



Northamptonshire County Council

APPENDIX 6-5

Ecological Assessment Detailed Results and
Impacts





Northamptonshire County Council

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Ecological Assessment Detailed Results and Impacts

TYPE OF DOCUMENT (VERSION) PUBLIC

PROJECT NO. 70021598

OUR REF. NO. 001

DATE: MAY 2019

WSP

No 8 First Street

Manchester

M15 4RP

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6. ECOLOGICAL ASSESSMENT DETAILED RESULTS AND IMPACTS

- 6.1.1. The NO_x concentrations and N-Deposition for transect points modelled at 10m intervals from the nearest modelled roads across The Nene Valley Gravel Pits are presented in **Tables 6-5-1, 6-5-2, 6-5-3 and 6-5-4**.
- 6.1.2. The Upper and Lower critical load ranges included in Tables **6-5-3** and **6-5-4** are based on the feature specific values from **Table 6-11** of the ES Chapter.

Table 6-5-1 – 2021 Annual Mean NO_x Concentrations at Upper Nene Valley Gravel Pits

Receptor	Distance from Designated Site Boundary Nearest Road (m)	2018 Base (µg/m ³)	2021 DM (µg/m ³)	2021 DS (µg/m ³)	Significance
Transect 1					
ER1	0	47.83	38.03	37.76	Imperceptible
ER2	10	45.72	36.41	36.19	Imperceptible
ER3	20	43.88	35.05	34.84	Imperceptible
ER4	30	42.25	33.81	33.59	Imperceptible
ER5	40	39.79	31.84	31.62	Imperceptible
ER6	50	38.50	30.87	30.70	Imperceptible
ER7	60	37.36	30.00	29.84	Imperceptible
ER8	70	36.28	29.24	29.03	Imperceptible
ER9	80	35.30	28.54	28.32	Imperceptible
ER10	90	34.44	27.84	27.67	Imperceptible
ER11	100	33.62	27.24	27.08	Imperceptible
ER12	110	32.92	26.70	26.54	Imperceptible

Receptor	Distance from Designated Site Boundary Nearest Road (m)	2018 Base ($\mu\text{g}/\text{m}^3$)	2021 DM ($\mu\text{g}/\text{m}^3$)	2021 DS ($\mu\text{g}/\text{m}^3$)	Significance
ER13	120	32.22	26.21	26.05	Imperceptible
ER14	130	31.57	25.73	25.56	Imperceptible
ER15	140	31.03	25.29	25.13	Imperceptible
ER16	150	30.43	24.86	24.75	Imperceptible
ER17	160	29.94	24.48	24.37	Imperceptible
ER18	170	29.46	24.10	23.99	Imperceptible
ER19	180	29.02	23.78	23.67	Imperceptible
ER20	190	28.59	23.45	23.34	Imperceptible
ER21	200	28.27	23.24	23.13	Imperceptible
Transect 2					
ER22	0	37.76	30.45	30.29	Imperceptible
ER23	10	36.52	29.53	29.37	Imperceptible
ER24	20	35.38	28.67	28.56	Imperceptible
ER25	30	34.41	27.91	27.80	Imperceptible
ER26	40	33.49	27.26	27.10	Imperceptible
ER27	50	32.62	26.61	26.50	Imperceptible
ER28	60	31.86	26.02	25.91	Imperceptible
ER29	70	31.16	25.53	25.37	Imperceptible
ER30	80	30.51	25.04	24.88	Imperceptible

Receptor	Distance from Designated Site Boundary Nearest Road (m)	2018 Base ($\mu\text{g}/\text{m}^3$)	2021 DM ($\mu\text{g}/\text{m}^3$)	2021 DS ($\mu\text{g}/\text{m}^3$)	Significance
ER31	90	29.91	24.56	24.45	Imperceptible
ER32	100	29.32	24.18	24.07	Imperceptible
ER33	110	28.83	23.74	23.64	Imperceptible
ER34	120	28.34	23.42	23.31	Imperceptible
ER35	130	27.91	23.09	22.99	Imperceptible
ER36	140	27.48	22.77	22.66	Imperceptible
ER37	150	27.05	22.44	22.34	Imperceptible
ER38	160	26.67	22.17	22.07	Imperceptible
ER39	170	26.34	21.90	21.80	Imperceptible
ER40	180	26.02	21.69	21.58	Imperceptible
ER41	190	25.69	21.42	21.36	Imperceptible
ER42	200	25.42	21.25	21.15	Imperceptible

Table 6-5-2 – 2031 Annual Mean NO_x Concentrations at Upper Nene Valley Gravel Pits

Receptor	Distance from Designated Site Boundary Nearest Road (m)	2018 Base ($\mu\text{g}/\text{m}^3$)	2031 DM ($\mu\text{g}/\text{m}^3$)	2031 DS ($\mu\text{g}/\text{m}^3$)	Significance
Transect 1					
ER1	0	47.83	20.22	22.55	Medium deterioration

Receptor	Distance from Designated Site Boundary Nearest Road (m)	2018 Base ($\mu\text{g}/\text{m}^3$)	2031 DM ($\mu\text{g}/\text{m}^3$)	2031 DS ($\mu\text{g}/\text{m}^3$)	Significance
ER2	10	45.72	19.57	21.79	Medium deterioration
ER3	20	43.88	19.03	21.14	Medium deterioration
ER4	30	42.25	18.60	20.54	Small deterioration
ER5	40	39.79	17.43	19.33	Small deterioration
ER6	50	38.50	17.05	18.84	Small deterioration
ER7	60	37.36	16.73	18.41	Small deterioration
ER8	70	36.28	16.40	18.03	Small deterioration
ER9	80	35.30	16.13	17.70	Small deterioration
ER10	90	34.44	15.86	17.38	Small deterioration
ER11	100	33.62	15.65	17.11	Small deterioration
ER12	110	32.92	15.43	16.84	Small deterioration
ER13	120	32.22	15.27	16.57	Small deterioration
ER14	130	31.57	15.05	16.35	Small deterioration
ER15	140	31.03	14.89	16.13	Small deterioration

Receptor	Distance from Designated Site Boundary Nearest Road (m)	2018 Base ($\mu\text{g}/\text{m}^3$)	2031 DM ($\mu\text{g}/\text{m}^3$)	2031 DS ($\mu\text{g}/\text{m}^3$)	Significance
ER16	150	30.43	14.73	15.92	Small deterioration
ER17	160	29.94	14.56	15.75	Small deterioration
ER18	170	29.46	14.45	15.59	Small deterioration
ER19	180	29.02	14.29	15.43	Small deterioration
ER20	190	28.59	14.18	15.27	Small deterioration
ER21	200	28.27	14.08	15.16	Small deterioration
Transect 2					
ER22	0	37.76	17.24	18.87	Small deterioration
ER23	10	36.52	16.86	18.43	Small deterioration
ER24	20	35.38	16.54	18.05	Small deterioration
ER25	30	34.41	16.27	17.68	Small deterioration
ER26	40	33.49	16.00	17.35	Small deterioration
ER27	50	32.62	15.73	17.03	Small deterioration
ER28	60	31.86	15.51	16.76	Small deterioration

