

Hampshire Water Transfer and Water Recycling Project

Environmental Statement – Appendix 6.8 Construction Road vehicle exhaust emissions assessment – ecological features results – acid deposition

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**Southern
Water** 

The Southern Water logo graphic consists of three stylized, wavy blue lines of varying lengths, positioned to the right of the text 'Southern Water'.

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1 Construction road vehicle exhaust emissions assessment – ecological features transects results – acid deposition

1.1 Introduction

- 1.1.1 This appendix to the Hampshire Water Transfer and Water Recycling Project (hereafter referred to as the 'Proposed Development') Environmental Statement (ES) supports ES Chapter 6 Air quality and odour, Volume I (Document reference 6.1, DCO Volume 6).
- 1.1.2 The purpose of this appendix is to provide the full results for each ecological receptor transects detailed in Table 6-28 of ES Chapter 6 Air quality and odour, Volume I (Document reference 6.1, DCO Volume 6).

1.2 Acid deposition Critical Loads

- 1.2.1 Table 1-1 presents the potential contribution of the Proposed Development (i.e. Proposed Development's construction) and the cumulative contribution (i.e. Proposed Development traffic, cumulatively with committed developments, projects and plans), respectively, for ecological receptor transects reported in Table 6-28 of ES Chapter 6 Air quality and odour, Volume I (Document reference 6.1, DCO Volume 6) in relation to acid deposition.
- 1.2.2 Predicted total pollutant concentrations (including the relevant background pollutant concentrations) at the ecological receptor locations alone and cumulatively are detailed in Table 1-1. Values in exceedance of 100% of the Critical Load (CLo) are shown in bold text.

Table 1-1 Acid deposition Critical Load results

Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
Eastleigh Borough Council											
Pitmore Copse (West)	Ancient Woodland (AW), Sites of Importance for Nature Conservation (SINC)	AW 1489875 1 8.5m	0.01	0.02	2.47%	0.59%	7.37%	1.76%	1.93	676.04%	160.96%
		AW 1489875 1 18.5m	0.01	0.02	2.06%	0.49%	6.27%	1.49%	1.92	674.93%	160.70%
		AW 1489875 1 28.5m	0.01	0.02	1.77%	0.42%	5.44%	1.30%	1.92	674.11%	160.50%
		AW 1489875 1 38.5m	<0.01	0.01	1.60%	0.38%	4.85%	1.15%	1.92	673.51%	160.36%
		AW 1489875 1 48.5m	<0.01	0.01	1.47%	0.35%	4.42%	1.05%	1.92	673.09%	160.26%
		AW 1489875 1 58.5m	<0.01	0.01	1.23%	0.29%	3.99%	0.95%	1.92	672.66%	160.16%
		AW 1489875 1 68.5m	<0.01	0.01	1.14%	0.27%	3.69%	0.88%	1.92	672.35%	160.08%
AW 1489875 1 78.5m	<0.01	0.01	1.14%	0.27%	3.42%	0.81%	1.92	672.08%	160.02%		
Fielders Farm Meadows (Winchester)	SINC	SINC WC0682_1_3.1m	0.01	0.09	0.52%	0.11%	8.09%	1.71%	1.11	103.86%	21.94%
Hill Copse	AW, SINC	AW 1488698 1 89m	<0.01	0.01	0.31%	0.04%	2.77%	0.31%	1.86	519.77%	59.11%
		AW 1488698 1 99m	<0.01	0.01	0.24%	0.03%	2.54%	0.29%	1.85	519.54%	59.09%
		AW 1488698 1 109m	<0.01	0.01	0.29%	0.03%	2.34%	0.27%	1.85	519.34%	59.07%
		AW 1488698 1 119m	<0.01	0.01	0.22%	0.03%	2.16%	0.25%	1.85	519.17%	59.05%
		AW 1488698 1 129m	<0.01	0.01	0.21%	0.02%	2.06%	0.23%	1.85	519.07%	59.03%
		AW 1488698 1 139m	<0.01	0.01	0.21%	0.02%	1.92%	0.22%	1.85	518.92%	59.02%
		AW 1488698 1 149m	<0.01	0.01	0.26%	0.03%	1.85%	0.21%	1.85	518.85%	59.01%
		AW 1488698 1 159m	<0.01	0.01	0.19%	0.02%	1.72%	0.20%	1.85	518.72%	58.99%
		AW 1488698 1 169m	<0.01	0.01	0.19%	0.02%	1.66%	0.19%	1.85	518.67%	58.99%
		AW 1488698 1 179m	<0.01	0.01	0.19%	0.02%	1.61%	0.18%	1.85	518.61%	58.98%
		AW 1488698 1 189m	<0.01	0.01	0.18%	0.02%	1.51%	0.17%	1.85	518.51%	58.97%
		AW 1488698 1 199m	<0.01	0.01	0.18%	0.02%	1.47%	0.17%	1.85	518.47%	58.97%
Pitmore Copse	AW, SINC	AW 1488025 1 27m	0.01	0.02	2.27%	0.28%	5.51%	0.68%	1.91	533.72%	65.77%
		AW 1488025 1 37m	0.01	0.02	1.99%	0.25%	4.96%	0.61%	1.90	533.17%	65.70%
		AW 1488025 1 47m	0.01	0.02	1.77%	0.22%	4.51%	0.56%	1.90	532.72%	65.65%
		AW 1488025 1 57m	0.01	0.01	1.58%	0.20%	4.18%	0.51%	1.90	532.39%	65.61%
		AW 1488025 1 67m	0.01	0.01	1.48%	0.18%	3.89%	0.48%	1.90	532.10%	65.57%
		AW 1488025 1 77m	<0.01	0.01	1.39%	0.17%	3.64%	0.45%	1.90	531.85%	65.54%
		AW 1488025 1 87m	<0.01	0.01	1.26%	0.15%	3.42%	0.42%	1.90	531.62%	65.51%
		AW 1488025 1 97m	<0.01	0.01	1.13%	0.14%	3.15%	0.39%	1.90	531.36%	65.48%
		AW 1488025 1 107m	<0.01	0.01	1.14%	0.14%	3.03%	0.37%	1.90	531.23%	65.46%
		AW 1488025 1 117m	<0.01	0.01	1.03%	0.13%	2.85%	0.35%	1.90	531.06%	65.44%
		AW 1488025 1 127m	<0.01	0.01	0.98%	0.12%	2.75%	0.34%	1.90	530.96%	65.43%
		AW 1488025 1 137m	<0.01	0.01	0.94%	0.12%	2.60%	0.32%	1.89	530.81%	65.41%
		AW 1488025 1 147m	<0.01	0.01	0.91%	0.11%	2.52%	0.31%	1.89	530.72%	65.40%
		AW 1488025 1 157m	<0.01	0.01	0.82%	0.10%	2.38%	0.29%	1.89	530.59%	65.39%
		AW 1488025 1 167m	<0.01	0.01	0.85%	0.10%	2.31%	0.28%	1.89	530.52%	65.38%
Crowdhill Copse	SINC	SINC EA0089 1 62.1m	<0.01	0.01	0.62%	0.06%	9.79%	0.96%	1.83	1288.45%	126.88%
		SINC EA0089 1 72.1m	<0.01	0.01	0.57%	0.06%	8.71%	0.86%	1.83	1287.38%	126.77%
		SINC EA0089 1 82.1m	<0.01	0.01	0.54%	0.05%	7.97%	0.78%	1.83	1286.63%	126.70%
		SINC EA0089 1 92.1m	<0.01	0.01	0.51%	0.05%	7.20%	0.71%	1.83	1285.87%	126.62%

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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC EA0089 1 102.1m	<0.01	0.01	0.49%	0.05%	6.68%	0.66%	1.83	1285.34%	126.57%
		SINC EA0089 1 112.1m	<0.01	0.01	0.47%	0.05%	6.21%	0.61%	1.82	1284.87%	126.53%
		SINC EA0089 1 122.1m	<0.01	0.01	0.31%	0.03%	5.80%	0.57%	1.82	1284.46%	126.49%
		SINC EA0089 1 132.1m	<0.01	0.01	0.44%	0.04%	5.57%	0.55%	1.82	1284.23%	126.46%
		SINC EA0089 1 142.1m	<0.01	0.01	0.29%	0.03%	5.23%	0.52%	1.82	1283.89%	126.43%
		SINC EA0089 1 152.1m	<0.01	0.01	0.42%	0.04%	5.06%	0.50%	1.82	1283.72%	126.41%
		SINC EA0089 1 162.1m	<0.01	0.01	0.41%	0.04%	4.91%	0.48%	1.82	1283.57%	126.40%
		SINC EA0089 1 172.1m	<0.01	0.01	0.40%	0.04%	4.63%	0.46%	1.82	1283.29%	126.37%
		SINC EA0089 1 182.1m	<0.01	0.01	0.25%	0.02%	4.36%	0.43%	1.82	1283.02%	126.34%
		SINC EA0089 1 192.1m	<0.01	0.01	0.39%	0.04%	4.40%	0.43%	1.82	1283.06%	126.35%
Chestnut Gully Wood	SINC	SINC EA0102 1 190m	<0.01	0.01	0.19%	0.02%	2.31%	0.26%	1.86	522.11%	59.34%
		SINC EA0102 1 200m	<0.01	0.01	0.19%	0.02%	2.24%	0.25%	1.86	522.05%	59.33%
Pitmore Copse (West)	AW, SINC	AW 1489875 2 15.8m	<0.01	0.01	1.13%	0.14%	3.41%	0.42%	1.90	531.61%	65.51%
		AW 1489875 2 25.8m	<0.01	0.01	1.01%	0.12%	3.01%	0.37%	1.90	531.22%	65.46%
		AW 1489875 2 35.8m	<0.01	0.01	0.93%	0.11%	2.74%	0.34%	1.90	530.95%	65.43%
		AW 1489875 2 45.8m	<0.01	0.01	0.81%	0.10%	2.46%	0.30%	1.89	530.67%	65.39%
		AW 1489875 2 55.8m	<0.01	0.01	0.75%	0.09%	2.32%	0.29%	1.89	530.53%	65.38%
		AW 1489875 2 65.8m	<0.01	0.01	0.65%	0.08%	2.15%	0.26%	1.89	530.36%	65.36%
		AW 1489875 2 75.8m	<0.01	0.01	0.67%	0.12%	2.05%	0.36%	1.91	535.86%	94.47%
Gore Copse	SINC	SINC EA0110 1 9.7m	<0.01	0.11	1.64%	0.08%	77.96%	3.78%	1.91	1342.54%	65.04%
		SINC EA0110 1 19.7m	<0.01	0.07	1.08%	0.05%	48.82%	2.36%	1.87	1313.39%	63.63%
		SINC EA0110 1 29.7m	<0.01	0.05	0.90%	0.04%	36.09%	1.75%	1.85	1300.67%	63.01%
		SINC EA0110 1 39.7m	<0.01	0.04	0.65%	0.03%	28.62%	1.39%	1.84	1293.19%	62.65%
		SINC EA0110 1 49.7m	<0.01	0.03	0.59%	0.03%	24.06%	1.17%	1.83	1288.63%	62.43%
		SINC EA0110 1 59.7m	<0.01	0.03	0.54%	0.03%	20.68%	1.00%	1.83	1285.25%	62.27%
		SINC EA0110 1 69.7m	<0.01	0.03	0.51%	0.02%	18.21%	0.88%	1.82	1282.79%	62.15%
		SINC EA0110 1 79.7m	<0.01	0.02	0.48%	0.02%	16.44%	0.80%	1.82	1281.02%	62.06%
Knowle Lane Open Space	SINC	SINC EA0116 1 85.2m	<0.01	0.02	0.46%	0.02%	16.64%	0.82%	1.82	1281.21%	63.13%
		SINC EA0116 1 95.2m	<0.01	0.02	0.44%	0.02%	15.09%	0.74%	1.82	1279.67%	63.05%
		SINC EA0116 1 105.2m	<0.01	0.02	0.42%	0.02%	13.88%	0.68%	1.82	1278.46%	62.99%
		SINC EA0116 1 115.2m	<0.01	0.02	0.26%	0.01%	12.83%	0.63%	1.81	1277.40%	62.94%
		SINC EA0116 1 125.2m	<0.01	0.02	0.39%	0.02%	11.89%	0.59%	1.81	1276.46%	62.89%
		SINC EA0116 1 135.2m	<0.01	0.02	0.23%	0.01%	11.04%	0.54%	1.81	1275.61%	62.85%
		SINC EA0116 1 145.2m	<0.01	0.01	0.22%	0.01%	10.40%	0.51%	1.81	1274.98%	62.82%
		SINC EA0116 1 155.2m	<0.01	0.01	0.22%	0.01%	9.83%	0.48%	1.81	1274.41%	62.79%
		SINC EA0116 1 165.2m	<0.01	0.01	0.35%	0.02%	9.31%	0.46%	1.81	1273.89%	62.77%
		SINC EA0116 1 175.2m	<0.01	0.01	0.35%	0.02%	8.83%	0.43%	1.81	1273.41%	62.74%
River Itchen	Site of Special Scientific	SSSI SU476240 1 0.2m	0.01	0.25	1.43%	0.06%	71.22%	2.88%	2.09	585.42%	23.67%
		SSSI SU476240 1 10.2m	<0.01	0.10	0.63%	0.03%	28.49%	1.15%	1.94	542.69%	21.95%

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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
Interest (SSSI)	SSSI	SU476240_1_20.2m	<0.01	0.06	0.41%	0.02%	18.10%	0.73%	1.90	532.30%	21.53%
		SU476240_1_30.2m	<0.01	0.05	0.28%	0.01%	13.27%	0.54%	1.88	527.47%	21.33%
		SU476240_1_40.2m	<0.01	0.04	0.24%	0.01%	10.52%	0.43%	1.87	524.72%	21.22%
		SU476240_1_50.2m	<0.01	0.03	0.28%	0.01%	8.76%	0.35%	1.87	522.96%	21.15%
		SU476240_1_60.2m	<0.01	0.03	0.20%	0.01%	7.45%	0.30%	1.86	521.66%	21.10%
		SU476240_1_70.2m	<0.01	0.02	0.13%	0.01%	6.49%	0.26%	1.86	520.70%	21.06%
		SU476240_1_80.2m	<0.01	0.02	0.17%	0.01%	5.75%	0.23%	1.86	519.95%	21.03%
		SU476240_1_90.2m	<0.01	0.02	0.17%	0.01%	5.22%	0.21%	1.85	519.43%	21.01%
		SU476240_1_100.2m	<0.01	0.02	0.16%	0.01%	4.72%	0.19%	1.85	518.92%	20.98%
		SU476240_1_110.2m	<0.01	0.02	0.15%	0.01%	4.39%	0.18%	1.85	518.59%	20.97%
		SU476240_1_120.2m	<0.01	0.01	0.15%	0.01%	4.04%	0.16%	1.85	518.24%	20.96%
		SU476240_1_130.2m	<0.01	0.01	0.09%	<0.01%	3.73%	0.15%	1.85	517.93%	20.94%
		SU476240_1_140.2m	<0.01	0.01	0.14%	0.01%	3.50%	0.14%	1.85	517.70%	20.94%
		SU476240_1_150.2m	<0.01	0.01	0.14%	0.01%	3.30%	0.13%	1.85	517.50%	20.93%
		SU476240_1_160.2m	<0.01	0.01	0.14%	0.01%	3.11%	0.13%	1.85	517.31%	20.92%
		SU476240_1_170.2m	<0.01	0.01	0.08%	<0.01%	2.94%	0.12%	1.83	511.54%	20.69%
SU476240_1_180.2m	<0.01	0.01	0.07%	<0.01%	2.78%	0.11%	1.83	511.38%	20.68%		
SU476240_1_190.2m	<0.01	0.01	0.13%	0.01%	2.69%	0.11%	1.83	511.29%	20.68%		
SU476240_1_200.2m	<0.01	0.01	0.13%	0.01%	2.55%	0.10%	1.82	511.15%	20.67%		
Ashtrim Nurseries	SINC	SINC EA0137_1_4.5m	<0.01	0.09	NC	NC	NC	NC	1.11	NC	NC
		SINC EA0137_1_14.5m	<0.01	0.05	NC	NC	NC	NC	1.07	NC	NC
		SINC EA0137_1_24.5m	<0.01	0.03	NC	NC	NC	NC	1.05	NC	NC
		SINC EA0137_1_34.5m	<0.01	0.03	NC	NC	NC	NC	1.04	NC	NC
		SINC EA0137_1_44.5m	<0.01	0.02	NC	NC	NC	NC	1.04	NC	NC
		SINC EA0137_1_54.5m	<0.01	0.02	NC	NC	NC	NC	1.03	NC	NC
SINC EA0137_1_64.5m	<0.01	0.02	NC	NC	NC	NC	1.03	NC	NC		

