	Physical modifications	Confirmed	Other (not in list) Other (not in list)	Confirmed	Urban and transport		Confirmed	Moderate or less	Lee (from Luton to Luton Hoo Lakes) Lee (from Luton to Luton Hoo Lakes)
487151	2014 GB106038033391 Lee (from Luton to Luton Hoo Lakes)	River	Thames	England	Hertfordshire and North London	Dissolved oxygen	-		Dissolved oxygen (DO)	Point source	Pollution from waste water	Probable	Sewage discharge (intermittent)	Probable	Water Industry		Probable	Poor	Lee (from Luton to Luton Hoo Lakes)
	2014 GB106038033391 Lee (from Luton to Luton Hoo Lakes) 2014 GB106038033392 Lee (from Luton Hoo Lakes to Hertfor		Thames Thames		Hertfordshire and North London Hertfordshire and North London	Hydrological Regime Phosphate			Abstraction and flow Phosphate	Flow Point source	Changes to the natural flow and levels of water Pollution from waste water	Confirmed Confirmed	Groundwater abstraction Sewage discharge (continuous)	Confirmed Confirmed	Water Industry Water Industry	Water supply	Confirmed Confirmed	Does Not Support Good Poor	Lee (from Luton to Luton Hoo Lakes) Lee (from Luton Hoo Lakes to Hertford)
487655	2014 GB106039029920 Ver	River	Thames	England	Hertfordshire and North London	Hydrological Regime			Abstraction and flow	Flow	Changes to the natural flow and levels of water	Confirmed	Groundwater abstraction	Confirmed	Water Industry	Water supply	Confirmed	Does Not Support Good	Ver
	2014 GB106039029900 Gade (Upper stretch Great Gaddesd		Thames		Hertfordshire and North London	Hydrological Regime	II. dealers	No	Abstraction and flow	Flow	Changes to the natural flow and levels of water		Groundwater abstraction	Confirmed		Water supply	Confirmed	Does Not Support Good	Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC)
	2014 GB106039029900 Gade (Upper stretch Great Gaddesd 2014 GB106039029900 Gade (Upper stretch Great Gaddesd		Thames Thames		Hertfordshire and North London Hertfordshire and North London	Macrophytes and Phytobenthos Combined Macrophytes and Phytobenthos Combined		Not applicable Not applicable	Abstraction and flow Abstraction and flow	Flow Flow	Changes to the natural flow and levels of water Changes to the natural flow and levels of water		Groundwater abstraction Surface water abstraction	Confirmed Confirmed	Water Industry Industry	Water supply	Confirmed Confirmed	Bad Bad	Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC) Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC)
507203	2014 GB106039029900 Gade (Upper stretch Great Gaddesd	en River	Thames	England	Hertfordshire and North London	Macrophytes and Phytobenthos Combined	Hydrology	Not applicable	Abstraction and flow	Flow	Changes to the natural flow and levels of water	Confirmed	Impoundment - no water storage	Confirmed	Local and Central Government	Environment, Farming, Rur	al Confirmed	Bad	Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC)
507204	2014 GB106039029900 Gade (Upper stretch Great Gaddesd	en River	Thames	England	Hertfordshire and North London	Macrophytes and Phytobenthos Combined	Sediment	Not applicable	Fine sediment	Flow	Changes to the natural flow and levels of water	Confirmed	Impoundment - no water storage	Confirmed	Local and Central Government	Environment, Farming, Rur	al Confirmed	Bad	Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC)
	2014 GB106039029900 Gade (Upper stretch Great Gaddesd 2014 GB106039029900 Gade (Upper stretch Great Gaddesd				Hertfordshire and North London Hertfordshire and North London	Macrophytes and Phytobenthos Combined Macrophytes and Phytobenthos Combined		Not applicable Not applicable	Physical modification Fine sediment	Physical modification Physical modification	Physical modifications Physical modifications	Confirmed Confirmed	Urbanisation - urban development Urbanisation - urban development	Confirmed Confirmed		Urban Urban	Confirmed Confirmed	Bad Bad	Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC) Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC)
	2014 GB106038033392 Lee (from Luton Hoo Lakes to Hertfor				Hertfordshire and North London	Phosphate			Phosphate	Point source	Pollution from waste water	Probable	Sewage discharge (intermittent)	Probable		Other (not in list)	Probable	Poor	Lee (from Luton Hoo Lakes to Hertford)