Receptor	Distance from Designated Site Boundary Nearest Road (m)	2018 Base ($\mu\text{g}/\text{m}^3$)	2031 DM ($\mu\text{g}/\text{m}^3$)	2031 DS ($\mu\text{g}/\text{m}^3$)	Significance
ER29	70	31.16	15.29	16.54	Small deterioration
ER30	80	30.51	15.13	16.27	Small deterioration
ER31	90	29.91	14.97	16.05	Small deterioration
ER32	100	29.32	14.81	15.89	Small deterioration
ER33	110	28.83	14.64	15.67	Small deterioration
ER34	120	28.34	14.48	15.51	Small deterioration
ER35	130	27.91	14.37	15.35	Small deterioration
ER36	140	27.48	14.27	15.19	Small deterioration
ER37	150	27.05	14.16	15.02	Small deterioration
ER38	160	26.67	14.05	14.92	Small deterioration
ER39	170	26.34	13.94	14.81	Small deterioration
ER40	180	26.02	13.83	14.64	Small deterioration
ER41	190	25.69	13.72	14.54	Small deterioration
ER42	200	25.42	13.67	14.48	Small deterioration

Table 6-5-3 – 2021 Total N-Deposition at Upper Nene Valley Gravel Pits

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
Transect 1								
ER1	0	Raised and blanket bogs	19.32	17.78	17.76	-0.01	-0.3%	-0.1%
ER2	10	Raised and blanket bogs	19.22	17.69	17.68	-0.01	-0.2%	-0.1%
ER3	20	Raised and blanket bogs	19.13	17.63	17.62	-0.01	-0.2%	-0.1%
ER4	30	Raised and blanket bogs	19.05	17.56	17.55	-0.01	-0.2%	-0.1%
ER5	40	Raised and blanket bogs	18.98	17.51	17.50	-0.01	-0.2%	-0.1%
ER6	50	Raised and blanket bogs	18.92	17.46	17.45	-0.01	-0.2%	-0.1%
ER7	60	Raised and blanket bogs	18.87	17.42	17.41	-0.01	-0.2%	-0.1%
ER8	70	Raised and blanket bogs	18.81	17.38	17.37	-0.01	-0.2%	-0.1%
ER9	80	Raised and	18.76	17.34	17.33	-0.01	-0.2%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		blanket bogs						
ER10	90	Raised and blanket bogs	18.72	17.31	17.30	-0.01	-0.2%	-0.1%
ER11	100	Raised and blanket bogs	18.68	17.28	17.27	-0.01	-0.2%	-0.1%
ER12	110	Raised and blanket bogs	18.64	17.25	17.24	-0.01	-0.2%	-0.1%
ER13	120	Raised and blanket bogs	18.61	17.22	17.21	-0.01	-0.2%	-0.1%
ER14	130	Raised and blanket bogs	18.58	17.20	17.19	-0.01	-0.2%	-0.1%
ER15	140	Raised and blanket bogs	18.55	17.18	17.17	-0.01	-0.2%	-0.1%
ER16	150	Raised and blanket bogs	18.52	17.15	17.15	0.00	-0.1%	0.0%
ER17	160	Raised and blanket bogs	18.49	17.13	17.13	0.00	-0.1%	0.0%
ER18	170	Raised and blanket bogs	18.47	17.11	17.11	-0.01	-0.1%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER19	180	Raised and blanket bogs	18.45	17.10	17.09	-0.01	-0.1%	-0.1%
ER20	190	Raised and blanket bogs	18.42	17.08	17.07	0.00	-0.1%	0.0%
ER21	200	Raised and blanket bogs	18.41	17.07	17.06	-0.01	-0.1%	-0.1%
Transect 2								
ER22	0	Raised and blanket bogs	18.83	17.39	17.39	-0.01	-0.2%	-0.1%
ER23	10	Raised and blanket bogs	18.77	17.35	17.34	-0.01	-0.2%	-0.1%
ER24	20	Raised and blanket bogs	18.72	17.30	17.30	0.00	-0.1%	0.0%
ER25	30	Raised and blanket bogs	18.67	17.26	17.26	-0.01	-0.1%	-0.1%
ER26	40	Raised and blanket bogs	18.62	17.23	17.22	-0.01	-0.2%	-0.1%
ER27	50	Raised and blanket bogs	18.58	17.20	17.19	-0.01	-0.1%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER28	60	Raised and blanket bogs	18.54	17.17	17.16	-0.01	-0.1%	-0.1%
ER29	70	Raised and blanket bogs	18.50	17.14	17.13	-0.01	-0.2%	-0.1%
ER30	80	Raised and blanket bogs	18.47	17.11	17.11	-0.01	-0.2%	-0.1%
ER31	90	Raised and blanket bogs	18.44	17.09	17.08	0.00	-0.1%	0.0%
ER32	100	Raised and blanket bogs	18.41	17.07	17.06	-0.01	-0.1%	-0.1%
ER33	110	Raised and blanket bogs	18.38	17.05	17.04	-0.01	-0.1%	-0.1%
ER34	120	Raised and blanket bogs	18.36	17.03	17.02	0.00	-0.1%	0.0%
ER35	130	Raised and blanket bogs	18.34	17.01	17.01	0.00	-0.1%	0.0%
ER36	140	Raised and blanket bogs	18.31	16.99	16.99	-0.01	-0.1%	-0.1%
ER37	150	Raised and	18.29	16.98	16.97	-0.01	-0.1%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		blanket bogs						
ER38	160	Raised and blanket bogs	18.27	16.96	16.96	-0.01	-0.1%	-0.1%
ER39	170	Raised and blanket bogs	18.25	16.95	16.94	0.00	-0.1%	0.0%
ER40	180	Raised and blanket bogs	18.24	16.94	16.93	-0.01	-0.1%	-0.1%
ER41	190	Raised and blanket bogs	18.22	16.92	16.92	0.00	-0.1%	0.0%
ER42	200	Raised and blanket bogs	18.21	16.91	16.91	-0.01	-0.1%	-0.1%
Transect 1								
ER1	0	Northern wet heath	19.32	17.78	17.76	-0.01	-0.1%	-0.1%
ER2	10	Northern wet heath	19.22	17.69	17.68	-0.01	-0.1%	-0.1%
ER3	20	Northern wet heath	19.13	17.63	17.62	-0.01	-0.1%	-0.1%
ER4	30	Northern wet heath	19.05	17.56	17.55	-0.01	-0.1%	-0.1%
ER5	40	Northern wet heath	18.98	17.51	17.50	-0.01	-0.1%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER6	50	Northern wet heath	18.92	17.46	17.45	-0.01	-0.1%	0.0%
ER7	60	Northern wet heath	18.87	17.42	17.41	-0.01	-0.1%	0.0%
ER8	70	Northern wet heath	18.81	17.38	17.37	-0.01	-0.1%	-0.1%
ER9	80	Northern wet heath	18.76	17.34	17.33	-0.01	-0.1%	-0.1%
ER10	90	Northern wet heath	18.72	17.31	17.30	-0.01	-0.1%	0.0%
ER11	100	Northern wet heath	18.68	17.28	17.27	-0.01	-0.1%	0.0%
ER12	110	Northern wet heath	18.64	17.25	17.24	-0.01	-0.1%	0.0%
ER13	120	Northern wet heath	18.61	17.22	17.21	-0.01	-0.1%	0.0%
ER14	130	Northern wet heath	18.58	17.20	17.19	-0.01	-0.1%	0.0%
ER15	140	Northern wet heath	18.55	17.18	17.17	-0.01	-0.1%	0.0%
ER16	150	Northern wet heath	18.52	17.15	17.15	0.00	0.0%	0.0%