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			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC EA0137 1 74.5m	<0.01	0.01	NC	NC	NC	NC	1.03	NC	NC
		SINC EA0137 1 84.5m	<0.01	0.01	NC	NC	NC	NC	1.03	NC	NC
Swamp west of Recreation Grounds	SINC	SINC EA0028 1 0.4m	<0.01	0.23	3.41%	0.34%	162.24%	15.99%	2.07	1454.98%	143.38%
		SINC EA0028 1 10.4m	<0.01	0.09	1.46%	0.14%	65.30%	6.44%	1.93	1358.05%	133.83%
		SINC EA0028 1 20.4m	<0.01	0.06	0.96%	0.09%	41.01%	4.04%	1.89	1333.76%	131.43%
		SINC EA0028 1 30.4m	<0.01	0.04	0.66%	0.06%	29.79%	2.94%	1.88	1322.53%	130.33%
		SINC EA0028 1 40.4m	<0.01	0.03	0.56%	0.06%	23.24%	2.29%	1.87	1315.99%	129.68%
		SINC EA0028 1 50.4m	<0.01	0.03	0.50%	0.05%	19.00%	1.87%	1.86	1311.75%	129.26%
		SINC EA0028 1 60.4m	<0.01	0.02	0.46%	0.05%	16.05%	1.58%	1.86	1308.80%	128.97%
		SINC EA0028 1 70.4m	<0.01	0.02	0.43%	0.04%	13.78%	1.36%	1.86	1306.53%	128.75%
		SINC EA0028 1 80.4m	<0.01	0.02	0.41%	0.04%	12.15%	1.20%	1.85	1304.89%	128.59%
		SINC EA0028 1 90.4m	<0.01	0.02	0.24%	0.02%	10.62%	1.05%	1.85	1303.36%	128.44%
		SINC EA0028 1 100.4m	<0.01	0.01	0.23%	0.02%	9.55%	0.94%	1.85	1302.30%	128.33%
		SINC EA0028 1 110.4m	<0.01	0.01	0.22%	0.02%	8.62%	0.85%	1.85	1301.36%	128.24%
		SINC EA0028 1 120.4m	<0.01	0.01	0.20%	0.02%	7.78%	0.77%	1.85	1300.53%	128.16%
		SINC EA0028 1 130.4m	<0.01	0.01	0.20%	0.02%	7.18%	0.71%	1.85	1299.92%	128.10%
		SINC EA0028 1 140.4m	<0.01	0.01	0.19%	0.02%	6.63%	0.65%	1.85	1299.38%	128.04%
		SINC EA0028 1 150.4m	<0.01	0.01	0.18%	0.02%	5.99%	0.59%	1.84	1298.74%	127.98%
		SINC EA0028 1 160.4m	<0.01	0.01	0.17%	0.02%	5.55%	0.55%	1.84	1298.29%	127.94%
		SINC EA0028 1 170.4m	<0.01	0.01	0.17%	0.02%	5.28%	0.52%	1.84	1298.02%	127.91%
		SINC EA0028 1 180.4m	<0.01	0.01	0.17%	0.02%	4.89%	0.48%	1.84	1297.64%	127.87%
		SINC EA0028 1 190.4m	<0.01	0.01	0.16%	0.02%	4.54%	0.45%	1.84	1297.28%	127.84%
SINC EA0028 1 200.4m	<0.01	0.01	0.30%	0.03%	4.35%	0.43%	1.84	1297.09%	127.82%		
Stoke Park Wood	AW, SINC	SINC EA0073 1 19.1m	<0.01	0.06	1.00%	0.10%	42.82%	4.22%	1.86	1307.40%	128.83%
		SINC EA0073 1 29.1m	<0.01	0.04	0.67%	0.07%	30.92%	3.05%	1.84	1295.50%	127.66%
		SINC EA0073 1 39.1m	<0.01	0.03	0.58%	0.06%	24.05%	2.37%	1.83	1288.63%	126.99%
		SINC EA0073 1 49.1m	<0.01	0.03	0.51%	0.05%	19.82%	1.95%	1.82	1284.39%	126.57%
		SINC EA0073 1 59.1m	<0.01	0.02	0.47%	0.05%	16.97%	1.67%	1.82	1281.54%	126.29%
		SINC EA0073 1 69.1m	<0.01	0.02	0.29%	0.03%	14.54%	1.43%	1.82	1279.12%	126.05%
		SINC EA0073 1 79.1m	<0.01	0.02	0.41%	0.04%	12.91%	1.27%	1.81	1277.49%	125.89%
		SINC EA0073 1 89.1m	<0.01	0.02	0.25%	0.02%	11.54%	1.14%	1.81	1276.11%	125.75%
		SINC EA0073 1 99.1m	<0.01	0.02	0.38%	0.04%	10.63%	1.05%	1.81	1275.21%	125.66%
		SINC EA0073 1 109.1m	<0.01	0.01	0.37%	0.04%	9.71%	0.96%	1.81	1274.29%	125.57%
		SINC EA0073 1 119.1m	<0.01	0.01	0.21%	0.02%	8.90%	0.88%	1.81	1273.47%	125.49%
		SINC EA0073 1 129.1m	<0.01	0.01	0.35%	0.03%	8.31%	0.82%	1.81	1272.88%	125.43%
		SINC EA0073 1 139.1m	<0.01	0.01	0.34%	0.03%	7.78%	0.77%	1.83	1286.44%	126.68%
		SINC EA0073 1 149.1m	<0.01	0.01	0.19%	0.02%	7.15%	0.70%	1.83	1285.81%	126.62%
		SINC EA0073 1 159.1m	<0.01	0.01	0.33%	0.03%	6.86%	0.68%	1.83	1285.52%	126.59%
		SINC EA0073 1 169.1m	<0.01	0.01	0.32%	0.03%	6.46%	0.64%	1.82	1285.12%	126.55%
SINC EA0073 1 179.1m	<0.01	0.01	0.32%	0.03%	6.23%	0.61%	1.82	1284.89%	126.53%		
SINC EA0073 1 189.1m	<0.01	0.01	0.32%	0.03%	5.88%	0.58%	1.82	1284.54%	126.49%		
SINC EA0073 1 199.1m	<0.01	0.01	0.17%	0.02%	5.55%	0.55%	1.82	1284.21%	126.46%		
	SINC	SINC EA0097 1 0m	0.01	0.12	0.78%	0.16%	11.53%	2.43%	1.15	107.30%	22.66%
		SINC EA0097 1 30m	<0.01	0.02	0.31%	0.07%	2.30%	0.49%	1.05	98.07%	20.71%

Hampshire Water Transfer and Water Recycling Project
 Environmental Statement – Appendix 6.8 Construction road vehicle exhaust emissions assessment – Full ecological transect results – Acid deposition

Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
Fielders Farm Meadows (Eastleigh)		SINC EA0097 1 40m	<0.01	0.02	0.21%	0.04%	1.79%	0.38%	1.04	97.56%	20.60%
		SINC EA0097 1 50m	<0.01	0.02	0.18%	0.04%	1.49%	0.32%	1.04	97.26%	20.54%
		SINC EA0097 1 60m	<0.01	0.01	0.18%	0.04%	1.30%	0.28%	1.04	97.07%	20.50%
		SINC EA0097 1 80m	<0.01	0.01	0.20%	0.04%	1.08%	0.23%	1.04	96.85%	20.45%
		SINC EA0097 1 90m	<0.01	0.01	0.14%	0.03%	0.95%	0.20%	1.04	96.72%	20.43%
		SINC EA0097 1 100m	<0.01	0.01	0.13%	0.03%	0.86%	0.18%	1.03	96.63%	20.41%
		SINC EA0097 1 110m	<0.01	0.01	0.12%	0.03%	0.79%	0.17%	1.03	96.56%	20.39%
		SINC EA0097 1 120m	<0.01	0.01	0.10%	0.02%	0.73%	0.15%	1.03	96.50%	20.38%
		SINC EA0097 1 130m	<0.01	0.01	0.10%	0.02%	0.69%	0.14%	1.03	96.46%	20.37%
		SINC EA0097 1 140m	<0.01	0.01	0.10%	0.02%	0.65%	0.14%	1.03	96.42%	20.36%
		SINC EA0097 1 150m	<0.01	0.01	0.10%	0.02%	0.61%	0.13%	1.03	96.38%	20.36%
		SINC EA0097 1 160m	<0.01	0.01	0.10%	0.02%	0.59%	0.13%	1.03	96.36%	20.35%
		SINC EA0097 1 170m	<0.01	0.01	0.11%	0.02%	0.58%	0.12%	1.03	96.35%	20.35%
SINC EA0097 1 180m	<0.01	0.01	0.13%	0.03%	0.57%	0.12%	1.03	96.34%	20.35%		
The Mount, Fair Oak and Horton Heath	AW, SINC	SINC EA0098 1 164m	<0.01	0.01	0.96%	0.11%	3.31%	0.38%	1.87	523.11%	59.46%
		SINC EA0098 1 174m	<0.01	0.01	0.61%	0.07%	2.83%	0.32%	1.87	522.63%	59.40%
		SINC EA0098 1 184m	<0.01	0.01	0.49%	0.06%	2.63%	0.30%	1.87	522.44%	59.38%
		SINC EA0098 1 194m	<0.01	0.01	0.45%	0.05%	2.53%	0.29%	1.86	522.34%	59.37%
		SINC EA0098 1 204m	<0.01	0.01	0.37%	0.04%	2.34%	0.27%	1.86	522.14%	59.35%
River Itchen	Special Area of Conservation (SAC), SSSI	SAC UK0012599 1 0m	<0.01	0.24	1.34%	0.05%	67.08%	2.71%	2.08	581.28%	23.51%
		SAC UK0012599 1 10m	<0.01	0.10	0.54%	0.02%	26.94%	1.09%	1.93	541.14%	21.88%
		SAC UK0012599 1 20m	<0.01	0.06	0.33%	0.01%	16.93%	0.68%	1.90	531.14%	21.48%
		SAC UK0012599 1 30m	<0.01	0.04	0.27%	0.01%	12.31%	0.50%	1.88	526.51%	21.29%
		SAC UK0012599 1 40m	<0.01	0.03	0.29%	0.01%	9.69%	0.39%	1.87	523.89%	21.19%
		SAC UK0012599 1 50m	<0.01	0.03	0.21%	0.01%	7.90%	0.32%	1.86	522.10%	21.11%
		SAC UK0012599 1 60m	<0.01	0.02	0.19%	0.01%	6.63%	0.27%	1.86	520.83%	21.06%
		SAC UK0012599 1 70m	<0.01	0.02	0.17%	0.01%	5.69%	0.23%	1.86	519.89%	21.02%
		SAC UK0012599 1 80m	<0.01	0.02	0.16%	0.01%	5.02%	0.20%	1.85	519.22%	21.00%
		SAC UK0012599 1 90m	<0.01	0.02	0.10%	<0.01%	4.39%	0.18%	1.85	518.59%	20.97%
		SAC UK0012599 1 100m	<0.01	0.01	0.15%	0.01%	3.95%	0.16%	1.85	518.15%	20.95%
		SAC UK0012599 1 110m	<0.01	0.01	0.14%	0.01%	3.56%	0.14%	1.85	517.76%	20.94%
		SAC UK0012599 1 120m	<0.01	0.01	0.08%	<0.01%	3.16%	0.13%	1.85	517.36%	20.92%
		SAC UK0012599 1 130m	<0.01	0.01	0.14%	0.01%	2.97%	0.12%	1.85	517.17%	20.91%
SAC UK0012599 1 140m	<0.01	0.01	0.08%	<0.01%	2.69%	0.11%	1.85	516.89%	20.90%		
Fareham Borough Council											
Blakes Copse	AW, SINC	AW 1488004 1 8.6m	<0.01	-0.04	2.72%	0.13%	-30.35%	-1.48%	1.64	1156.77%	56.60%
		AW 1488004 1 18.6m	<0.01	-0.03	1.64%	0.08%	-18.10%	-0.89%	1.66	1169.01%	57.20%
		AW 1488004 1 28.6m	<0.01	-0.02	1.16%	0.06%	-12.89%	-0.63%	1.67	1174.22%	57.46%
		AW 1488004 1 38.6m	<0.01	-0.01	0.97%	0.05%	-10.01%	-0.49%	1.67	1177.10%	57.60%
		AW 1488004 1 48.6m	<0.01	-0.01	0.86%	0.04%	-8.06%	-0.39%	1.67	1179.06%	57.69%

Hampshire Water Transfer and Water Recycling Project
 Environmental Statement – Appendix 6.8 Construction road vehicle exhaust emissions assessment – Full ecological transect results – Acid deposition

Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		AW 1488004 1 58.6m	<0.01	-0.01	0.63%	0.03%	-6.81%	-0.33%	1.68	1180.30%	57.75%
		AW 1488004 1 68.6m	<0.01	-0.01	0.57%	0.03%	-5.83%	-0.29%	1.68	1181.29%	57.80%
Havant Borough Council											
Chichester and Langstone Harbours	Ramsar, SAC, SPA, SSSI	Ramsar UK11013 1 159.3m	<0.01	<0.01	0.06%	0.01%	0.14%	0.03%	0.86	80.04%	16.90%
		Ramsar UK11013 1 169.3m	<0.01	<0.01	0.05%	0.01%	0.13%	0.03%	0.86	80.03%	16.90%
		Ramsar UK11013 1 179.3m	<0.01	<0.01	0.05%	0.01%	0.13%	0.03%	0.86	80.02%	16.90%
		Ramsar UK11013 1 189.3m	<0.01	<0.01	0.05%	0.01%	0.12%	0.03%	0.86	80.02%	16.90%
		Ramsar UK11013 1 199.3m	<0.01	<0.01	0.04%	0.01%	0.11%	0.02%	0.86	80.01%	16.90%
Fort Purbrook Paddock 1 (Havant)	SINC	SINC HV0006 1 73m	<0.01	0.01	0.05%	0.01%	0.67%	0.14%	0.90	84.30%	17.80%
		SINC HV0006 1 83m	<0.01	0.01	0.05%	0.01%	0.60%	0.13%	0.90	84.23%	17.79%
		SINC HV0006 1 93m	<0.01	0.01	0.04%	0.01%	0.54%	0.11%	0.90	84.17%	17.78%
		SINC HV0006 1 103m	<0.01	0.01	0.04%	0.01%	0.50%	0.10%	0.90	84.13%	17.77%
		SINC HV0006 1 113m	<0.01	<0.01	0.04%	0.01%	0.46%	0.10%	0.90	84.09%	17.76%
		SINC HV0006 1 123m	<0.01	<0.01	0.03%	0.01%	0.42%	0.09%	0.90	84.05%	17.75%
		SINC HV0006 1 133m	<0.01	<0.01	0.02%	0.01%	0.40%	0.08%	0.90	84.03%	17.75%
		SINC HV0006 1 143m	<0.01	<0.01	0.03%	0.01%	0.37%	0.08%	0.90	84.00%	17.74%
		SINC HV0006 1 153m	<0.01	<0.01	0.03%	0.01%	0.36%	0.08%	0.90	83.99%	17.74%
		SINC HV0006 1 163m	<0.01	<0.01	0.02%	<0.01%	0.33%	0.07%	0.90	83.96%	17.73%
		SINC HV0006 1 173m	<0.01	<0.01	0.03%	0.01%	0.32%	0.07%	0.90	83.95%	17.73%
		SINC HV0006 1 183m	<0.01	<0.01	0.03%	0.01%	0.31%	0.07%	0.90	83.94%	17.73%
		SINC HV0006 1 193m	<0.01	<0.01	0.03%	0.01%	0.30%	0.06%	0.90	83.93%	17.73%
SINC HV0006 1 203m	<0.01	<0.01	0.02%	<0.01%	0.28%	0.06%	0.90	83.91%	17.72%		
Fields off Havant Road	SINC	SINC HV0027 1 3.1m	<0.01	0.05	0.18%	0.04%	4.21%	0.89%	0.93	86.90%	18.35%
		SINC HV0027 1 13.1m	<0.01	0.02	0.10%	0.02%	2.02%	0.43%	0.91	84.72%	17.89%
		SINC HV0027 1 23.1m	<0.01	0.01	0.07%	0.01%	1.34%	0.28%	0.90	84.04%	17.75%
		SINC HV0027 1 33.1m	<0.01	0.01	0.05%	0.01%	1.02%	0.21%	0.90	83.72%	17.68%
		SINC HV0027 1 43.1m	<0.01	0.01	0.04%	0.01%	0.82%	0.17%	0.89	83.51%	17.64%
		SINC HV0027 1 53.1m	<0.01	0.01	0.04%	0.01%	0.69%	0.14%	0.89	83.38%	17.61%
		SINC HV0027 1 63.1m	<0.01	0.01	0.03%	0.01%	0.59%	0.13%	0.89	83.29%	17.59%
		SINC HV0027 1 73.1m	<0.01	0.01	0.03%	0.01%	0.52%	0.11%	0.89	83.22%	17.58%
		SINC HV0027 1 83.1m	<0.01	0.01	0.02%	<0.01%	0.47%	0.10%	0.89	83.17%	17.57%
		SINC HV0027 1 93.1m	<0.01	<0.01	0.02%	<0.01%	0.43%	0.09%	0.89	83.13%	17.56%
		SINC HV0027 1 103.1m	<0.01	<0.01	0.02%	<0.01%	0.39%	0.08%	0.89	83.09%	17.55%
		SINC HV0027 1 113.1m	<0.01	<0.01	0.02%	0.01%	0.37%	0.08%	0.89	83.07%	17.54%
		SINC HV0027 1 123.1m	<0.01	<0.01	0.01%	<0.01%	0.34%	0.07%	0.89	83.04%	17.54%
		SINC HV0027 1 133.1m	<0.01	<0.01	0.01%	<0.01%	0.31%	0.07%	0.89	83.01%	17.53%
		SINC HV0027 1 143.1m	<0.01	<0.01	0.02%	<0.01%	0.30%	0.06%	0.89	83.00%	17.53%
SINC HV0027 1 153.1m	<0.01	<0.01	0.01%	<0.01%	0.28%	0.06%	0.89	82.97%	17.52%		
SINC HV0027 1 163.1m	<0.01	<0.01	0.01%	<0.01%	0.26%	0.06%	0.89	82.96%	17.52%		
SINC HV0027 1 173.1m	<0.01	<0.01	0.01%	<0.01%	0.25%	0.05%	0.89	82.94%	17.52%		

Hampshire Water Transfer and Water Recycling Project
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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC HV0027 1 183.1m	<0.01	<0.01	0.02%	<0.01%	0.25%	0.05%	0.89	82.94%	17.52%
		SINC HV0027 1 193.1m	<0.01	<0.01	0.01%	<0.01%	0.23%	0.05%	0.89	82.93%	17.51%
St Faith's Churchyard	SINC	SINC HV0150 1 153m	<0.01	<0.01	<0.01%	<0.01%	0.23%	0.05%	0.86	80.13%	16.92%
		SINC HV0150 1 163m	<0.01	<0.01	<0.01%	<0.01%	0.21%	0.04%	0.86	80.11%	16.92%
		SINC HV0150 1 173m	<0.01	<0.01	<0.01%	<0.01%	0.20%	0.04%	0.86	80.10%	16.92%
		SINC HV0150 1 183m	<0.01	<0.01	<0.01%	<0.01%	0.19%	0.04%	0.86	80.09%	16.92%
		SINC HV0150 1 193m	<0.01	<0.01	<0.01%	<0.01%	0.19%	0.04%	0.86	80.09%	16.91%
Portsmouth Golf Course West	SINC	SINC HV0002 1 80m	<0.01	0.01	0.05%	0.01%	0.70%	0.15%	0.91	85.26%	18.01%
		SINC HV0002 1 90m	<0.01	0.01	0.06%	0.01%	0.64%	0.13%	0.91	85.20%	17.99%
		SINC HV0002 1 100m	<0.01	0.01	0.05%	0.01%	0.58%	0.12%	0.91	85.15%	17.98%
		SINC HV0002 1 110m	<0.01	0.01	0.04%	0.01%	0.54%	0.11%	0.91	85.10%	17.97%
		SINC HV0002 1 120m	<0.01	0.01	0.04%	0.01%	0.50%	0.11%	0.91	85.07%	17.97%
Fort Purbrook	SINC	SINC HV0003 1 75.8m	<0.01	0.01	0.05%	0.01%	0.69%	0.15%	0.91	85.26%	18.01%
		SINC HV0003 1 85.8m	<0.01	0.01	0.05%	0.01%	0.63%	0.13%	0.91	85.19%	17.99%
		SINC HV0003 1 95.8m	<0.01	0.01	0.04%	0.01%	0.57%	0.12%	0.91	85.14%	17.98%
		SINC HV0003 1 105.8m	<0.01	0.01	0.04%	0.01%	0.51%	0.11%	0.91	85.08%	17.97%
		SINC HV0003 1 115.8m	<0.01	0.01	0.04%	0.01%	0.48%	0.10%	0.91	85.05%	17.96%
		SINC HV0003 1 125.8m	<0.01	<0.01	0.04%	0.01%	0.45%	0.09%	0.91	85.01%	17.95%
		SINC HV0003 1 135.8m	<0.01	<0.01	0.04%	0.01%	0.43%	0.09%	0.91	84.99%	17.95%
		SINC HV0003 1 145.8m	<0.01	<0.01	0.03%	0.01%	0.40%	0.08%	0.91	84.96%	17.94%
		SINC HV0003 1 155.8m	<0.01	<0.01	0.03%	0.01%	0.37%	0.08%	0.91	84.94%	17.94%
		SINC HV0003 1 165.8m	<0.01	<0.01	0.02%	<0.01%	0.35%	0.07%	0.91	84.92%	17.94%
		SINC HV0003 1 175.8m	<0.01	<0.01	0.03%	0.01%	0.34%	0.07%	0.91	84.91%	17.93%
		SINC HV0003 1 185.8m	<0.01	<0.01	0.03%	0.01%	0.32%	0.07%	0.91	84.89%	17.93%
		SINC HV0003 1 195.8m	<0.01	<0.01	0.03%	0.01%	0.31%	0.07%	0.91	84.87%	17.93%
Fort Purbrook Paddock 2 (Havant)	SINC	SINC HV0007 1 85.5m	<0.01	0.01	0.15%	0.03%	2.26%	0.41%	1.65	463.24%	84.72%
		SINC HV0007 1 95.5m	<0.01	0.01	0.09%	0.02%	2.02%	0.37%	1.65	463.00%	84.68%
		SINC HV0007 1 105.5m	<0.01	0.01	0.09%	0.02%	1.86%	0.34%	1.65	462.84%	84.65%
		SINC HV0007 1 115.5m	<0.01	0.01	0.14%	0.03%	1.77%	0.32%	1.65	462.75%	84.63%
Fort Purbrook Paddock 3 (Havant)	SINC	SINC HV0143 1 75.3m	<0.01	0.01	0.15%	0.03%	2.36%	0.43%	1.65	463.34%	84.74%
		SINC HV0143 1 85.3m	<0.01	0.01	0.15%	0.03%	2.15%	0.39%	1.65	463.13%	84.70%
		SINC HV0143 1 95.3m	<0.01	0.01	0.14%	0.03%	1.96%	0.36%	1.65	462.94%	84.67%
		SINC HV0143 1 105.3m	<0.01	0.01	0.14%	0.03%	1.86%	0.34%	1.65	462.84%	84.65%
		SINC HV0143 1 115.3m	<0.01	0.01	0.13%	0.02%	1.71%	0.31%	1.65	462.69%	84.62%
Fort Purbrook Paddock 4 (Havant)	SINC	SINC HV0142 1 84.9m	<0.01	0.01	0.08%	0.01%	2.02%	0.37%	1.65	463.00%	84.68%
		SINC HV0142 1 94.9m	<0.01	0.01	0.13%	0.02%	1.90%	0.35%	1.65	462.88%	84.66%
		SINC HV0142 1 104.9m	<0.01	0.01	0.13%	0.02%	1.74%	0.32%	1.65	462.72%	84.63%
		SINC HV0142 1 114.9m	<0.01	0.01	0.13%	0.02%	1.65%	0.30%	1.65	462.63%	84.61%
Field east of Farlington Redoubt (North)	SINC	SINC HV0014 1 86.3m	<0.01	0.01	0.07%	0.01%	1.95%	0.36%	1.65	462.93%	84.67%
		SINC HV0014 1 96.3m	<0.01	0.01	0.13%	0.02%	1.83%	0.33%	1.65	462.81%	84.64%
		SINC HV0014 1 106.3m	<0.01	0.01	0.12%	0.02%	1.67%	0.31%	1.65	462.65%	84.61%
		SINC HV0014 1 116.3m	<0.01	0.01	0.12%	0.02%	1.53%	0.28%	1.65	462.51%	84.59%
		SINC HV0014 1 126.3m	<0.01	<0.01	0.06%	0.01%	1.40%	0.26%	1.65	462.38%	84.56%

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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC HV0014 1 136.3m	<0.01	<0.01	0.06%	0.01%	1.34%	0.24%	1.65	462.32%	84.55%
		SINC HV0014 1 146.3m	<0.01	<0.01	0.05%	0.01%	1.28%	0.23%	1.65	462.26%	84.54%
		SINC HV0014 1 156.3m	<0.01	<0.01	0.11%	0.02%	1.23%	0.23%	1.65	462.22%	84.53%
		SINC HV0014 1 166.3m	<0.01	<0.01	0.11%	0.02%	1.19%	0.22%	1.65	462.17%	84.53%
		SINC HV0014 1 176.3m	<0.01	<0.01	0.05%	0.01%	1.10%	0.20%	1.65	462.08%	84.51%
		SINC HV0014 1 186.3m	<0.01	<0.01	0.05%	0.01%	1.06%	0.19%	1.65	462.05%	84.50%
		SINC HV0014 1 196.3m	<0.01	<0.01	0.05%	0.01%	1.03%	0.19%	1.65	462.02%	84.50%
Portsmouth Golf Course East	SINC	SINC HV0011 1 126.3m	<0.01	<0.01	0.03%	0.01%	0.39%	0.08%	0.90	84.02%	17.75%
		SINC HV0011 1 136.3m	<0.01	<0.01	0.02%	<0.01%	0.36%	0.08%	0.90	83.99%	17.74%
		SINC HV0011 1 146.3m	<0.01	<0.01	0.02%	<0.01%	0.34%	0.07%	0.90	83.97%	17.73%
		SINC HV0011 1 156.3m	<0.01	<0.01	0.03%	0.01%	0.33%	0.07%	0.90	83.96%	17.73%
		SINC HV0011 1 166.3m	<0.01	<0.01	0.02%	<0.01%	0.31%	0.07%	0.90	83.94%	17.73%
		SINC HV0011 1 176.3m	<0.01	<0.01	0.02%	<0.01%	0.29%	0.06%	0.90	83.92%	17.72%
		SINC HV0011 1 186.3m	<0.01	<0.01	0.02%	<0.01%	0.28%	0.06%	0.90	83.91%	17.72%
		SINC HV0011 1 196.3m	<0.01	<0.01	0.02%	<0.01%	0.27%	0.06%	0.90	83.90%	17.72%
Portsmouth City Council											
Fort Widley and Surrounds	SINC	SINC PO0002 1 5.9m	<0.01	0.05	0.15%	0.03%	6.07%	1.07%	1.01	117.72%	20.75%
		SINC PO0002 1 15.9m	<0.01	0.03	0.10%	0.02%	3.32%	0.59%	0.98	114.97%	20.27%
		SINC PO0002 1 25.9m	<0.01	0.02	0.08%	0.01%	2.32%	0.41%	0.98	113.97%	20.09%
		SINC PO0002 1 35.9m	<0.01	0.02	0.05%	0.01%	1.79%	0.32%	0.97	113.44%	20.00%
		SINC PO0002 1 45.9m	<0.01	0.01	0.05%	0.01%	1.47%	0.26%	0.97	113.12%	19.94%
		SINC PO0002 1 55.9m	<0.01	0.01	0.04%	0.01%	1.26%	0.22%	0.97	112.91%	19.90%
		SINC PO0002 1 65.9m	<0.01	0.01	0.04%	0.01%	1.10%	0.19%	0.97	112.75%	19.88%
		SINC PO0002 1 75.9m	<0.01	0.01	0.04%	0.01%	0.98%	0.17%	0.96	112.63%	19.85%
		SINC PO0002 1 85.9m	<0.01	0.01	0.04%	0.01%	0.88%	0.16%	0.96	112.53%	19.84%
		SINC PO0002 1 95.9m	<0.01	0.01	0.04%	0.01%	0.81%	0.14%	0.96	112.46%	19.82%
		SINC PO0002 1 105.9m	<0.01	0.01	0.03%	0.01%	0.75%	0.13%	0.96	112.40%	19.81%
		SINC PO0002 1 115.9m	<0.01	0.01	0.02%	<0.01%	0.70%	0.12%	0.96	112.34%	19.80%
		SINC PO0002 1 125.9m	<0.01	0.01	0.02%	<0.01%	0.65%	0.11%	0.96	112.30%	19.80%
		SINC PO0002 1 135.9m	<0.01	0.01	0.03%	0.01%	0.62%	0.11%	0.96	112.27%	19.79%
		SINC PO0002 1 145.9m	<0.01	<0.01	0.02%	<0.01%	0.58%	0.10%	0.96	112.23%	19.78%
		SINC PO0002 1 155.9m	<0.01	<0.01	0.02%	<0.01%	0.56%	0.10%	0.96	112.20%	19.78%
		SINC PO0002 1 165.9m	<0.01	<0.01	0.02%	<0.01%	0.52%	0.09%	0.96	112.17%	19.77%
		SINC PO0002 1 175.9m	<0.01	<0.01	0.03%	0.01%	0.50%	0.09%	0.96	112.15%	19.77%
		SINC PO0002 1 185.9m	<0.01	<0.01	0.02%	<0.01%	0.48%	0.08%	0.96	112.12%	19.76%
SINC PO0002 1 195.9m	<0.01	<0.01	0.03%	<0.01%	0.46%	0.08%	0.96	112.11%	19.76%		
SINC PO0002 1 205.9m	<0.01	<0.01	0.02%	<0.01%	0.43%	0.08%	0.96	112.08%	19.76%		
Meadow west of Farlington Avenue	SINC	SINC PO0006 1 3.9m	0.01	0.06	0.48%	0.10%	5.99%	1.26%	0.97	90.55%	19.12%
		SINC PO0006 1 13.9m	<0.01	0.03	0.25%	0.05%	3.03%	0.64%	0.94	87.59%	18.50%
		SINC PO0006 1 23.9m	<0.01	0.02	0.16%	0.03%	2.06%	0.44%	0.93	86.63%	18.30%
		SINC PO0006 1 33.9m	<0.01	0.02	0.13%	0.03%	1.59%	0.34%	0.92	86.15%	18.20%
		SINC PO0006 1 43.9m	<0.01	0.01	0.10%	0.02%	1.31%	0.28%	0.92	85.88%	18.14%
		SINC PO0006 1 53.9m	<0.01	0.01	0.09%	0.02%	1.12%	0.24%	0.92	85.69%	18.10%
		SINC PO0006 1 63.9m	<0.01	0.01	0.07%	0.01%	0.97%	0.21%	0.92	85.54%	18.07%