ER17	160	Northern wet heath	18.49	17.13	17.13	0.00	0.0%	0.0%
ER18	170	Northern wet heath	18.47	17.11	17.11	-0.01	-0.1%	0.0%
ER19	180	Northern wet heath	18.45	17.10	17.09	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER20	190	Northern wet heath	18.42	17.08	17.07	0.00	0.0%	0.0%
ER21	200	Northern wet heath	18.41	17.07	17.06	-0.01	-0.1%	0.0%
Transect 2								
ER22	0	Northern wet heath	18.83	17.39	17.39	-0.01	-0.1%	0.0%
ER23	10	Northern wet heath	18.77	17.35	17.34	-0.01	-0.1%	0.0%
ER24	20	Northern wet heath	18.72	17.30	17.30	0.00	0.0%	0.0%
ER25	30	Northern wet heath	18.67	17.26	17.26	-0.01	-0.1%	0.0%
ER26	40	Northern wet heath	18.62	17.23	17.22	-0.01	-0.1%	0.0%
ER27	50	Northern wet heath	18.58	17.20	17.19	-0.01	-0.1%	0.0%
ER28	60	Northern wet heath	18.54	17.17	17.16	-0.01	-0.1%	0.0%
ER29	70	Northern wet heath	18.50	17.14	17.13	-0.01	-0.1%	0.0%
ER30	80	Northern wet heath	18.47	17.11	17.11	-0.01	-0.1%	0.0%
ER31	90	Northern wet heath	18.44	17.09	17.08	0.00	0.0%	0.0%
ER32	100	Northern wet heath	18.41	17.07	17.06	-0.01	-0.1%	0.0%
ER33	110	Northern wet heath	18.38	17.05	17.04	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER34	120	Northern wet heath	18.36	17.03	17.02	0.00	0.0%	0.0%
ER35	130	Northern wet heath	18.34	17.01	17.01	0.00	0.0%	0.0%
ER36	140	Northern wet heath	18.31	16.99	16.99	-0.01	-0.1%	0.0%
ER37	150	Northern wet heath	18.29	16.98	16.97	-0.01	-0.1%	0.0%
ER38	160	Northern wet heath	18.27	16.96	16.96	-0.01	-0.1%	0.0%
ER39	170	Northern wet heath	18.25	16.95	16.94	0.00	0.0%	0.0%
ER40	180	Northern wet heath	18.24	16.94	16.93	-0.01	-0.1%	0.0%
ER41	190	Northern wet heath	18.22	16.92	16.92	0.00	0.0%	0.0%
ER42	200	Northern wet heath	18.21	16.91	16.91	-0.01	-0.1%	0.0%
Transect 1								
ER1	0	Pioneer, low-mid, mid- upper, saltmarshes	19.32	17.78	17.76	-0.01	-0.1%	0.0%
ER2	10	Pioneer, low-mid, mid- upper, saltmarshes	19.22	17.69	17.68	-0.01	-0.1%	0.0%
ER3	20	Pioneer, low-mid, mid- upper, saltmarshes	19.13	17.63	17.62	-0.01	-0.1%	0.0%
ER4	30	Pioneer, low-mid,	19.05	17.56	17.55	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid- upper, saltmarshes						
ER5	40	Pioneer, low-mid, mid- upper, saltmarshes	18.98	17.51	17.50	-0.01	-0.1%	0.0%
ER6	50	Pioneer, low-mid, mid- upper, saltmarshes	18.92	17.46	17.45	-0.01	0.0%	0.0%
ER7	60	Pioneer, low-mid, mid- upper, saltmarshes	18.87	17.42	17.41	-0.01	0.0%	0.0%
ER8	70	Pioneer, low-mid, mid- upper, saltmarshes	18.81	17.38	17.37	-0.01	-0.1%	0.0%
ER9	80	Pioneer, low-mid, mid- upper, saltmarshes	18.76	17.34	17.33	-0.01	-0.1%	0.0%
ER10	90	Pioneer, low-mid, mid- upper, saltmarshes	18.72	17.31	17.30	-0.01	0.0%	0.0%
ER11	100	Pioneer, low-mid, mid- upper, saltmarshes	18.68	17.28	17.27	-0.01	0.0%	0.0%
ER12	110	Pioneer, low-mid, mid- upper, saltmarshes	18.64	17.25	17.24	-0.01	0.0%	0.0%
ER13	120	Pioneer, low-mid, mid- upper, saltmarshes	18.61	17.22	17.21	-0.01	0.0%	0.0%
ER14	130	Pioneer, low-mid,	18.58	17.20	17.19	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid- upper, saltmarshes						
ER15	140	Pioneer, low-mid, mid- upper, saltmarshes	18.55	17.18	17.17	-0.01	0.0%	0.0%
ER16	150	Pioneer, low-mid, mid- upper, saltmarshes	18.52	17.15	17.15	0.00	0.0%	0.0%
ER17	160	Pioneer, low-mid, mid- upper, saltmarshes	18.49	17.13	17.13	0.00	0.0%	0.0%
ER18	170	Pioneer, low-mid, mid- upper, saltmarshes	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER19	180	Pioneer, low-mid, mid- upper, saltmarshes	18.45	17.10	17.09	-0.01	0.0%	0.0%
ER20	190	Pioneer, low-mid, mid- upper, saltmarshes	18.42	17.08	17.07	0.00	0.0%	0.0%
ER21	200	Pioneer, low-mid, mid- upper, saltmarshes	18.41	17.07	17.06	-0.01	0.0%	0.0%
Transect 2								
ER22	0	Pioneer, low-mid, mid- upper, saltmarshes	18.83	17.39	17.39	-0.01	0.0%	0.0%
ER23	10	Pioneer, low-mid, mid- upper, saltmarshes	18.77	17.35	17.34	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER24	20	Pioneer, low-mid, mid- upper, saltmarshes	18.72	17.30	17.30	0.00	0.0%	0.0%
ER25	30	Pioneer, low-mid, mid- upper, saltmarshes	18.67	17.26	17.26	-0.01	0.0%	0.0%
ER26	40	Pioneer, low-mid, mid- upper, saltmarshes	18.62	17.23	17.22	-0.01	0.0%	0.0%
ER27	50	Pioneer, low-mid, mid- upper, saltmarshes	18.58	17.20	17.19	-0.01	0.0%	0.0%
ER28	60	Pioneer, low-mid, mid- upper, saltmarshes	18.54	17.17	17.16	-0.01	0.0%	0.0%
ER29	70	Pioneer, low-mid, mid- upper, saltmarshes	18.50	17.14	17.13	-0.01	0.0%	0.0%
ER30	80	Pioneer, low-mid, mid- upper, saltmarshes	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER31	90	Pioneer, low-mid, mid- upper, saltmarshes	18.44	17.09	17.08	0.00	0.0%	0.0%
ER32	100	Pioneer, low-mid, mid- upper, saltmarshes	18.41	17.07	17.06	-0.01	0.0%	0.0%
ER33	110	Pioneer, low-mid, mid- upper, saltmarshes	18.38	17.05	17.04	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER34	120	Pioneer, low-mid, mid-upper, saltmarshes	18.36	17.03	17.02	0.00	0.0%	0.0%
ER35	130	Pioneer, low-mid, mid-upper, saltmarshes	18.34	17.01	17.01	0.00	0.0%	0.0%
ER36	140	Pioneer, low-mid, mid-upper, saltmarshes	18.31	16.99	16.99	-0.01	0.0%	0.0%
ER37	150	Pioneer, low-mid, mid-upper, saltmarshes	18.29	16.98	16.97	-0.01	0.0%	0.0%