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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC PO0006 1 73.9m	<0.01	0.01	0.07%	0.02%	0.88%	0.19%	0.92	85.45%	18.05%
		SINC PO0006 1 83.9m	<0.01	0.01	0.06%	0.01%	0.79%	0.17%	0.91	85.35%	18.03%
		SINC PO0006 1 93.9m	<0.01	0.01	0.05%	0.01%	0.73%	0.15%	0.91	85.29%	18.01%
Land to the north of Portsdown Hill Road	SINC	SINC PO0009 1 4m	<0.01	0.06	0.76%	0.14%	16.25%	2.97%	1.70	477.23%	87.28%
		SINC PO0009 1 14m	<0.01	0.03	0.39%	0.07%	8.34%	1.53%	1.68	469.32%	85.83%
		SINC PO0009 1 24m	<0.01	0.02	0.26%	0.05%	5.69%	1.04%	1.67	466.67%	85.35%
		SINC PO0009 1 34m	<0.01	0.02	0.22%	0.04%	4.36%	0.80%	1.66	465.34%	85.11%
		SINC PO0009 1 44m	<0.01	0.01	0.19%	0.03%	3.55%	0.65%	1.66	464.53%	84.96%
		SINC PO0009 1 54m	<0.01	0.01	0.17%	0.03%	3.05%	0.56%	1.66	464.03%	84.87%
		SINC PO0009 1 64m	<0.01	0.01	0.16%	0.03%	2.65%	0.49%	1.66	463.63%	84.79%
		SINC PO0009 1 74m	<0.01	0.01	0.15%	0.03%	2.39%	0.44%	1.65	463.37%	84.74%
East and west of Gillman Road	SINC	SINC PO0019 1 3.2m	<0.01	0.04	0.18%	0.04%	4.00%	0.84%	0.94	87.63%	18.51%
		SINC PO0019 1 13.2m	<0.01	0.02	0.10%	0.02%	1.97%	0.42%	0.92	85.61%	18.08%
		SINC PO0019 1 23.2m	<0.01	0.01	0.07%	0.01%	1.33%	0.28%	0.91	84.96%	17.94%
		SINC PO0019 1 33.2m	<0.01	0.01	0.05%	0.01%	1.02%	0.22%	0.91	84.65%	17.88%
		SINC PO0019 1 43.2m	<0.01	0.01	0.04%	0.01%	0.84%	0.18%	0.90	84.47%	17.84%
		SINC PO0019 1 53.2m	<0.01	0.01	0.04%	0.01%	0.70%	0.15%	0.90	84.33%	17.81%
		SINC PO0019 1 83.2m	<0.01	0.01	0.02%	<0.01%	0.50%	0.10%	0.90	84.13%	17.77%
		SINC PO0019 1 123.2m	<0.01	<0.01	0.02%	<0.01%	0.37%	0.08%	0.90	84.00%	17.74%
		SINC PO0019 1 133.2m	<0.01	<0.01	0.03%	0.01%	0.35%	0.07%	0.90	83.98%	17.74%
		SINC PO0019 1 143.2m	<0.01	<0.01	0.02%	<0.01%	0.32%	0.07%	0.90	83.96%	17.73%
		SINC PO0019 1 153.2m	<0.01	<0.01	0.02%	0.01%	0.31%	0.07%	0.90	83.94%	17.73%
		SINC PO0019 1 163.2m	<0.01	<0.01	0.01%	<0.01%	0.29%	0.06%	0.90	83.92%	17.72%
		SINC PO0019 1 173.2m	<0.01	<0.01	0.01%	<0.01%	0.28%	0.06%	0.90	83.91%	17.72%
SINC PO0019 1 183.2m	<0.01	<0.01	0.01%	<0.01%	0.27%	0.06%	0.90	83.90%	17.72%		
Land to the south of Portsdown Hill Road	SINC	SINC PO004 1 2.3m	0.01	0.14	0.99%	0.17%	15.96%	2.81%	1.07	125.27%	22.08%
		SINC PO004 1 12.3m	<0.01	0.08	0.57%	0.10%	9.80%	1.73%	1.02	119.11%	21.00%
		SINC PO004 1 22.3m	<0.01	0.06	0.42%	0.07%	7.16%	1.26%	1.00	116.47%	20.53%
		SINC PO004 1 32.3m	<0.01	0.05	0.33%	0.06%	5.58%	0.98%	0.98	114.89%	20.25%
		SINC PO004 1 42.3m	<0.01	0.04	0.27%	0.05%	4.50%	0.79%	0.97	113.81%	20.06%
		SINC PO004 1 52.3m	<0.01	0.03	0.22%	0.04%	3.73%	0.66%	0.97	113.04%	19.93%
Field to West of Gillman Road	SINC	SINC PO0025 1 3m	0.01	0.11	2.55%	0.41%	31.85%	5.17%	1.78	498.43%	80.96%
		SINC PO0025 1 13m	<0.01	0.05	1.17%	0.19%	14.88%	2.42%	1.72	481.46%	78.20%
		SINC PO0025 1 23m	<0.01	0.03	0.80%	0.13%	9.72%	1.58%	1.70	476.31%	77.36%
		SINC PO0025 1 33m	<0.01	0.03	0.59%	0.10%	7.28%	1.18%	1.69	473.86%	76.96%
		SINC PO0025 1 43m	<0.01	0.02	0.51%	0.08%	5.84%	0.95%	1.69	472.42%	76.73%
		SINC PO0025 1 53m	<0.01	0.02	0.39%	0.06%	4.83%	0.78%	1.68	471.41%	76.57%
		SINC PO0025 1 63m	<0.01	0.01	0.35%	0.06%	4.14%	0.67%	1.68	470.73%	76.46%
		SINC PO0025 1 73m	<0.01	0.01	0.32%	0.05%	3.65%	0.59%	1.68	470.23%	76.38%
		SINC PO0025 1 83m	<0.01	0.01	0.24%	0.04%	3.24%	0.53%	1.68	469.82%	76.31%
SINC PO0025 1 93m	<0.01	0.01	0.22%	0.04%	2.89%	0.47%	1.68	469.48%	76.25%		
Birkdale Avenue	SINC	SINC PO0029 1 4.8m	0.01	0.09	2.10%	0.34%	26.28%	4.27%	1.76	492.87%	80.05%
		SINC PO0029 1 14.8m	<0.01	0.05	1.16%	0.19%	13.75%	2.23%	1.71	480.33%	78.02%
		SINC PO0029 1 24.8m	<0.01	0.03	0.78%	0.13%	9.36%	1.52%	1.70	475.94%	77.30%

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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
Portsdown	SSSI	SSSI SU640065_1_0.7m	<0.01	0.11	0.32%	0.06%	12.92%	2.28%	1.05	122.23%	21.55%
		SSSI SU640065_1_10.7m	<0.01	0.04	0.15%	0.03%	5.21%	0.92%	0.98	114.52%	20.19%
		SSSI SU640065_1_20.7m	<0.01	0.03	0.10%	0.02%	3.36%	0.59%	0.96	112.67%	19.86%
		SSSI SU640065_1_30.7m	<0.01	0.02	0.09%	0.02%	2.51%	0.44%	0.96	111.82%	19.71%
		SSSI SU640065_1_40.7m	<0.01	0.02	0.06%	0.01%	2.02%	0.36%	0.95	111.34%	19.63%
		SSSI SU640065_1_50.7m	<0.01	0.01	0.07%	0.01%	1.73%	0.30%	0.95	111.04%	19.57%
		SSSI SU640065_1_60.7m	<0.01	0.01	0.05%	0.01%	1.51%	0.27%	0.95	110.82%	19.53%
		SSSI SU640065_1_70.7m	<0.01	0.01	0.05%	0.01%	1.34%	0.24%	0.95	110.65%	19.51%
		SSSI SU640065_1_80.7m	<0.01	0.01	0.05%	0.01%	1.24%	0.22%	0.95	110.55%	19.49%
		SSSI SU640065_1_90.7m	<0.01	0.01	0.03%	0.01%	1.12%	0.20%	0.95	110.43%	19.47%
		SSSI SU640065_1_100.7m	<0.01	0.01	0.05%	0.01%	1.06%	0.19%	0.94	110.38%	19.46%
		SSSI SU640065_1_110.7m	<0.01	0.01	0.04%	0.01%	1.00%	0.18%	0.94	110.32%	19.45%
		SSSI SU640065_1_120.7m	<0.01	0.01	0.03%	0.01%	0.94%	0.17%	0.94	110.25%	19.43%
		SSSI SU640065_1_130.7m	<0.01	0.01	0.04%	0.01%	0.91%	0.16%	0.94	110.22%	19.43%
		SSSI SU640065_1_140.7m	<0.01	0.01	0.04%	0.01%	0.88%	0.16%	0.94	110.19%	19.42%
		SSSI SU640065_1_150.7m	<0.01	0.01	0.04%	0.01%	0.85%	0.15%	0.94	110.16%	19.42%
		SSSI SU640065_1_160.7m	<0.01	0.01	0.04%	0.01%	0.83%	0.15%	0.94	110.14%	19.42%
		SSSI SU640065_1_170.7m	<0.01	0.01	0.04%	0.01%	0.82%	0.14%	0.94	110.13%	19.41%
		SSSI SU640065_1_180.7m	<0.01	0.01	0.03%	0.01%	0.80%	0.14%	0.94	110.11%	19.41%
SSSI SU640065_1_190.7m	<0.01	0.01	0.04%	0.01%	0.79%	0.14%	0.94	110.10%	19.41%		
SSSI SU640065_1_200.7m	<0.01	0.01	0.03%	0.01%	0.79%	0.14%	0.94	110.10%	19.41%		
Fort Purbrook Paddock 2 (Havant)	SINC	SINC HV0007_1_75.5m	<0.01	0.01	0.10%	0.02%	2.42%	0.44%	1.65	463.40%	84.75%
		SINC HV0142_1_74.9m	<0.01	0.01	0.14%	0.03%	2.30%	0.42%	1.65	463.28%	84.73%
		SINC HV0014_1_76.3m	<0.01	0.01	0.14%	0.03%	2.16%	0.40%	1.65	463.14%	84.70%
		SINC PO00009_2_3.5m	<0.01	0.07	0.84%	0.15%	18.72%	3.42%	1.71	479.70%	87.73%

Hampshire Water Transfer and Water Recycling Project
 Environmental Statement – Appendix 6.8 Construction road vehicle exhaust emissions assessment – Full ecological transect results – Acid deposition

Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC PO00009_2_13.5m	<0.01	0.03	0.43%	0.08%	9.40%	1.72%	1.68	470.38%	86.03%
		SINC PO00009_2_23.5m	<0.01	0.02	0.34%	0.06%	6.41%	1.17%	1.67	467.39%	85.48%
		SINC PO00009_2_33.5m	<0.01	0.02	0.24%	0.04%	4.96%	0.91%	1.66	465.94%	85.22%
		SINC PO00009_2_43.5m	<0.01	0.01	0.21%	0.04%	4.02%	0.73%	1.66	465.00%	85.04%
		SINC PO00009_2_53.5m	<0.01	0.01	0.19%	0.04%	3.46%	0.63%	1.66	464.44%	84.94%
		SINC PO00009_2_63.5m	<0.01	0.01	0.18%	0.03%	3.03%	0.55%	1.66	464.01%	84.86%
Farlington Avenue	SINC	SINC PO0026_1_61.2m	<0.01	0.01	0.08%	0.02%	0.91%	0.19%	0.92	85.48%	18.05%
James Callaghan Drive	SINC	SINC PO0021_1_0m	<0.01	0.11	0.31%	0.06%	12.92%	2.28%	1.09	126.91%	22.37%
Winchester City Council											
Martins Copse	AW	AW 1488658_1_176.6m	<0.01	<0.01	0.09%	0.01%	-1.00%	-0.12%	1.68	471.18%	57.27%
		AW 1488658_1_186.6m	<0.01	<0.01	0.09%	0.01%	-0.96%	-0.12%	1.68	471.22%	57.28%
		AW 1488658_1_196.6m	<0.01	<0.01	0.14%	0.02%	-0.87%	-0.11%	1.68	471.32%	57.29%
Unnamed Ancient Woodland east of Cranbourne Drive	AW	AW 1488547_1_11m	0.02	0.05	4.58%	0.56%	14.68%	1.80%	1.96	548.49%	67.38%
		AW 1488547_1_21m	0.01	0.04	3.40%	0.42%	11.06%	1.36%	1.95	544.87%	66.94%
		AW 1488547_1_31m	0.01	0.03	2.75%	0.34%	8.99%	1.11%	1.94	542.80%	66.68%
		AW 1488547_1_41m	0.01	0.03	2.26%	0.28%	7.59%	0.93%	1.93	541.40%	66.51%
		AW 1488547_1_51m	0.01	0.02	1.99%	0.24%	6.64%	0.82%	1.93	540.45%	66.39%
Unnamed Ancient Woodland west of Otterbourne Transfer Plant	AW	AW 1489079_1_0m	0.02	0.07	6.25%	0.77%	19.96%	2.45%	1.98	553.77%	68.03%
		AW 1489079_1_10m	0.01	0.04	3.23%	0.40%	10.63%	1.31%	1.94	544.44%	66.88%
		AW 1489079_1_20m	0.01	0.03	2.33%	0.29%	7.66%	0.94%	1.93	541.47%	66.52%
		AW 1489079_1_30m	0.01	0.02	1.84%	0.23%	6.03%	0.74%	1.93	539.84%	66.32%
Fielders Farm Meadows (Winchester)	SINC	SINC WC0682_1_13.1m	<0.01	0.04	0.29%	0.06%	3.98%	0.84%	1.07	99.75%	21.07%
		SINC WC0682_1_23.1m	<0.01	0.03	0.23%	0.05%	2.68%	0.57%	1.05	98.45%	20.79%
		SINC WC0682_1_33.1m	<0.01	0.02	0.19%	0.04%	2.04%	0.43%	1.05	97.81%	20.66%
		SINC WC0682_1_43.1m	<0.01	0.02	0.17%	0.04%	1.65%	0.35%	1.04	97.42%	20.58%
		SINC WC0682_1_53.1m	<0.01	0.01	0.14%	0.03%	1.39%	0.29%	1.04	97.16%	20.52%
		SINC WC0682_1_63.1m	<0.01	0.01	0.12%	0.03%	1.20%	0.25%	1.04	96.97%	20.48%
		SINC WC0682_1_73.1m	<0.01	0.01	0.11%	0.02%	1.06%	0.22%	1.04	96.83%	20.45%
		SINC WC0682_1_83.1m	<0.01	0.01	0.10%	0.02%	0.96%	0.20%	1.04	96.73%	20.43%
		SINC WC0682_1_93.1m	<0.01	0.01	0.10%	0.02%	0.87%	0.18%	1.04	96.64%	20.41%
		SINC WC0682_1_103.1m	<0.01	0.01	0.08%	0.02%	0.80%	0.17%	1.03	96.57%	20.40%
		SINC WC0682_1_113.1m	<0.01	0.01	0.08%	0.02%	0.74%	0.16%	1.03	96.51%	20.38%
		SINC WC0682_1_123.1m	<0.01	0.01	0.08%	0.02%	0.68%	0.14%	1.03	96.45%	20.37%
		SINC WC0682_1_133.1m	<0.01	0.01	0.07%	0.02%	0.65%	0.14%	1.03	96.42%	20.36%
		SINC WC0682_1_143.1m	<0.01	0.01	0.07%	0.01%	0.61%	0.13%	1.03	96.38%	20.36%
		SINC WC0682_1_153.1m	<0.01	0.01	0.07%	0.01%	0.59%	0.12%	1.03	96.36%	20.35%
SINC WC0682_1_163.1m	<0.01	0.01	0.06%	0.01%	0.54%	0.11%	1.03	96.31%	20.34%		

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			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0682_1_173.1m	<0.01	0.01	0.07%	0.01%	0.52%	0.11%	1.03	96.29%	20.34%
		SINC WC0682_1_183.1m	<0.01	0.01	0.05%	0.01%	0.50%	0.11%	1.03	96.27%	20.33%
		SINC WC0682_1_193.1m	<0.01	0.01	0.06%	0.01%	0.48%	0.10%	1.03	96.25%	20.33%
		SINC WC0682_1_203.1m	<0.01	<0.01	0.05%	0.01%	0.46%	0.10%	1.03	96.23%	20.32%
Stratton's Copse	AW, SINC	AW 1490813_1_180m	<0.01	0.01	0.18%	0.02%	2.04%	0.23%	1.87	524.65%	59.63%
		AW 1490813_1_190m	<0.01	0.01	0.18%	0.02%	1.98%	0.23%	1.87	524.58%	59.62%
		AW 1490813_1_200m	<0.01	0.01	0.18%	0.02%	1.87%	0.21%	1.87	524.47%	59.61%
Blacknell's Copse	AW, SINC	AW 1490902_1_71m	<0.01	0.02	0.26%	0.03%	4.43%	0.50%	1.88	527.04%	59.90%
		AW 1490902_1_81m	<0.01	0.01	0.24%	0.03%	3.93%	0.45%	1.88	526.54%	59.85%
		AW 1490902_1_91m	<0.01	0.01	0.23%	0.03%	3.61%	0.41%	1.88	526.22%	59.81%
		AW 1490902_1_101m	<0.01	0.01	0.22%	0.03%	3.29%	0.37%	1.88	525.89%	59.77%
		AW 1490902_1_111m	<0.01	0.01	0.21%	0.02%	3.05%	0.35%	1.88	525.66%	59.75%
		AW 1490902_1_121m	<0.01	0.01	0.21%	0.02%	2.84%	0.32%	1.88	525.45%	59.72%
		AW 1490902_1_131m	<0.01	0.01	0.20%	0.02%	2.66%	0.30%	1.88	525.27%	59.70%
		AW 1490902_1_141m	<0.01	0.01	0.20%	0.02%	2.49%	0.28%	1.87	525.10%	59.68%
		AW 1490902_1_151m	<0.01	0.01	0.19%	0.02%	2.40%	0.27%	1.87	525.00%	59.67%
		AW 1490902_1_161m	<0.01	0.01	0.19%	0.02%	2.25%	0.26%	1.87	524.86%	59.65%
		AW 1490902_1_171m	<0.01	0.01	0.18%	0.02%	2.18%	0.25%	1.87	524.78%	59.65%
		AW 1490902_1_181m	<0.01	0.01	0.18%	0.02%	2.05%	0.23%	1.87	524.66%	59.63%
		AW 1490902_1_191m	<0.01	0.01	0.18%	0.02%	1.99%	0.23%	1.87	524.60%	59.62%
		Great Moorlands Copse Complex	SINC	SINC WC0050_1_5.6m	0.01	0.05	5.16%	1.23%	16.29%	3.88%	1.95
SINC WC0050_1_15.6m	0.01			0.03	3.46%	0.82%	10.94%	2.60%	1.94	679.61%	161.81%
SINC WC0050_1_25.6m	0.01			0.02	2.68%	0.64%	8.46%	2.01%	1.93	677.13%	161.22%
SINC WC0050_1_35.6m	0.01			0.02	2.19%	0.52%	6.90%	1.64%	1.93	675.57%	160.85%
SINC WC0050_1_45.6m	0.01			0.02	1.83%	0.44%	5.81%	1.38%	1.92	674.47%	160.59%
SINC WC0050_1_55.6m	<0.01			0.01	1.56%	0.37%	5.09%	1.21%	1.92	673.75%	160.42%
SINC WC0050_1_65.6m	<0.01			0.01	1.41%	0.34%	4.51%	1.07%	1.92	673.18%	160.28%
SINC WC0050_1_75.6m	<0.01			0.01	1.29%	0.31%	4.10%	0.98%	1.92	672.76%	160.18%
SINC WC0050_1_85.6m	<0.01			0.01	1.12%	0.27%	3.68%	0.88%	1.92	672.35%	160.08%
SINC WC0050_1_95.6m	<0.01			0.01	1.04%	0.25%	3.31%	0.79%	1.92	671.98%	159.99%
SINC WC0050_1_105.6m	<0.01			0.01	0.97%	0.23%	3.12%	0.74%	1.91	671.79%	159.95%
SINC WC0050_1_115.6m	<0.01			0.01	0.84%	0.20%	2.82%	0.67%	1.91	671.48%	159.88%
SINC WC0050_1_125.6m	<0.01			0.01	0.80%	0.19%	2.68%	0.64%	1.91	671.35%	159.84%
SINC WC0050_1_135.6m	<0.01			0.01	0.82%	0.20%	2.49%	0.59%	1.91	671.15%	159.80%
SINC WC0050_1_145.6m	<0.01			0.01	0.71%	0.17%	2.38%	0.57%	1.91	671.05%	159.77%

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			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0050 1 155.6m	<0.01	0.01	0.68%	0.16%	2.22%	0.53%	1.91	670.88%	159.73%
		SINC WC0050 1 165.6m	<0.01	0.01	0.58%	0.14%	2.06%	0.49%	1.91	670.73%	159.70%
Colden Common Wood	AW, SINC	AW 149852 1 27.3m	<0.01	0.03	0.45%	0.05%	9.14%	1.04%	1.90	531.75%	60.44%
		AW 149852 1 37.3m	<0.01	0.03	0.33%	0.04%	7.14%	0.81%	1.89	529.75%	60.21%
		AW 149852 1 47.3m	<0.01	0.02	0.30%	0.03%	5.94%	0.67%	1.89	528.54%	60.07%
		AW 149852 1 57.3m	<0.01	0.02	0.27%	0.03%	5.07%	0.58%	1.88	527.67%	59.97%
		AW 149852 1 67.3m	<0.01	0.02	0.25%	0.03%	4.43%	0.50%	1.88	527.04%	59.90%
		AW 149852 1 77.3m	<0.01	0.01	0.24%	0.03%	3.96%	0.45%	1.88	526.57%	59.85%
Colden Common Wood & Blacknells Copse	SINC	SINC WC0095 1 0m	0.01	0.16	1.89%	0.21%	43.64%	4.96%	2.02	566.25%	64.36%
		SINC WC0095 1 10m	<0.01	0.06	0.84%	0.10%	18.19%	2.07%	1.93	540.80%	61.47%
		SINC WC0095 1 20m	<0.01	0.04	0.58%	0.07%	11.52%	1.31%	1.91	534.12%	60.71%
		SINC WC0095 1 30m	<0.01	0.03	0.43%	0.05%	8.56%	0.97%	1.90	531.16%	60.37%
		SINC WC0095 1 40m	<0.01	0.02	0.38%	0.04%	6.81%	0.77%	1.89	529.41%	60.17%
		SINC WC0095 1 50m	<0.01	0.02	0.29%	0.03%	5.69%	0.65%	1.89	528.29%	60.04%
		SINC WC0095 1 60m	<0.01	0.02	0.32%	0.04%	4.93%	0.56%	1.88	527.54%	59.96%
		SINC WC0095 1 70m	<0.01	0.02	0.30%	0.03%	4.33%	0.49%	1.88	526.94%	59.89%
Fisher's Pond Wood	AW	AW 1490836 1 154m	<0.01	0.01	0.21%	0.02%	2.46%	0.28%	1.87	525.06%	59.68%
		AW 1490836 1 164m	<0.01	0.01	0.20%	0.02%	2.32%	0.26%	1.87	524.92%	59.66%
		AW 1490836 1 174m	<0.01	0.01	0.20%	0.02%	2.24%	0.25%	1.87	524.85%	59.65%
		AW 1490836 1 184m	<0.01	0.01	0.20%	0.02%	2.17%	0.25%	1.89	530.38%	60.22%
		AW 1490836 1 194m	<0.01	0.01	0.19%	0.02%	2.00%	0.23%	1.89	530.21%	60.20%
Freemantles/Gt. Moorlands	AW	AW 1488462 1 4.5m	0.02	0.05	4.32%	0.53%	13.98%	1.72%	1.96	547.79%	67.30%
		AW 1488462 1 14.5m	0.01	0.03	2.77%	0.34%	9.03%	1.11%	1.94	542.84%	66.69%
		AW 1488462 1 24.5m	0.01	0.02	2.04%	0.25%	6.79%	0.83%	1.93	540.60%	66.41%
		AW 1488462 1 34.5m	0.01	0.02	1.64%	0.20%	5.48%	0.67%	1.93	539.29%	66.25%
		AW 1488462 1 44.5m	<0.01	0.02	1.35%	0.17%	4.59%	0.56%	1.92	538.40%	66.14%
		AW 1488462 1 54.5m	<0.01	0.01	1.19%	0.15%	3.94%	0.48%	1.92	537.75%	66.06%
		AW 1488462 1 64.5m	<0.01	0.01	1.01%	0.12%	3.47%	0.43%	1.92	537.28%	66.00%
		AW 1488462 1 74.5m	<0.01	0.01	0.92%	0.11%	3.08%	0.38%	1.92	536.89%	65.96%
		AW 1488462 1 84.5m	<0.01	0.01	0.78%	0.10%	2.81%	0.34%	1.92	536.62%	65.92%
		AW 1488462 1 94.5m	<0.01	0.01	0.78%	0.10%	2.57%	0.32%	1.91	536.38%	65.89%
		AW 1488462 1 104.5m	<0.01	0.01	0.73%	0.09%	2.36%	0.29%	1.91	536.17%	65.87%
		AW 1488462 1 114.5m	<0.01	0.01	0.63%	0.08%	2.18%	0.27%	1.91	535.99%	65.85%
		AW 1488462 1 124.5m	<0.01	0.01	0.59%	0.07%	2.01%	0.25%	1.91	535.82%	65.83%
		AW 1488462 1 134.5m	<0.01	0.01	0.56%	0.07%	1.86%	0.23%	1.91	535.67%	65.81%
		AW 1488462 1 144.5m	<0.01	0.01	0.53%	0.07%	1.84%	0.23%	1.91	535.65%	65.80%
		AW 1488462 1 154.5m	<0.01	0.01	0.51%	0.06%	1.71%	0.21%	1.91	535.52%	65.79%
		AW 1488462 1 164.5m	<0.01	0.01	0.43%	0.05%	1.58%	0.19%	1.91	535.39%	65.77%
		AW 1488462 1 174.5m	<0.01	0.01	0.41%	0.05%	1.47%	0.18%	1.91	535.28%	65.76%
		AW 1488462 1 184.5m	<0.01	0.01	0.39%	0.05%	1.42%	0.17%	1.91	535.23%	65.75%
		AW 1488462 1 194.5m	<0.01	<0.01	0.43%	0.05%	1.37%	0.17%	1.91	535.18%	65.75%
AW 1488462 1 204.5m	<0.01	<0.01	0.42%	0.05%	1.33%	0.16%	1.91	535.14%	65.74%		