ER38	160	Pioneer, low-mid, mid-upper, saltmarshes	18.27	16.96	16.96	-0.01	0.0%	0.0%
ER39	170	Pioneer, low-mid, mid-upper, saltmarshes	18.25	16.95	16.94	0.00	0.0%	0.0%
ER40	180	Pioneer, low-mid, mid-upper, saltmarshes	18.24	16.94	16.93	-0.01	0.0%	0.0%
ER41	190	Pioneer, low-mid, mid-upper, saltmarshes	18.22	16.92	16.92	0.00	0.0%	0.0%
ER42	200	Pioneer, low-mid, mid-upper,	18.21	16.91	16.91	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		saltmarshes						
Transect 1								
ER1	0	Moss and lichen dominated mountain summits	19.32	17.78	17.76	-0.01	-0.3%	-0.1%
ER2	10	Moss and lichen dominated mountain summits	19.22	17.69	17.68	-0.01	-0.2%	-0.1%
ER3	20	Moss and lichen dominated mountain summits	19.13	17.63	17.62	-0.01	-0.2%	-0.1%
ER4	30	Moss and lichen dominated mountain summits	19.05	17.56	17.55	-0.01	-0.2%	-0.1%
ER5	40	Moss and lichen dominated mountain summits	18.98	17.51	17.50	-0.01	-0.2%	-0.1%
ER6	50	Moss and lichen dominated mountain summits	18.92	17.46	17.45	-0.01	-0.2%	-0.1%
ER7	60	Moss and lichen dominated mountain summits	18.87	17.42	17.41	-0.01	-0.2%	-0.1%
ER8	70	Moss and lichen dominated mountain summits	18.81	17.38	17.37	-0.01	-0.2%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER9	80	Moss and lichen dominated mountain summits	18.76	17.34	17.33	-0.01	-0.2%	-0.1%
ER10	90	Moss and lichen dominated mountain summits	18.72	17.31	17.30	-0.01	-0.2%	-0.1%
ER11	100	Moss and lichen dominated mountain summits	18.68	17.28	17.27	-0.01	-0.2%	-0.1%
ER12	110	Moss and lichen dominated mountain summits	18.64	17.25	17.24	-0.01	-0.2%	-0.1%
ER13	120	Moss and lichen dominated mountain summits	18.61	17.22	17.21	-0.01	-0.2%	-0.1%
ER14	130	Moss and lichen dominated mountain summits	18.58	17.20	17.19	-0.01	-0.2%	-0.1%
ER15	140	Moss and lichen dominated mountain summits	18.55	17.18	17.17	-0.01	-0.2%	-0.1%
ER16	150	Moss and lichen dominated mountain summits	18.52	17.15	17.15	0.00	-0.1%	0.0%
ER17	160	Moss and lichen dominated mountain summits	18.49	17.13	17.13	0.00	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER18	170	Moss and lichen dominated mountain summits	18.47	17.11	17.11	-0.01	-0.1%	-0.1%
ER19	180	Moss and lichen dominated mountain summits	18.45	17.10	17.09	-0.01	-0.1%	-0.1%
ER20	190	Moss and lichen dominated mountain summits	18.42	17.08	17.07	0.00	-0.1%	0.0%
ER21	200	Moss and lichen dominated mountain summits	18.41	17.07	17.06	-0.01	-0.1%	-0.1%
Transect 2								
ER22	0	Moss and lichen dominated mountain summits	18.83	17.39	17.39	-0.01	-0.2%	-0.1%
ER23	10	Moss and lichen dominated mountain summits	18.77	17.35	17.34	-0.01	-0.2%	-0.1%
ER24	20	Moss and lichen dominated mountain summits	18.72	17.30	17.30	0.00	-0.1%	0.0%
ER25	30	Moss and lichen dominated mountain summits	18.67	17.26	17.26	-0.01	-0.1%	-0.1%
ER26	40	Moss and lichen	18.62	17.23	17.22	-0.01	-0.2%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		dominated mountain summits						
ER27	50	Moss and lichen dominated mountain summits	18.58	17.20	17.19	-0.01	-0.1%	-0.1%
ER28	60	Moss and lichen dominated mountain summits	18.54	17.17	17.16	-0.01	-0.1%	-0.1%
ER29	70	Moss and lichen dominated mountain summits	18.50	17.14	17.13	-0.01	-0.2%	-0.1%
ER30	80	Moss and lichen dominated mountain summits	18.47	17.11	17.11	-0.01	-0.2%	-0.1%
ER31	90	Moss and lichen dominated mountain summits	18.44	17.09	17.08	0.00	-0.1%	0.0%
ER32	100	Moss and lichen dominated mountain summits	18.41	17.07	17.06	-0.01	-0.1%	-0.1%
ER33	110	Moss and lichen dominated mountain summits	18.38	17.05	17.04	-0.01	-0.1%	-0.1%
ER34	120	Moss and lichen dominated mountain summits	18.36	17.03	17.02	0.00	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER35	130	Moss and lichen dominated mountain summits	18.34	17.01	17.01	0.00	-0.1%	0.0%
ER36	140	Moss and lichen dominated mountain summits	18.31	16.99	16.99	-0.01	-0.1%	-0.1%
ER37	150	Moss and lichen dominated mountain summits	18.29	16.98	16.97	-0.01	-0.1%	-0.1%
ER38	160	Moss and lichen dominated mountain summits	18.27	16.96	16.96	-0.01	-0.1%	-0.1%
ER39	170	Moss and lichen dominated mountain summits	18.25	16.95	16.94	0.00	-0.1%	0.0%
ER40	180	Moss and lichen dominated mountain summits	18.24	16.94	16.93	-0.01	-0.1%	-0.1%
ER41	190	Moss and lichen dominated mountain summits	18.22	16.92	16.92	0.00	-0.1%	0.0%
ER42	200	Moss and lichen dominated mountain summits	18.21	16.91	16.91	-0.01	-0.1%	-0.1%
Transect 1								
ER1	0	Low & medium	19.32	17.78	17.76	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER2	10	Low & medium altitude hay meadows	19.22	17.69	17.68	-0.01	-0.1%	0.0%
ER3	20	Low & medium altitude hay meadows	19.13	17.63	17.62	-0.01	-0.1%	0.0%
ER4	30	Low & medium altitude hay meadows	19.05	17.56	17.55	-0.01	-0.1%	0.0%
ER5	40	Low & medium altitude hay meadows	18.98	17.51	17.50	-0.01	-0.1%	0.0%
ER6	50	Low & medium altitude hay meadows	18.92	17.46	17.45	-0.01	0.0%	0.0%
ER7	60	Low & medium altitude hay meadows	18.87	17.42	17.41	-0.01	0.0%	0.0%
ER8	70	Low & medium altitude hay meadows	18.81	17.38	17.37	-0.01	-0.1%	0.0%
ER9	80	Low & medium altitude hay meadows	18.76	17.34	17.33	-0.01	-0.1%	0.0%
ER10	90	Low & medium altitude hay meadows	18.72	17.31	17.30	-0.01	0.0%	0.0%