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Taylor's Copse	AW, SINC	AW 1490898 1 197m	<0.01	0.01	0.21%	0.02%	2.01%	0.23%	1.90	533.02%	60.51%
River Itchen	SAC, SSSI	SAC SU475240 1 0m	0.02	0.10	6.76%	0.27%	28.44%	1.15%	2.03	567.85%	22.96%
		SAC SU475240 1 10m	0.01	0.08	3.69%	0.15%	22.31%	0.90%	2.01	561.72%	22.72%
		SAC SU475240 1 20m	0.01	0.10	2.80%	0.11%	27.86%	1.13%	2.03	567.27%	22.94%
		SAC SU475240 1 40m	0.01	0.07	1.84%	0.07%	19.55%	0.79%	2.00	558.96%	22.60%
		SAC SU475240 1 50m	0.01	0.04	1.44%	0.06%	12.26%	0.50%	1.97	551.67%	22.31%
		SAC SU475240 1 60m	<0.01	0.03	1.26%	0.05%	9.25%	0.37%	1.96	548.67%	22.19%
		SAC SU475240 1 70m	<0.01	0.03	1.13%	0.05%	7.45%	0.30%	1.95	546.86%	22.11%
River Itchen	SSSI	SSSI SU476240 2 0m	0.03	0.12	9.17%	0.37%	34.33%	1.39%	2.05	573.74%	23.20%
		SSSI SU476240 2 10m	0.02	0.08	5.31%	0.21%	22.45%	0.91%	2.01	561.87%	22.72%
		SSSI SU476240 2 20m	0.01	0.07	4.00%	0.16%	18.42%	0.74%	1.99	557.83%	22.56%
		SSSI SU476240 2 30m	0.01	0.06	3.36%	0.14%	16.19%	0.65%	1.98	555.61%	22.47%
		SSSI SU476240 2 40m	0.01	0.05	2.84%	0.12%	14.75%	0.60%	1.98	554.16%	22.41%
		SSSI SU476240 2 50m	0.01	0.05	2.57%	0.10%	13.84%	0.56%	1.98	553.25%	22.37%
		SSSI SU476240 2 60m	0.01	0.05	2.31%	0.09%	13.21%	0.53%	1.97	552.62%	22.35%
		SSSI SU476240 2 70m	0.01	0.05	2.16%	0.09%	12.83%	0.52%	1.97	552.24%	22.33%
		SSSI SU476240 2 80m	0.01	0.05	2.05%	0.08%	12.66%	0.51%	1.97	552.08%	22.33%
		SSSI SU476240 2 90m	0.01	0.05	1.91%	0.08%	12.68%	0.51%	1.97	552.09%	22.33%
		SSSI SU476240 2 100m	0.01	0.05	1.86%	0.08%	12.96%	0.52%	1.97	552.38%	22.34%
		SSSI SU476240 2 110m	0.01	0.05	1.85%	0.07%	13.58%	0.55%	1.97	552.99%	22.36%
		SSSI SU476240 2 120m	0.01	0.05	1.87%	0.08%	14.79%	0.60%	1.98	554.20%	22.41%
Otterbourne Primary School Meadow	SINC	SINC WC0062 1 164.5m	<0.01	0.01	1.08%	0.26%	3.62%	0.86%	1.92	672.28%	160.07%
		SINC WC0062 1 174.5m	<0.01	0.01	1.04%	0.25%	3.43%	0.82%	1.92	672.10%	160.02%
		SINC WC0062 1 184.5m	<0.01	0.01	1.01%	0.24%	3.33%	0.79%	1.92	671.99%	160.00%
		SINC WC0062 1 194.5m	<0.01	0.01	0.98%	0.23%	3.09%	0.74%	1.91	671.76%	159.94%
Colden Common Meadow & Woodland	SINC	SINC WC0089 1 9.7m	<0.01	0.07	0.88%	0.10%	18.93%	2.15%	1.93	541.53%	61.55%
		SINC WC0089 1 19.7m	<0.01	0.04	0.63%	0.07%	12.47%	1.42%	1.91	535.08%	60.82%
		SINC WC0089 1 29.7m	<0.01	0.03	0.47%	0.05%	9.24%	1.05%	1.90	531.85%	60.45%
		SINC WC0089 1 39.7m	<0.01	0.03	0.42%	0.05%	7.43%	0.84%	1.89	530.04%	60.24%
		SINC WC0089 1 49.7m	<0.01	0.02	0.32%	0.04%	6.15%	0.70%	1.89	528.75%	60.10%
		SINC WC0089 1 59.7m	<0.01	0.02	0.29%	0.03%	5.30%	0.60%	1.88	527.90%	60.00%
		SINC WC0089 1 69.7m	<0.01	0.02	0.33%	0.04%	4.72%	0.54%	1.88	527.33%	59.94%
		SINC WC0089 1 79.7m	<0.01	0.01	0.31%	0.04%	4.20%	0.48%	1.88	526.80%	59.88%
		SINC WC0089 1 89.7m	<0.01	0.01	0.24%	0.03%	3.80%	0.43%	1.88	526.41%	59.83%
Durnford's Yard Meadow	SINC	SINC WC0082 1 186m	<0.01	0.01	0.25%	0.03%	3.30%	0.37%	1.91	534.31%	60.65%
		SINC WC0082 1 196m	<0.01	0.01	0.24%	0.03%	3.12%	0.35%	1.91	534.13%	60.63%
Great Moorlands Copse Complex	SINC	SINC WC0050 2 17.6m	0.01	0.04	4.92%	1.17%	15.73%	3.74%	1.95	684.39%	162.95%
		SINC WC0050 2 27.6m	0.01	0.04	3.83%	0.91%	12.44%	2.96%	1.94	681.11%	162.17%
		SINC WC0050 2 37.6m	0.01	0.03	3.17%	0.76%	10.39%	2.47%	1.94	679.05%	161.68%
		SINC WC0050 2 47.6m	0.01	0.03	2.71%	0.64%	8.94%	2.13%	1.93	677.61%	161.34%

Hampshire Water Transfer and Water Recycling Project
 Environmental Statement – Appendix 6.8 Construction road vehicle exhaust emissions assessment – Full ecological transect results – Acid deposition

Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0050 2 57.6m	0.01	0.02	2.42%	0.58%	7.89%	1.88%	1.93	676.56%	161.08%
		SINC WC0050 2 67.6m	0.01	0.02	2.14%	0.51%	7.04%	1.68%	1.93	675.70%	160.88%
		SINC WC0050 2 77.6m	0.01	0.02	1.97%	0.47%	6.39%	1.52%	1.92	675.06%	160.73%
		SINC WC0050 2 87.6m	0.01	0.02	1.83%	0.44%	5.92%	1.41%	1.92	674.58%	160.62%
		SINC WC0050 2 97.6m	<0.01	0.02	1.65%	0.39%	5.44%	1.29%	1.92	674.10%	160.50%
		SINC WC0050 2 107.6m	<0.01	0.01	1.55%	0.37%	5.02%	1.19%	1.92	673.68%	160.40%
Alma Meadows (North)	SINC	SINC WC0160 1 6.7m	<0.01	0.02	0.15%	0.03%	1.42%	0.30%	1.04	97.19%	20.53%
		SINC WC0160 1 16.7m	<0.01	0.01	0.09%	0.02%	1.21%	0.25%	1.04	96.98%	20.48%
		SINC WC0160 1 26.7m	<0.01	0.01	0.08%	0.02%	1.11%	0.23%	1.04	96.88%	20.46%
		SINC WC0160 1 36.7m	<0.01	0.01	0.06%	0.01%	1.05%	0.22%	1.04	96.82%	20.45%
		SINC WC0160 1 46.7m	<0.01	0.01	0.06%	0.01%	1.00%	0.21%	1.04	96.77%	20.44%
		SINC WC0160 1 56.7m	<0.01	0.01	0.06%	0.01%	0.96%	0.20%	1.04	96.73%	20.43%
		SINC WC0160 1 66.7m	<0.01	0.01	0.06%	0.01%	0.92%	0.19%	1.04	96.69%	20.42%
		SINC WC0160 1 76.7m	<0.01	0.01	0.05%	0.01%	0.87%	0.18%	1.04	96.64%	20.41%
		SINC WC0160 1 86.7m	<0.01	0.01	0.04%	0.01%	0.84%	0.18%	1.03	96.61%	20.40%
		SINC WC0160 1 96.7m	<0.01	0.01	0.04%	0.01%	0.81%	0.17%	1.03	96.58%	20.40%
		SINC WC0160 1 106.7m	<0.01	0.01	0.04%	0.01%	0.77%	0.16%	1.03	96.54%	20.39%
		SINC WC0160 1 116.7m	<0.01	0.01	0.04%	0.01%	0.74%	0.16%	1.03	96.51%	20.38%
Motte & Bailey & Chalk Pit	SINC	SINC WC0577 1 2.2m	<0.01	0.13	0.95%	0.12%	35.43%	4.36%	1.93	541.22%	66.63%
		SINC WC0577 1 12.2m	<0.01	0.06	0.49%	0.06%	16.84%	2.07%	1.87	522.64%	64.34%
		SINC WC0577 1 22.2m	<0.01	0.04	0.39%	0.05%	11.06%	1.36%	1.85	516.86%	63.63%
		SINC WC0577 1 32.2m	<0.01	0.03	0.27%	0.03%	8.23%	1.01%	1.84	514.02%	63.28%
		SINC WC0577 1 42.2m	<0.01	0.02	0.24%	0.03%	6.56%	0.81%	1.83	512.35%	63.07%
		SINC WC0577 1 52.2m	<0.01	0.02	0.22%	0.03%	5.43%	0.67%	1.83	511.23%	62.93%
Blacknell's Copse Paddock	SINC	SINC WC0092 1 1.7m	0.01	0.13	1.48%	0.17%	35.14%	3.99%	1.99	557.75%	63.39%
		SINC WC0092 1 11.7m	<0.01	0.06	0.79%	0.09%	16.55%	1.88%	1.92	539.15%	61.28%
		SINC WC0092 1 21.7m	<0.01	0.04	0.50%	0.06%	10.91%	1.24%	1.90	533.51%	60.64%
		SINC WC0092 1 31.7m	<0.01	0.03	0.42%	0.05%	8.27%	0.94%	1.90	530.87%	60.34%
		SINC WC0092 1 41.7m	<0.01	0.02	0.37%	0.04%	6.63%	0.75%	1.89	529.23%	60.15%
		SINC WC0092 1 51.7m	<0.01	0.02	0.28%	0.03%	5.57%	0.63%	1.89	528.18%	60.03%
		SINC WC0092 1 61.7m	<0.01	0.02	0.32%	0.04%	4.85%	0.55%	1.88	527.45%	59.95%
		SINC WC0092 1 71.7m	<0.01	0.02	0.25%	0.03%	4.27%	0.49%	1.88	526.87%	59.88%
		SINC WC0092 1 81.7m	<0.01	0.01	0.23%	0.03%	3.84%	0.44%	1.88	526.44%	59.83%
		SINC WC0092 1 91.7m	<0.01	0.01	0.22%	0.03%	3.47%	0.39%	1.88	526.08%	59.79%
		SINC WC0092 1 101.7m	<0.01	0.01	0.21%	0.02%	3.21%	0.36%	1.88	525.81%	59.76%
		SINC WC0092 1 111.7m	<0.01	0.01	0.21%	0.02%	2.98%	0.34%	1.88	525.58%	59.74%
		SINC WC0092 1 121.7m	<0.01	0.01	0.20%	0.02%	2.83%	0.32%	1.88	525.44%	59.72%
SINC WC0092 1 131.7m	<0.01	0.01	0.19%	0.02%	2.59%	0.29%	1.87	525.20%	59.69%		

Hampshire Water Transfer and Water Recycling Project
 Environmental Statement – Appendix 6.8 Construction road vehicle exhaust emissions assessment – Full ecological transect results – Acid deposition

Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0092_1_141.7m	<0.01	0.01	0.19%	0.02%	2.49%	0.28%	1.87	525.09%	59.68%
		SINC WC0092_1_151.7m	<0.01	0.01	0.19%	0.02%	2.33%	0.27%	1.87	524.94%	59.66%
		SINC WC0092_1_161.7m	<0.01	0.01	0.18%	0.02%	2.25%	0.26%	1.87	524.85%	59.65%
Wickham Meadow	SINC	SINC WC0344_1_0m	<0.01	-0.01	0.32%	0.04%	-1.81%	-0.22%	1.68	470.37%	57.18%
		SINC WC0344_1_10m	<0.01	-0.01	0.31%	0.04%	-1.66%	-0.20%	1.68	470.53%	57.19%
		SINC WC0344_1_20m	<0.01	-0.01	0.30%	0.04%	-1.57%	-0.19%	1.68	470.61%	57.20%
		SINC WC0344_1_30m	<0.01	-0.01	0.29%	0.04%	-1.44%	-0.18%	1.68	470.74%	57.22%
		SINC WC0344_1_40m	<0.01	<0.01	0.23%	0.03%	-1.38%	-0.17%	1.68	470.81%	57.23%
		SINC WC0344_1_50m	<0.01	<0.01	0.22%	0.03%	-1.31%	-0.16%	1.68	470.87%	57.24%
		SINC WC0344_1_60m	<0.01	<0.01	0.28%	0.03%	-1.20%	-0.15%	1.68	470.99%	57.25%
		SINC WC0344_1_70m	<0.01	<0.01	0.29%	0.04%	-1.14%	-0.14%	1.68	471.04%	57.26%
		SINC WC0087_1_3.6m	0.02	0.05	11.35%	0.18%	37.27%	0.61%	1.98	1393.40%	22.66%
		SINC WC0087_1_13.6m	0.01	0.04	8.32%	0.14%	31.65%	0.51%	1.97	1387.78%	22.57%
		SINC WC0087_1_23.6m	0.01	0.04	6.80%	0.11%	28.36%	0.46%	1.97	1384.49%	22.51%
		SINC WC0087_1_33.6m	0.01	0.04	5.87%	0.10%	26.19%	0.43%	1.99	1403.45%	22.82%
		SINC WC0087_1_43.6m	0.01	0.03	5.31%	0.09%	24.51%	0.40%	1.99	1401.76%	22.80%
		SINC WC0087_1_53.6m	0.01	0.03	4.74%	0.08%	23.09%	0.38%	1.99	1400.34%	22.77%
		SINC WC0087_1_63.6m	0.01	0.03	4.40%	0.07%	21.87%	0.36%	1.99	1399.12%	22.75%
		SINC WC0087_1_73.6m	0.01	0.03	4.12%	0.07%	20.92%	0.34%	1.99	1398.17%	22.74%
		SINC WC0087_1_83.6m	0.01	0.03	3.75%	0.06%	19.92%	0.32%	1.98	1397.17%	22.72%
		SINC WC0087_1_93.6m	0.01	0.03	3.55%	0.06%	19.13%	0.31%	1.98	1396.39%	22.71%
		SINC WC0087_1_103.6m	<0.01	0.03	3.24%	0.05%	18.25%	0.30%	1.98	1395.50%	22.69%
		SINC WC0087_1_113.6m	<0.01	0.02	3.08%	0.05%	17.55%	0.29%	1.98	1394.80%	22.68%
SINC WC0087_1_123.6m	<0.01	0.02	2.95%	0.05%	16.89%	0.27%	1.98	1394.14%	22.67%		
SINC WC0087_1_133.6m	<0.01	0.02	2.83%	0.05%	16.25%	0.26%	1.98	1393.51%	22.66%		
SINC WC0087_1_143.6m	<0.01	0.02	2.72%	0.04%	15.79%	0.26%	1.98	1393.05%	22.65%		
SINC WC0087_1_153.6m	<0.01	0.02	2.62%	0.04%	15.21%	0.25%	1.98	1392.47%	22.64%		
SINC WC0087_1_163.6m	<0.01	0.02	2.53%	0.04%	14.66%	0.24%	1.98	1391.91%	22.64%		
SINC WC0087_1_173.6m	<0.01	0.02	2.30%	0.04%	13.99%	0.23%	1.98	1391.24%	22.62%		
Lower Upham Meadow	SINC	SINC WC0159_1_6.8m	<0.01	0.01	0.13%	0.03%	1.11%	0.23%	1.04	96.88%	20.46%
		SINC WC0159_1_16.8m	<0.01	0.01	0.09%	0.02%	0.93%	0.20%	1.04	96.70%	20.42%
		SINC WC0159_1_26.8m	<0.01	0.01	0.07%	0.02%	0.83%	0.18%	1.03	96.60%	20.40%
		SINC WC0159_1_36.8m	<0.01	0.01	0.05%	0.01%	0.75%	0.16%	1.03	96.52%	20.38%
		SINC WC0159_1_46.8m	<0.01	0.01	0.05%	0.01%	0.68%	0.14%	1.03	96.45%	20.37%