ER11	100	Low & medium	18.68	17.28	17.27	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER12	110	Low & medium altitude hay meadows	18.64	17.25	17.24	-0.01	0.0%	0.0%
ER13	120	Low & medium altitude hay meadows	18.61	17.22	17.21	-0.01	0.0%	0.0%
ER14	130	Low & medium altitude hay meadows	18.58	17.20	17.19	-0.01	0.0%	0.0%
ER15	140	Low & medium altitude hay meadows	18.55	17.18	17.17	-0.01	0.0%	0.0%
ER16	150	Low & medium altitude hay meadows	18.52	17.15	17.15	0.00	0.0%	0.0%
ER17	160	Low & medium altitude hay meadows	18.49	17.13	17.13	0.00	0.0%	0.0%
ER18	170	Low & medium altitude hay meadows	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER19	180	Low & medium altitude hay meadows	18.45	17.10	17.09	-0.01	0.0%	0.0%
ER20	190	Low & medium altitude hay meadows	18.42	17.08	17.07	0.00	0.0%	0.0%
ER21	200	Low & medium	18.41	17.07	17.06	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
Transect 2								
ER22	0	Low & medium altitude hay meadows	18.83	17.39	17.39	-0.01	0.0%	0.0%
ER23	10	Low & medium altitude hay meadows	18.77	17.35	17.34	-0.01	0.0%	0.0%
ER24	20	Low & medium altitude hay meadows	18.72	17.30	17.30	0.00	0.0%	0.0%
ER25	30	Low & medium altitude hay meadows	18.67	17.26	17.26	-0.01	0.0%	0.0%
ER26	40	Low & medium altitude hay meadows	18.62	17.23	17.22	-0.01	0.0%	0.0%
ER27	50	Low & medium altitude hay meadows	18.58	17.20	17.19	-0.01	0.0%	0.0%
ER28	60	Low & medium altitude hay meadows	18.54	17.17	17.16	-0.01	0.0%	0.0%
ER29	70	Low & medium altitude hay meadows	18.50	17.14	17.13	-0.01	0.0%	0.0%
ER30	80	Low & medium altitude hay meadows	18.47	17.11	17.11	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER31	90	Low & medium altitude hay meadows	18.44	17.09	17.08	0.00	0.0%	0.0%
ER32	100	Low & medium altitude hay meadows	18.41	17.07	17.06	-0.01	0.0%	0.0%
ER33	110	Low & medium altitude hay meadows	18.38	17.05	17.04	-0.01	0.0%	0.0%
ER34	120	Low & medium altitude hay meadows	18.36	17.03	17.02	0.00	0.0%	0.0%
ER35	130	Low & medium altitude hay meadows	18.34	17.01	17.01	0.00	0.0%	0.0%
ER36	140	Low & medium altitude hay meadows	18.31	16.99	16.99	-0.01	0.0%	0.0%
ER37	150	Low & medium altitude hay meadows	18.29	16.98	16.97	-0.01	0.0%	0.0%
ER38	160	Low & medium altitude hay meadows	18.27	16.96	16.96	-0.01	0.0%	0.0%
ER39	170	Low & medium altitude hay meadows	18.25	16.95	16.94	0.00	0.0%	0.0%
ER40	180	Low & medium altitude hay meadows	18.24	16.94	16.93	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER41	190	Low & medium altitude hay meadows	18.22	16.92	16.92	0.00	0.0%	0.0%
ER42	200	Low & medium altitude hay meadows	18.21	16.91	16.91	-0.01	0.0%	0.0%
Transect 1								
ER1	0	Broad leaved deciduous woodland	31.83	29.47	29.46	-0.01	-0.1%	-0.1%
ER2	10	Broad leaved deciduous woodland	31.73	29.39	29.38	-0.01	-0.1%	-0.1%
ER3	20	Broad leaved deciduous woodland	31.64	29.32	29.31	-0.01	-0.1%	-0.1%
ER4	30	Broad leaved deciduous woodland	31.57	29.26	29.25	-0.01	-0.1%	-0.1%
ER5	40	Broad leaved deciduous woodland	31.50	29.21	29.20	-0.01	-0.1%	-0.1%
ER6	50	Broad leaved deciduous woodland	31.43	29.16	29.15	-0.01	-0.1%	0.0%
ER7	60	Broad leaved deciduous woodland	31.38	29.11	29.11	-0.01	-0.1%	0.0%
ER8	70	Broad leaved	31.32	29.08	29.06	-0.01	-0.1%	-0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		deciduous woodland						
ER9	80	Broad leaved deciduous woodland	31.28	29.04	29.03	-0.01	-0.1%	-0.1%
ER10	90	Broad leaved deciduous woodland	31.23	29.00	29.00	-0.01	-0.1%	0.0%
ER11	100	Broad leaved deciduous woodland	31.19	28.97	28.96	-0.01	-0.1%	0.0%
ER12	110	Broad leaved deciduous woodland	31.16	28.94	28.94	-0.01	-0.1%	0.0%
ER13	120	Broad leaved deciduous woodland	31.12	28.92	28.91	-0.01	-0.1%	0.0%
ER14	130	Broad leaved deciduous woodland	31.09	28.89	28.89	-0.01	-0.1%	0.0%
ER15	140	Broad leaved deciduous woodland	31.06	28.87	28.86	-0.01	-0.1%	0.0%
ER16	150	Broad leaved deciduous woodland	31.03	28.85	28.84	0.00	0.0%	0.0%
ER17	160	Broad leaved deciduous woodland	31.00	28.83	28.82	-0.01	-0.1%	0.0%
ER18	170	Broad leaved	30.98	28.81	28.80	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		deciduous woodland						
ER19	180	Broad leaved deciduous woodland	30.96	28.79	28.79	-0.01	-0.1%	0.0%
ER20	190	Broad leaved deciduous woodland	30.94	28.77	28.77	0.00	0.0%	0.0%
ER21	200	Broad leaved deciduous woodland	30.92	28.76	28.76	-0.01	-0.1%	0.0%
Transect 2								
ER22	0	Broad leaved deciduous woodland	31.35	29.09	29.08	-0.01	-0.1%	0.0%
ER23	10	Broad leaved deciduous woodland	31.28	29.04	29.03	-0.01	-0.1%	0.0%
ER24	20	Broad leaved deciduous woodland	31.23	29.00	28.99	0.00	0.0%	0.0%
ER25	30	Broad leaved deciduous woodland	31.18	28.96	28.95	-0.01	-0.1%	0.0%
ER26	40	Broad leaved deciduous woodland	31.13	28.93	28.92	-0.01	-0.1%	0.0%
ER27	50	Broad leaved deciduous woodland	31.09	28.89	28.89	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER28	60	Broad leaved deciduous woodland	31.05	28.86	28.86	-0.01	-0.1%	0.0%
ER29	70	Broad leaved deciduous woodland	31.01	28.84	28.83	-0.01	-0.1%	0.0%
ER30	80	Broad leaved deciduous woodland	30.98	28.81	28.80	-0.01	-0.1%	0.0%
ER31	90	Broad leaved deciduous woodland	30.95	28.78	28.78	0.00	0.0%	0.0%
ER32	100	Broad leaved deciduous woodland	30.92	28.76	28.76	-0.01	-0.1%	0.0%
ER33	110	Broad leaved deciduous woodland	30.90	28.74	28.74	-0.01	-0.1%	0.0%
ER34	120	Broad leaved deciduous woodland	30.87	28.72	28.72	0.00	0.0%	0.0%
ER35	130	Broad leaved deciduous woodland	30.85	28.71	28.70	0.00	0.0%	0.0%
ER36	140	Broad leaved deciduous woodland	30.83	28.69	28.68	-0.01	-0.1%	0.0%
ER37	150	Broad leaved deciduous woodland	30.80	28.67	28.67	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER38	160	Broad leaved deciduous woodland	30.78	28.66	28.65	-0.01	-0.1%	0.0%
ER39	170	Broad leaved deciduous woodland	30.77	28.64	28.64	0.00	0.0%	0.0%
ER40	180	Broad leaved deciduous woodland	30.75	28.63	28.63	-0.01	-0.1%	0.0%
ER41	190	Broad leaved deciduous woodland	30.73	28.62	28.62	0.00	0.0%	0.0%
ER42	200	Broad leaved deciduous woodland	30.72	28.61	28.60	-0.01	-0.1%	0.0%
Transect 1								
ER1	0	Rich fens	19.32	17.78	17.76	-0.01	-0.1%	0.0%
ER2	10	Rich fens	19.22	17.69	17.68	-0.01	-0.1%	0.0%
ER3	20	Rich fens	19.13	17.63	17.62	-0.01	-0.1%	0.0%
ER4	30	Rich fens	19.05	17.56	17.55	-0.01	-0.1%	0.0%
ER5	40	Rich fens	18.98	17.51	17.50	-0.01	-0.1%	0.0%
ER6	50	Rich fens	18.92	17.46	17.45	-0.01	-0.1%	0.0%
ER7	60	Rich fens	18.87	17.42	17.41	-0.01	-0.1%	0.0%
ER8	70	Rich fens	18.81	17.38	17.37	-0.01	-0.1%	0.0%
ER9	80	Rich fens	18.76	17.34	17.33	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER10	90	Rich fens	18.72	17.31	17.30	-0.01	-0.1%	0.0%
ER11	100	Rich fens	18.68	17.28	17.27	-0.01	-0.1%	0.0%
ER12	110	Rich fens	18.64	17.25	17.24	-0.01	-0.1%	0.0%
ER13	120	Rich fens	18.61	17.22	17.21	-0.01	-0.1%	0.0%
ER14	130	Rich fens	18.58	17.20	17.19	-0.01	-0.1%	0.0%
ER15	140	Rich fens	18.55	17.18	17.17	-0.01	-0.1%	0.0%
ER16	150	Rich fens	18.52	17.15	17.15	0.00	0.0%	0.0%
ER17	160	Rich fens	18.49	17.13	17.13	0.00	0.0%	0.0%
ER18	170	Rich fens	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER19	180	Rich fens	18.45	17.10	17.09	-0.01	0.0%	0.0%
ER20	190	Rich fens	18.42	17.08	17.07	0.00	0.0%	0.0%
ER21	200	Rich fens	18.41	17.07	17.06	-0.01	0.0%	0.0%
Transect 2								
ER22	0	Rich fens	18.83	17.39	17.39	-0.01	-0.1%	0.0%
ER23	10	Rich fens	18.77	17.35	17.34	-0.01	-0.1%	0.0%
ER24	20	Rich fens	18.72	17.30	17.30	0.00	0.0%	0.0%
ER25	30	Rich fens	18.67	17.26	17.26	-0.01	0.0%	0.0%
ER26	40	Rich fens	18.62	17.23	17.22	-0.01	-0.1%	0.0%
ER27	50	Rich fens	18.58	17.20	17.19	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER28	60	Rich fens	18.54	17.17	17.16	-0.01	0.0%	0.0%
ER29	70	Rich fens	18.50	17.14	17.13	-0.01	-0.1%	0.0%
ER30	80	Rich fens	18.47	17.11	17.11	-0.01	-0.1%	0.0%
ER31	90	Rich fens	18.44	17.09	17.08	0.00	0.0%	0.0%
ER32	100	Rich fens	18.41	17.07	17.06	-0.01	0.0%	0.0%
ER33	110	Rich fens	18.38	17.05	17.04	-0.01	0.0%	0.0%
ER34	120	Rich fens	18.36	17.03	17.02	0.00	0.0%	0.0%
ER35	130	Rich fens	18.34	17.01	17.01	0.00	0.0%	0.0%
ER36	140	Rich fens	18.31	16.99	16.99	-0.01	0.0%	0.0%
ER37	150	Rich fens	18.29	16.98	16.97	-0.01	0.0%	0.0%
ER38	160	Rich fens	18.27	16.96	16.96	-0.01	0.0%	0.0%
ER39	170	Rich fens	18.25	16.95	16.94	0.00	0.0%	0.0%
ER40	180	Rich fens	18.24	16.94	16.93	-0.01	0.0%	0.0%
ER41	190	Rich fens	18.22	16.92	16.92	0.00	0.0%	0.0%
ER42	200	Rich fens	18.21	16.91	16.91	-0.01	0.0%	0.0%
Transect 1								
ER1	0	Pioneer, low-mid, mid-upper, saltmarsh	19.32	17.78	17.76	-0.01	-0.1%	0.0%
ER2	10	Pioneer, low-mid,	19.22	17.69	17.68	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid-upper, saltmarsh						
ER3	20	Pioneer, low-mid, mid-upper, saltmarsh	19.13	17.63	17.62	-0.01	-0.1%	0.0%
ER4	30	Pioneer, low-mid, mid-upper, saltmarsh	19.05	17.56	17.55	-0.01	-0.1%	0.0%
ER5	40	Pioneer, low-mid, mid-upper, saltmarsh	18.98	17.51	17.50	-0.01	-0.1%	0.0%
ER6	50	Pioneer, low-mid, mid-upper, saltmarsh	18.92	17.46	17.45	-0.01	0.0%	0.0%
ER7	60	Pioneer, low-mid, mid-upper, saltmarsh	18.87	17.42	17.41	-0.01	0.0%	0.0%
ER8	70	Pioneer, low-mid, mid-upper, saltmarsh	18.81	17.38	17.37	-0.01	-0.1%	0.0%
ER9	80	Pioneer, low-mid, mid-upper, saltmarsh	18.76	17.34	17.33	-0.01	-0.1%	0.0%
ER10	90	Pioneer, low-mid, mid-upper, saltmarsh	18.72	17.31	17.30	-0.01	0.0%	0.0%
ER11	100	Pioneer, low-mid, mid-upper, saltmarsh	18.68	17.28	17.27	-0.01	0.0%	0.0%
ER12	110	Pioneer, low-mid,	18.64	17.25	17.24	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid-upper, saltmarsh						
ER13	120	Pioneer, low-mid, mid-upper, saltmarsh	18.61	17.22	17.21	-0.01	0.0%	0.0%
ER14	130	Pioneer, low-mid, mid-upper, saltmarsh	18.58	17.20	17.19	-0.01	0.0%	0.0%
ER15	140	Pioneer, low-mid, mid-upper, saltmarsh	18.55	17.18	17.17	-0.01	0.0%	0.0%
ER16	150	Pioneer, low-mid, mid-upper, saltmarsh	18.52	17.15	17.15	0.00	0.0%	0.0%
ER17	160	Pioneer, low-mid, mid-upper, saltmarsh	18.49	17.13	17.13	0.00	0.0%	0.0%
ER18	170	Pioneer, low-mid, mid-upper, saltmarsh	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER19	180	Pioneer, low-mid, mid-upper, saltmarsh	18.45	17.10	17.09	-0.01	0.0%	0.0%
ER20	190	Pioneer, low-mid, mid-upper, saltmarsh	18.42	17.08	17.07	0.00	0.0%	0.0%
ER21	200	Pioneer, low-mid, mid-upper, saltmarsh	18.41	17.07	17.06	-0.01	0.0%	0.0%
Transect 2								