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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0159 1 56.8m	<0.01	0.01	0.04%	0.01%	0.63%	0.13%	1.03	96.40%	20.36%
		SINC WC0159 1 66.8m	<0.01	0.01	0.04%	0.01%	0.58%	0.12%	1.03	96.35%	20.35%
		SINC WC0159 1 76.8m	<0.01	0.01	0.04%	0.01%	0.54%	0.11%	1.03	96.31%	20.34%
		SINC WC0159 1 86.8m	<0.01	0.01	0.04%	0.01%	0.50%	0.11%	1.03	96.27%	20.33%
		SINC WC0159 1 96.8m	<0.01	0.01	0.04%	0.01%	0.48%	0.10%	1.03	96.25%	20.33%
		SINC WC0159 1 106.8m	<0.01	<0.01	0.03%	0.01%	0.45%	0.09%	1.03	96.22%	20.32%
		SINC WC0159 1 116.8m	<0.01	<0.01	0.03%	0.01%	0.42%	0.09%	1.03	96.19%	20.32%
Blacknells Brickworks	SINC	SINC WC0094 1 141.1m	<0.01	0.01	0.13%	0.02%	2.50%	0.28%	1.87	525.10%	59.68%
		SINC WC0094 1 151.1m	<0.01	0.01	0.13%	0.01%	2.34%	0.27%	1.87	524.95%	59.66%
		SINC WC0094 1 161.1m	<0.01	0.01	0.18%	0.02%	2.26%	0.26%	1.87	524.86%	59.65%
		SINC WC0094 1 171.1m	<0.01	0.01	0.12%	0.01%	2.13%	0.24%	1.87	524.73%	59.64%
		SINC WC0094 1 181.1m	<0.01	0.01	0.18%	0.02%	2.06%	0.23%	1.87	524.66%	59.63%
		SINC WC0094 1 191.1m	<0.01	0.01	0.17%	0.02%	1.94%	0.22%	1.87	524.54%	59.62%
		SINC WC0094 1 201.1m	<0.01	0.01	0.17%	0.02%	1.94%	0.22%	1.87	524.55%	59.62%
Temple Usk Meadow	SINC	SINC WC0084 1 74.4m	<0.01	0.01	0.05%	0.01%	0.85%	0.18%	1.05	98.49%	20.80%
		SINC WC0084 1 84.4m	<0.01	0.01	0.05%	0.01%	0.78%	0.16%	1.05	98.42%	20.79%
		SINC WC0084 1 94.4m	<0.01	0.01	0.05%	0.01%	0.71%	0.15%	1.05	98.35%	20.77%
		SINC WC0084 1 104.4m	<0.01	0.01	0.05%	0.01%	0.65%	0.14%	1.05	98.28%	20.76%
		SINC WC0084 1 114.4m	<0.01	0.01	0.05%	0.01%	0.60%	0.13%	1.05	98.24%	20.75%
		SINC WC0084 1 124.4m	<0.01	0.01	0.04%	0.01%	0.56%	0.12%	1.05	98.20%	20.74%
		SINC WC0084 1 134.4m	<0.01	0.01	0.04%	0.01%	0.53%	0.11%	1.05	98.17%	20.73%
		SINC WC0084 1 144.4m	<0.01	0.01	0.04%	0.01%	0.50%	0.11%	1.05	98.14%	20.73%
		SINC WC0084 1 154.4m	<0.01	0.01	0.04%	0.01%	0.47%	0.10%	1.05	98.11%	20.72%
		SINC WC0084 1 164.4m	<0.01	<0.01	0.04%	0.01%	0.46%	0.10%	1.05	98.09%	20.72%
		SINC WC0084 1 174.4m	<0.01	<0.01	0.04%	0.01%	0.44%	0.09%	1.05	98.08%	20.71%
		SINC WC0084 1 184.4m	<0.01	<0.01	0.04%	0.01%	0.42%	0.09%	1.05	98.05%	20.71%

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			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0084 1 194.4m	<0.01	<0.01	0.03%	0.01%	0.39%	0.08%	1.05	98.03%	20.70%
Church of The Holy Trinity	SINC	SINC WC0088 1 3.2m	<0.01	0.07	0.27%	0.06%	6.38%	1.35%	1.10	103.08%	21.77%
		SINC WC0088 1 13.2m	<0.01	0.03	0.16%	0.03%	3.26%	0.69%	1.07	99.97%	21.11%
Shawford Down	SINC	SINC WC0072 1 0.9m	0.01	0.04	8.82%	0.11%	26.99%	0.34%	1.95	1376.07%	17.46%
		SINC WC0072 1 10.9m	0.01	0.03	6.73%	0.09%	21.71%	0.28%	1.95	1370.80%	17.40%
		SINC WC0072 1 20.9m	0.01	0.03	5.76%	0.07%	18.65%	0.24%	1.94	1367.73%	17.36%
		SINC WC0072 1 30.9m	0.01	0.02	4.97%	0.06%	16.38%	0.21%	1.94	1365.47%	17.33%
		SINC WC0072 1 40.9m	0.01	0.02	4.34%	0.06%	14.58%	0.18%	1.94	1363.66%	17.31%
		SINC WC0072 1 50.9m	0.01	0.02	3.96%	0.05%	13.22%	0.17%	1.93	1362.30%	17.29%
		SINC WC0072 1 60.9m	0.01	0.02	3.66%	0.05%	12.07%	0.15%	1.93	1361.16%	17.27%
		SINC WC0072 1 70.9m	<0.01	0.02	3.41%	0.04%	11.22%	0.14%	1.93	1360.31%	17.26%
		SINC WC0072 1 80.9m	<0.01	0.01	3.06%	0.04%	10.34%	0.13%	1.93	1359.42%	17.25%
		SINC WC0072 1 90.9m	<0.01	0.01	2.74%	0.63%	9.54%	2.18%	1.93	1358.63%	310.67%
		SINC WC0072 1 100.9m	<0.01	0.01	2.73%	0.62%	9.11%	2.08%	1.92	1351.16%	308.96%
		SINC WC0072 1 110.9m	<0.01	0.01	2.45%	0.56%	8.60%	1.97%	1.92	1350.64%	308.84%
		SINC WC0072 1 120.9m	<0.01	0.01	2.48%	0.57%	8.12%	1.86%	1.92	1350.16%	308.73%
		SINC WC0072 1 130.9m	<0.01	0.01	2.24%	0.51%	7.83%	1.79%	1.92	1349.87%	308.67%
		SINC WC0072 1 140.9m	<0.01	0.01	2.14%	0.49%	7.28%	1.66%	1.91	1342.28%	306.93%
		SINC WC0072 1 150.9m	<0.01	0.01	2.06%	0.47%	7.04%	1.61%	1.91	1342.04%	306.88%
		SINC WC0072 1 160.9m	<0.01	0.01	1.84%	0.42%	6.68%	1.53%	1.91	1341.68%	306.79%
		SINC WC0072 1 170.9m	<0.01	0.01	1.78%	0.41%	6.35%	1.45%	1.90	1341.35%	306.72%
SINC WC0072 1 180.9m	<0.01	0.01	1.71%	0.39%	6.17%	1.41%	1.90	1341.17%	306.68%		
SINC WC0072 1 190.9m	<0.01	0.01	0.90%	0.41%	3.00%	1.37%	1.90	668.15%	306.64%		
Long Mead	SINC	SINC WC0055 1 79.8m	0.01	0.02	1.90%	0.45%	6.17%	1.47%	1.92	674.83%	160.67%
		SINC WC0055 1 89.8m	0.01	0.02	1.77%	0.42%	5.71%	1.36%	1.92	674.38%	160.57%
		SINC WC0055 1 99.8m	<0.01	0.01	1.59%	0.38%	5.25%	1.25%	1.92	673.92%	160.46%
		SINC WC0055 1 109.8m	<0.01	0.01	1.50%	0.36%	4.91%	1.17%	1.92	673.57%	160.37%
Finches Copse	SINC	SINC WC0086 1 82.5m	<0.01	0.01	0.23%	0.03%	2.69%	0.31%	1.88	525.29%	59.70%
		SINC WC0086 1 92.5m	<0.01	0.01	0.22%	0.03%	2.46%	0.28%	1.87	525.07%	59.68%
		SINC WC0086 1 102.5m	<0.01	0.01	0.22%	0.02%	2.27%	0.26%	1.87	524.88%	59.66%
		SINC WC0086 1 112.5m	<0.01	0.01	0.21%	0.02%	2.10%	0.24%	1.87	524.71%	59.64%

Hampshire Water Transfer and Water Recycling Project
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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0086_1_122.5m	<0.01	0.01	0.21%	0.02%	2.01%	0.23%	1.87	524.62%	59.63%
		SINC WC0086_1_132.5m	<0.01	0.01	0.21%	0.02%	1.87%	0.21%	1.87	524.48%	59.61%
		SINC WC0086_1_142.5m	<0.01	0.01	0.20%	0.02%	1.80%	0.20%	1.87	524.41%	59.60%
		SINC WC0086_1_152.5m	<0.01	0.01	0.20%	0.02%	1.68%	0.19%	1.87	524.29%	59.59%
		SINC WC0086_1_162.5m	<0.01	0.01	0.20%	0.02%	1.63%	0.18%	1.87	524.23%	59.58%
		SINC WC0086_1_172.5m	<0.01	0.01	0.20%	0.02%	1.58%	0.18%	1.87	524.18%	59.58%
		SINC WC0086_1_182.5m	<0.01	0.01	0.19%	0.02%	1.54%	0.17%	1.87	524.14%	59.57%
		SINC WC0086_1_192.5m	<0.01	0.01	0.19%	0.02%	1.50%	0.17%	1.87	524.10%	59.57%
		SINC WC0086_1_202.5m	<0.01	0.01	0.19%	0.02%	1.40%	0.16%	1.87	524.01%	59.56%
St. Catherine's Hill	SSSI	SSSI SU485274_1_0m	0.01	0.05	1.71%	0.30%	5.46%	0.96%	1.13	132.29%	23.32%
		SSSI SU485274_1_10m	0.01	0.02	0.88%	0.15%	2.89%	0.51%	1.11	129.73%	22.87%
		SSSI SU485274_1_20m	0.01	0.02	0.63%	0.11%	2.09%	0.37%	1.10	128.93%	22.73%
		SSSI SU485274_1_30m	<0.01	0.01	0.50%	0.09%	1.67%	0.29%	1.10	128.50%	22.65%
		SSSI SU485274_1_40m	<0.01	0.01	0.41%	0.07%	1.40%	0.25%	1.10	128.23%	22.60%
		SSSI SU485274_1_50m	<0.01	0.01	0.35%	0.06%	1.19%	0.21%	1.10	128.03%	22.57%
		SSSI SU485274_1_60m	<0.01	0.01	0.30%	0.05%	1.05%	0.19%	1.09	127.89%	22.54%
		SSSI SU485274_1_70m	<0.01	0.01	0.28%	0.05%	0.94%	0.17%	1.09	127.78%	22.52%
		SSSI SU485274_1_80m	<0.01	0.01	0.25%	0.04%	0.85%	0.15%	1.09	127.68%	22.51%
		SSSI SU485274_1_90m	<0.01	0.01	0.23%	0.04%	0.79%	0.14%	1.09	127.63%	22.50%
		SSSI SU485274_1_100m	<0.01	0.01	0.21%	0.04%	0.72%	0.13%	1.09	127.55%	22.48%
		SSSI SU485274_1_110m	<0.01	0.01	0.19%	0.03%	0.67%	0.12%	1.09	127.50%	22.48%
		SSSI SU485274_1_120m	<0.01	0.01	0.19%	0.03%	0.63%	0.11%	1.09	127.47%	22.47%
		SSSI SU485274_1_130m	<0.01	0.01	0.16%	0.03%	0.59%	0.10%	1.09	127.43%	22.46%
		SSSI SU485274_1_140m	<0.01	<0.01	0.16%	0.03%	0.55%	0.10%	1.09	127.39%	22.46%
SSSI SU485274_1_150m	<0.01	<0.01	0.15%	0.03%	0.53%	0.09%	1.09	127.37%	22.45%		
SSSI SU485274_1_160m	<0.01	<0.01	0.14%	0.02%	0.50%	0.09%	1.09	127.33%	22.45%		
St. Catherine's Hill	SSSI	SSSI SU485274_2_0m	0.02	0.07	2.47%	0.44%	7.79%	1.37%	1.15	134.63%	23.73%
		SSSI SU485274_2_10m	0.01	0.04	1.33%	0.23%	4.28%	0.75%	1.12	131.11%	23.11%
		SSSI SU485274_2_20m	0.01	0.03	0.95%	0.17%	3.10%	0.55%	1.11	129.93%	22.90%
		SSSI SU485274_2_30m	0.01	0.02	0.75%	0.13%	2.46%	0.43%	1.11	129.29%	22.79%
		SSSI SU485274_2_40m	0.01	0.02	0.62%	0.11%	2.05%	0.36%	1.10	128.88%	22.72%
		SSSI SU485274_2_50m	<0.01	0.02	0.52%	0.09%	1.75%	0.31%	1.10	128.59%	22.67%
Otterbourne Hill Common	SINC	SINC WC0054_1_32m	0.01	0.03	3.50%	0.83%	11.23%	2.67%	1.94	679.90%	161.88%
		SINC WC0054_1_42m	0.01	0.03	2.95%	0.70%	9.57%	2.28%	1.93	678.24%	161.49%
		SINC WC0054_1_52m	0.01	0.02	2.55%	0.61%	8.32%	1.98%	1.93	676.99%	161.19%
		SINC WC0054_1_62m	0.01	0.02	2.24%	0.53%	7.38%	1.76%	1.93	676.05%	160.96%

Hampshire Water Transfer and Water Recycling Project
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Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0054 1 72m	0.01	0.02	2.05%	0.49%	6.68%	1.59%	1.92	675.35%	160.80%
		SINC WC0054 1 82m	0.01	0.02	1.90%	0.45%	6.09%	1.45%	1.92	674.76%	160.66%
		SINC WC0054 1 92m	0.01	0.02	1.78%	0.42%	5.66%	1.35%	1.92	674.33%	160.55%
		SINC WC0054 1 102m	<0.01	0.01	1.61%	0.38%	5.22%	1.24%	1.92	673.88%	160.45%
		SINC WC0054 1 112m	<0.01	0.01	1.52%	0.36%	4.89%	1.16%	1.92	673.56%	160.37%
		SINC WC0054 1 122m	<0.01	0.01	1.45%	0.35%	4.60%	1.10%	1.92	673.27%	160.30%
		SINC WC0054 1 132m	<0.01	0.01	1.39%	0.33%	4.35%	1.03%	1.92	673.01%	160.24%
		SINC WC0054 1 142m	<0.01	0.01	1.35%	0.32%	4.19%	1.00%	1.92	672.85%	160.20%
		SINC WC0054 1 152m	<0.01	0.01	1.23%	0.29%	3.90%	0.93%	1.92	672.57%	160.14%
		SINC WC0054 1 162m	<0.01	0.01	1.27%	0.30%	3.85%	0.92%	1.92	672.52%	160.12%
		SINC WC0054 1 172m	<0.01	0.01	1.24%	0.30%	3.68%	0.88%	1.92	672.34%	160.08%
		SINC WC0054 1 182m	<0.01	0.01	1.15%	0.27%	3.52%	0.84%	1.92	672.18%	160.04%
		SINC WC0054 1 192m	<0.01	0.01	1.21%	0.29%	3.44%	0.82%	1.92	672.11%	160.03%
		SINC WC0054 1 202m	<0.01	0.01	1.20%	0.29%	3.38%	0.80%	1.92	672.05%	160.01%
Taylor's Copse	SINC	SINC WC0083 1 112.7m	<0.01	0.01	0.29%	0.03%	2.98%	0.34%	1.91	533.99%	60.61%
		SINC WC0083 1 122.7m	<0.01	0.01	0.29%	0.03%	2.78%	0.32%	1.91	533.79%	60.59%
		SINC WC0083 1 132.7m	<0.01	0.01	0.22%	0.03%	2.61%	0.30%	1.91	533.62%	60.57%
		SINC WC0083 1 142.7m	<0.01	0.01	0.22%	0.02%	2.45%	0.28%	1.90	533.46%	60.55%
		SINC WC0083 1 152.7m	<0.01	0.01	0.21%	0.02%	2.30%	0.26%	1.90	533.31%	60.54%
		SINC WC0083 1 162.7m	<0.01	0.01	0.21%	0.02%	2.22%	0.25%	1.90	533.23%	60.53%
		SINC WC0083 1 172.7m	<0.01	0.01	0.21%	0.02%	2.15%	0.24%	1.90	533.16%	60.52%
		SINC WC0083 1 182.7m	<0.01	0.01	0.15%	0.02%	2.03%	0.23%	1.90	533.04%	60.51%
Martin's Copse	SINC	SINC WC0338 1 197m	<0.01	<0.01	0.15%	0.02%	-0.95%	-0.12%	1.68	471.23%	57.28%
Fisher's Pond Wood	SINC	SINC WC0101 1 128m	<0.01	0.01	0.24%	0.03%	2.84%	0.32%	1.86	519.84%	59.12%
		SINC WC0101 1 138m	<0.01	0.01	0.23%	0.03%	2.72%	0.31%	1.86	519.72%	59.11%
		SINC WC0101 1 148m	<0.01	0.01	0.23%	0.03%	2.56%	0.29%	1.85	519.56%	59.09%
		SINC WC0101 1 158m	<0.01	0.01	0.22%	0.03%	2.41%	0.27%	1.85	519.41%	59.07%
		SINC WC0101 1 168m	<0.01	0.01	0.22%	0.02%	2.33%	0.26%	1.85	519.33%	59.06%
		SINC WC0101 1 178m	<0.01	0.01	0.21%	0.02%	2.25%	0.26%	1.86	522.06%	59.34%
		SINC WC0101 1 188m	<0.01	0.01	0.27%	0.03%	2.19%	0.25%	1.86	521.99%	59.33%
		SINC WC0101 1 198m	<0.01	0.01	0.27%	0.03%	2.07%	0.24%	1.86	521.88%	59.32%
Hockley Golf Course	SINC	SINC WC0087 2 12.7m	0.01	0.07	5.47%	0.07%	49.08%	0.62%	2.00	1405.21%	17.83%
		SINC WC0087 2 22.7m	0.01	0.05	4.42%	0.07%	35.44%	0.58%	1.98	1391.57%	22.63%
		SINC WC0087 2 32.7m	0.01	0.04	3.82%	0.06%	28.43%	0.46%	2.00	1405.68%	22.86%
		SINC WC0087 2 42.7m	0.01	0.03	3.53%	0.06%	24.12%	0.39%	1.99	1401.37%	22.79%
		SINC WC0087 2 52.7m	<0.01	0.03	3.34%	0.05%	21.32%	0.35%	1.99	1398.58%	22.74%
		SINC WC0087 2 62.7m	<0.01	0.03	3.05%	0.05%	19.13%	0.31%	1.98	1396.38%	22.71%

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			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0087 2 72.7m	<0.01	0.02	2.93%	0.05%	17.60%	0.29%	1.98	1394.86%	22.68%
		SINC WC0087 2 82.7m	<0.01	0.02	2.83%	0.05%	16.47%	0.27%	1.98	1393.73%	22.66%
		SINC WC0087 2 92.7m	<0.01	0.02	2.61%	0.04%	15.24%	0.25%	1.98	1392.49%	22.64%
		SINC WC0087 2 102.7m	<0.01	0.02	2.68%	0.04%	14.42%	0.23%	1.98	1391.68%	22.63%
		SINC WC0087 2 112.7m	<0.01	0.02	2.48%	0.04%	13.71%	0.22%	1.98	1390.96%	22.62%
		SINC WC0087 2 122.7m	<0.01	0.02	2.57%	0.04%	13.07%	0.21%	1.97	1390.32%	22.61%
		SINC WC0087 2 132.7m	<0.01	0.02	2.52%	0.04%	12.49%	0.20%	1.97	1389.74%	22.60%
		SINC WC0087 2 142.7m	<0.01	0.02	2.32%	0.04%	11.96%	0.19%	1.97	1389.21%	22.59%
		SINC WC0087 2 152.7m	<0.01	0.02	2.43%	0.04%	11.61%	0.19%	1.97	1388.86%	22.59%
		SINC WC0087 2 162.7m	<0.01	0.02	2.24%	0.04%	11.16%	0.18%	1.97	1388.41%	22.58%
		SINC WC0087 2 172.7m	<0.01	0.02	2.20%	0.04%	10.73%	0.17%	1.97	1387.98%	22.57%
		SINC WC0087 2 182.7m	<0.01	0.01	2.17%	0.04%	10.47%	0.17%	1.97	1387.73%	22.57%
		SINC WC0087 2 192.7m	<0.01	0.01	2.14%	0.03%	10.09%	0.16%	1.97	1387.34%	22.56%
		SINC WC0087 2 202.7m	<0.01	0.01	2.11%	0.03%	9.87%	0.16%	1.97	1387.13%	22.56%
Castle/Woodend Copses	AW	AW 1488208 1 61m	<0.01	0.01	1.41%	0.34%	4.58%	1.09%	1.92	673.25%	160.30%
		AW 1488208 1 71m	<0.01	0.01	1.21%	0.29%	4.07%	0.97%	1.92	672.73%	160.17%
		AW 1488208 1 81m	<0.01	0.01	1.11%	0.26%	3.63%	0.86%	1.92	672.30%	160.07%
		AW 1488208 1 91m	<0.01	0.01	0.96%	0.23%	3.32%	0.79%	1.92	671.99%	160.00%
		AW 1488208 1 101m	<0.01	0.01	0.89%	0.21%	3.05%	0.73%	1.91	671.72%	159.93%
		AW 1488208 1 111m	<0.01	0.01	0.90%	0.21%	2.88%	0.69%	1.91	671.55%	159.89%
		AW 1488208 1 121m	<0.01	0.01	0.78%	0.19%	2.67%	0.64%	1.91	671.34%	159.84%
		AW 1488208 1 131m	<0.01	0.01	0.74%	0.18%	2.47%	0.59%	1.91	671.14%	159.80%
		AW 1488208 1 141m	<0.01	0.01	0.70%	0.17%	2.29%	0.55%	1.91	670.96%	159.75%
AW 1488208 1 151m	<0.01	0.01	0.67%	0.16%	2.20%	0.52%	1.91	670.87%	159.73%		
Colden Common Meadow & Woodland	SINC	SINC WC0089 2 4m	<0.01	0.10	1.28%	0.15%	28.25%	3.21%	1.97	550.86%	62.61%
		SINC WC0089 2 14m	<0.01	0.05	0.75%	0.09%	14.95%	1.70%	1.92	537.55%	61.10%
		SINC WC0089 2 24m	<0.01	0.04	0.56%	0.06%	10.28%	1.17%	1.90	532.88%	60.57%
		SINC WC0089 2 34m	<0.01	0.03	0.43%	0.05%	7.84%	0.89%	1.89	530.44%	60.29%
		SINC WC0089 2 44m	<0.01	0.02	0.38%	0.04%	6.45%	0.73%	1.89	529.05%	60.13%
		SINC WC0089 2 54m	<0.01	0.02	0.35%	0.04%	5.46%	0.62%	1.89	528.06%	60.02%
		SINC WC0089 2 64m	<0.01	0.02	0.33%	0.04%	4.78%	0.54%	1.88	527.39%	59.94%
		SINC WC0089 2 74m	<0.01	0.02	0.26%	0.03%	4.23%	0.48%	1.88	526.84%	59.88%
		SINC WC0089 2 84m	<0.01	0.01	0.24%	0.03%	3.82%	0.43%	1.88	526.43%	59.83%
SINC WC0089 2 94m	<0.01	0.01	0.23%	0.03%	3.47%	0.39%	1.88	526.08%	59.79%		

Hampshire Water Transfer and Water Recycling Project
 Environmental Statement – Appendix 6.8 Construction road vehicle exhaust emissions assessment – Full ecological transect results – Acid deposition

Ecological feature	Designation	Transect ID and distance from road link	Maximum acid deposition contribution						Total acid deposition concentration including background		
			Change in acid deposition (keq.ha.y ⁻¹)		Proposed Development alone change as % of CLo		Proposed Development and cumulative change as % of CLo		With Proposed Development and cumulative (keq.ha.y ⁻¹)	as % of Lower CLo	as % of Upper CLo
			Contribution from Proposed Development alone	Contribution from Proposed Development and cumulative	Lower CLo	Upper CLo	Lower CLo	Upper CLo			
		SINC WC0089 2 104m	<0.01	0.01	0.22%	0.03%	3.22%	0.37%	1.88	525.82%	59.76%
		SINC WC0089 2 114m	<0.01	0.01	0.22%	0.02%	3.00%	0.34%	1.88	525.60%	59.74%
		SINC WC0089 2 124m	<0.01	0.01	0.21%	0.02%	2.80%	0.32%	1.88	525.40%	59.72%
River Itchen	SAC, SSSI	SAC SU475240 2 0m	0.03	0.11	8.99%	0.36%	31.89%	1.29%	2.04	571.30%	23.10%
		SAC SU475240 2 10m	0.02	0.07	4.98%	0.20%	19.28%	0.78%	1.99	558.69%	22.59%
		SAC SU475240 2 20m	0.01	0.05	3.62%	0.15%	14.84%	0.60%	1.98	554.25%	22.41%
		SAC SU475240 2 30m	0.01	0.04	2.91%	0.12%	12.46%	0.50%	1.97	551.87%	22.32%
		SAC SU475240 2 40m	0.01	0.04	2.51%	0.10%	10.82%	0.44%	1.96	550.23%	22.25%
		SAC SU475240 2 50m	0.01	0.03	2.11%	0.09%	9.59%	0.39%	1.96	549.00%	22.20%
		SAC SU475240 2 60m	0.01	0.03	1.91%	0.08%	8.72%	0.35%	1.96	548.13%	22.17%
		SAC SU475240 2 60m	0.01	0.03	1.91%	0.08%	8.72%	0.35%	1.96	548.13%	22.17%
River Itchen	SSSI	SSSI SU476240 2 55m	<0.01	0.02	0.91%	0.04%	5.21%	0.21%	1.94	544.63%	22.02%
		SSSI SU476240 2 65m	<0.01	0.02	0.84%	0.03%	4.59%	0.19%	1.94	544.00%	22.00%
		SSSI SU476240 2 75m	<0.01	0.01	0.79%	0.03%	4.13%	0.17%	1.94	543.54%	21.98%
		SSSI SU476240 2 85m	<0.01	0.01	0.68%	0.03%	3.73%	0.15%	1.94	543.14%	21.96%
		SSSI SU476240 2 95m	<0.01	0.01	0.64%	0.03%	3.39%	0.14%	1.94	542.80%	21.95%
		SSSI SU476240 2 105m	<0.01	0.01	0.60%	0.02%	3.13%	0.13%	1.94	542.55%	21.94%
		SSSI SU476240 2 115m	<0.01	0.01	0.57%	0.02%	2.91%	0.12%	1.94	542.32%	21.93%
		SSSI SU476240 2 125m	<0.01	0.01	0.54%	0.02%	2.71%	0.11%	1.94	542.12%	21.92%
		SSSI SU476240 2 135m	<0.01	0.01	0.46%	0.02%	2.53%	0.10%	1.93	541.94%	21.92%
		SSSI SU476240 2 145m	<0.01	0.01	0.44%	0.02%	2.42%	0.10%	1.93	541.83%	21.91%
		SSSI SU476240 2 155m	<0.01	0.01	0.42%	0.02%	2.27%	0.09%	1.93	541.68%	21.91%
		SSSI SU476240 2 165m	<0.01	0.01	0.40%	0.02%	2.12%	0.09%	1.93	541.53%	21.90%
		SSSI SU476240 2 175m	<0.01	0.01	0.44%	0.02%	2.04%	0.08%	1.93	541.46%	21.90%
		SSSI SU476240 2 185m	<0.01	0.01	0.37%	0.01%	1.97%	0.08%	1.93	541.39%	21.89%
		SSSI SU476240 2 195m	<0.01	0.01	0.36%	0.01%	1.85%	0.07%	1.93	541.26%	21.89%

Note: NC = No comparable habitat with established Critical Load estimate available.



from
Southern
Water. 

The logo graphic for Southern Water, featuring three stylized white waves of varying lengths, with the longest wave on the right.