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER22	0	Pioneer, low-mid, mid-upper, saltmarsh	18.83	17.39	17.39	-0.01	0.0%	0.0%
ER23	10	Pioneer, low-mid, mid-upper, saltmarsh	18.77	17.35	17.34	-0.01	0.0%	0.0%
ER24	20	Pioneer, low-mid, mid-upper, saltmarsh	18.72	17.30	17.30	0.00	0.0%	0.0%
ER25	30	Pioneer, low-mid, mid-upper, saltmarsh	18.67	17.26	17.26	-0.01	0.0%	0.0%
ER26	40	Pioneer, low-mid, mid-upper, saltmarsh	18.62	17.23	17.22	-0.01	0.0%	0.0%
ER27	50	Pioneer, low-mid, mid-upper, saltmarsh	18.58	17.20	17.19	-0.01	0.0%	0.0%
ER28	60	Pioneer, low-mid, mid-upper, saltmarsh	18.54	17.17	17.16	-0.01	0.0%	0.0%
ER29	70	Pioneer, low-mid, mid-upper, saltmarsh	18.50	17.14	17.13	-0.01	0.0%	0.0%
ER30	80	Pioneer, low-mid, mid-upper, saltmarsh	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER31	90	Pioneer, low-mid, mid-upper, saltmarsh	18.44	17.09	17.08	0.00	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER32	100	Pioneer, low-mid, mid-upper, saltmarsh	18.41	17.07	17.06	-0.01	0.0%	0.0%
ER33	110	Pioneer, low-mid, mid-upper, saltmarsh	18.38	17.05	17.04	-0.01	0.0%	0.0%
ER34	120	Pioneer, low-mid, mid-upper, saltmarsh	18.36	17.03	17.02	0.00	0.0%	0.0%
ER35	130	Pioneer, low-mid, mid-upper, saltmarsh	18.34	17.01	17.01	0.00	0.0%	0.0%
ER36	140	Pioneer, low-mid, mid-upper, saltmarsh	18.31	16.99	16.99	-0.01	0.0%	0.0%
ER37	150	Pioneer, low-mid, mid-upper, saltmarsh	18.29	16.98	16.97	-0.01	0.0%	0.0%
ER38	160	Pioneer, low-mid, mid-upper, saltmarsh	18.27	16.96	16.96	-0.01	0.0%	0.0%
ER39	170	Pioneer, low-mid, mid-upper, saltmarsh	18.25	16.95	16.94	0.00	0.0%	0.0%
ER40	180	Pioneer, low-mid, mid-upper, saltmarsh	18.24	16.94	16.93	-0.01	0.0%	0.0%
ER41	190	Pioneer, low-mid, mid-upper, saltmarsh	18.22	16.92	16.92	0.00	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER42	200	Pioneer, low-mid, mid-upper, saltmarsh	18.21	16.91	16.91	-0.01	0.0%	0.0%
Transect 1								
ER1	0	Low & medium altitude hay meadows	19.32	17.78	17.76	-0.01	-0.1%	0.0%
ER2	10	Low & medium altitude hay meadows	19.22	17.69	17.68	-0.01	-0.1%	0.0%
ER3	20	Low & medium altitude hay meadows	19.13	17.63	17.62	-0.01	-0.1%	0.0%
ER4	30	Low & medium altitude hay meadows	19.05	17.56	17.55	-0.01	-0.1%	0.0%
ER5	40	Low & medium altitude hay meadows	18.98	17.51	17.50	-0.01	-0.1%	0.0%
ER6	50	Low & medium altitude hay meadows	18.92	17.46	17.45	-0.01	0.0%	0.0%
ER7	60	Low & medium altitude hay meadows	18.87	17.42	17.41	-0.01	0.0%	0.0%
ER8	70	Low & medium altitude hay meadows	18.81	17.38	17.37	-0.01	-0.1%	0.0%
ER9	80	Low & medium	18.76	17.34	17.33	-0.01	-0.1%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER10	90	Low & medium altitude hay meadows	18.72	17.31	17.30	-0.01	0.0%	0.0%
ER11	100	Low & medium altitude hay meadows	18.68	17.28	17.27	-0.01	0.0%	0.0%
ER12	110	Low & medium altitude hay meadows	18.64	17.25	17.24	-0.01	0.0%	0.0%
ER13	120	Low & medium altitude hay meadows	18.61	17.22	17.21	-0.01	0.0%	0.0%
ER14	130	Low & medium altitude hay meadows	18.58	17.20	17.19	-0.01	0.0%	0.0%
ER15	140	Low & medium altitude hay meadows	18.55	17.18	17.17	-0.01	0.0%	0.0%
ER16	150	Low & medium altitude hay meadows	18.52	17.15	17.15	0.00	0.0%	0.0%
ER17	160	Low & medium altitude hay meadows	18.49	17.13	17.13	0.00	0.0%	0.0%
ER18	170	Low & medium altitude hay meadows	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER19	180	Low & medium	18.45	17.10	17.09	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER20	190	Low & medium altitude hay meadows	18.42	17.08	17.07	0.00	0.0%	0.0%
ER21	200	Low & medium altitude hay meadows	18.41	17.07	17.06	-0.01	0.0%	0.0%
Transect 2								
ER22	0	Low & medium altitude hay meadows	18.83	17.39	17.39	-0.01	0.0%	0.0%
ER23	10	Low & medium altitude hay meadows	18.77	17.35	17.34	-0.01	0.0%	0.0%
ER24	20	Low & medium altitude hay meadows	18.72	17.30	17.30	0.00	0.0%	0.0%
ER25	30	Low & medium altitude hay meadows	18.67	17.26	17.26	-0.01	0.0%	0.0%
ER26	40	Low & medium altitude hay meadows	18.62	17.23	17.22	-0.01	0.0%	0.0%
ER27	50	Low & medium altitude hay meadows	18.58	17.20	17.19	-0.01	0.0%	0.0%
ER28	60	Low & medium altitude hay meadows	18.54	17.17	17.16	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER29	70	Low & medium altitude hay meadows	18.50	17.14	17.13	-0.01	0.0%	0.0%
ER30	80	Low & medium altitude hay meadows	18.47	17.11	17.11	-0.01	0.0%	0.0%
ER31	90	Low & medium altitude hay meadows	18.44	17.09	17.08	0.00	0.0%	0.0%
ER32	100	Low & medium altitude hay meadows	18.41	17.07	17.06	-0.01	0.0%	0.0%
ER33	110	Low & medium altitude hay meadows	18.38	17.05	17.04	-0.01	0.0%	0.0%
ER34	120	Low & medium altitude hay meadows	18.36	17.03	17.02	0.00	0.0%	0.0%
ER35	130	Low & medium altitude hay meadows	18.34	17.01	17.01	0.00	0.0%	0.0%
ER36	140	Low & medium altitude hay meadows	18.31	16.99	16.99	-0.01	0.0%	0.0%
ER37	150	Low & medium altitude hay meadows	18.29	16.98	16.97	-0.01	0.0%	0.0%
ER38	160	Low & medium altitude hay meadows	18.27	16.96	16.96	-0.01	0.0%	0.0%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2021 DM (N/ha/yr)	2021 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER39	170	Low & medium altitude hay meadows	18.25	16.95	16.94	0.00	0.0%	0.0%
ER40	180	Low & medium altitude hay meadows	18.24	16.94	16.93	-0.01	0.0%	0.0%
ER41	190	Low & medium altitude hay meadows	18.22	16.92	16.92	0.00	0.0%	0.0%
ER42	200	Low & medium altitude hay meadows	18.21	16.91	16.91	-0.01	0.0%	0.0%

Table 6-5-4 – 2021 Total N-Deposition at Upper Nene Valley Gravel Pits

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
Transect 1								
ER1	0	Raised and blanket bogs	19.32	13.14	13.26	0.12	2.4%	1.2%
ER2	10	Raised and blanket bogs	19.22	13.11	13.22	0.12	2.3%	1.2%
ER3	20	Raised and blanket bogs	19.13	13.08	13.19	0.11	2.2%	1.1%
ER4	30	Raised and blanket bogs	19.05	13.06	13.16	0.10	2.0%	1.0%
ER5	40	Raised and blanket bogs	18.98	13.04	13.13	0.10	2.0%	1.0%
ER6	50	Raised and blanket bogs	18.92	13.02	13.11	0.09	1.9%	0.9%
ER7	60	Raised and blanket bogs	18.87	13.00	13.09	0.09	1.7%	0.9%
ER8	70	Raised and blanket bogs	18.81	12.98	13.07	0.09	1.7%	0.9%
ER9	80	Raised and blanket bogs	18.76	12.97	13.05	0.08	1.7%	0.8%
ER10	90	Raised and blanket bogs	18.72	12.95	13.03	0.08	1.6%	0.8%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER11	100	Raised and blanket bogs	18.68	12.94	13.02	0.08	1.5%	0.8%
ER12	110	Raised and blanket bogs	18.64	12.93	13.00	0.07	1.5%	0.7%
ER13	120	Raised and blanket bogs	18.61	12.92	12.99	0.07	1.4%	0.7%
ER14	130	Raised and blanket bogs	18.58	12.91	12.98	0.07	1.4%	0.7%
ER15	140	Raised and blanket bogs	18.55	12.90	12.97	0.07	1.3%	0.7%
ER16	150	Raised and blanket bogs	18.52	12.89	12.96	0.06	1.3%	0.6%
ER17	160	Raised and blanket bogs	18.49	12.88	12.95	0.06	1.3%	0.6%
ER18	170	Raised and blanket bogs	18.47	12.88	12.94	0.06	1.2%	0.6%
ER19	180	Raised and blanket bogs	18.45	12.87	12.93	0.06	1.2%	0.6%
ER20	190	Raised and blanket bogs	18.42	12.86	12.92	0.06	1.2%	0.6%
ER21	200	Raised and blanket bogs	18.41	12.86	12.92	0.06	1.2%	0.6%
Transect 2								

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER22	0	Raised and blanket bogs	18.83	12.99	13.07	0.08	1.7%	0.8%
ER23	10	Raised and blanket bogs	18.77	12.97	13.05	0.08	1.6%	0.8%
ER24	20	Raised and blanket bogs	18.72	12.95	13.03	0.08	1.6%	0.8%
ER25	30	Raised and blanket bogs	18.67	12.94	13.01	0.07	1.5%	0.7%
ER26	40	Raised and blanket bogs	18.62	12.92	12.99	0.07	1.4%	0.7%
ER27	50	Raised and blanket bogs	18.58	12.91	12.98	0.07	1.4%	0.7%
ER28	60	Raised and blanket bogs	18.54	12.90	12.96	0.06	1.3%	0.6%
ER29	70	Raised and blanket bogs	18.50	12.88	12.95	0.07	1.3%	0.7%
ER30	80	Raised and blanket bogs	18.47	12.88	12.94	0.06	1.2%	0.6%
ER31	90	Raised and blanket bogs	18.44	12.87	12.92	0.06	1.1%	0.6%
ER32	100	Raised and blanket bogs	18.41	12.86	12.92	0.06	1.1%	0.6%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER33	110	Raised and blanket bogs	18.38	12.85	12.90	0.05	1.1%	0.5%
ER34	120	Raised and blanket bogs	18.36	12.84	12.90	0.06	1.1%	0.6%
ER35	130	Raised and blanket bogs	18.34	12.84	12.89	0.05	1.0%	0.5%
ER36	140	Raised and blanket bogs	18.31	12.83	12.88	0.05	1.0%	0.5%
ER37	150	Raised and blanket bogs	18.29	12.82	12.87	0.05	0.9%	0.5%
ER38	160	Raised and blanket bogs	18.27	12.82	12.86	0.05	0.9%	0.5%
ER39	170	Raised and blanket bogs	18.25	12.81	12.86	0.05	0.9%	0.5%
ER40	180	Raised and blanket bogs	18.24	12.81	12.85	0.04	0.9%	0.4%
ER41	190	Raised and blanket bogs	18.22	12.80	12.84	0.04	0.9%	0.4%
ER42	200	Raised and blanket bogs	18.21	12.80	12.84	0.04	0.9%	0.4%
Transect 1								
ER1	0	Northern wet heath	19.32	13.14	13.26	0.12	1.2%	0.6%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER2	10	Northern wet heath	19.22	13.11	13.22	0.12	1.2%	0.6%
ER3	20	Northern wet heath	19.13	13.08	13.19	0.11	1.1%	0.5%
ER4	30	Northern wet heath	19.05	13.06	13.16	0.10	1.0%	0.5%
ER5	40	Northern wet heath	18.98	13.04	13.13	0.10	1.0%	0.5%
ER6	50	Northern wet heath	18.92	13.02	13.11	0.09	0.9%	0.5%
ER7	60	Northern wet heath	18.87	13.00	13.09	0.09	0.9%	0.4%
ER8	70	Northern wet heath	18.81	12.98	13.07	0.09	0.9%	0.4%
ER9	80	Northern wet heath	18.76	12.97	13.05	0.08	0.8%	0.4%
ER10	90	Northern wet heath	18.72	12.95	13.03	0.08	0.8%	0.4%
ER11	100	Northern wet heath	18.68	12.94	13.02	0.08	0.8%	0.4%
ER12	110	Northern wet heath	18.64	12.93	13.00	0.07	0.7%	0.4%
ER13	120	Northern wet heath	18.61	12.92	12.99	0.07	0.7%	0.3%
ER14	130	Northern wet heath	18.58	12.91	12.98	0.07	0.7%	0.3%
ER15	140	Northern wet heath	18.55	12.90	12.97	0.07	0.7%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER16	150	Northern wet heath	18.52	12.89	12.96	0.06	0.6%	0.3%
ER17	160	Northern wet heath	18.49	12.88	12.95	0.06	0.6%	0.3%
ER18	170	Northern wet heath	18.47	12.88	12.94	0.06	0.6%	0.3%
ER19	180	Northern wet heath	18.45	12.87	12.93	0.06	0.6%	0.3%
ER20	190	Northern wet heath	18.42	12.86	12.92	0.06	0.6%	0.3%
ER21	200	Northern wet heath	18.41	12.86	12.92	0.06	0.6%	0.3%
Transect 2								
ER22	0	Northern wet heath	18.83	12.99	13.07	0.08	0.8%	0.4%
ER23	10	Northern wet heath	18.77	12.97	13.05	0.08	0.8%	0.4%
ER24	20	Northern wet heath	18.72	12.95	13.03	0.08	0.8%	0.4%
ER25	30	Northern wet heath	18.67	12.94	13.01	0.07	0.7%	0.4%
ER26	40	Northern wet heath	18.62	12.92	12.99	0.07	0.7%	0.4%
ER27	50	Northern wet heath	18.58	12.91	12.98	0.07	0.7%	0.3%
ER28	60	Northern wet heath	18.54	12.90	12.96	0.06	0.6%	0.3%
ER29	70	Northern wet heath	18.50	12.88	12.95	0.07	0.7%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER30	80	Northern wet heath	18.47	12.88	12.94	0.06	0.6%	0.3%
ER31	90	Northern wet heath	18.44	12.87	12.92	0.06	0.6%	0.3%
ER32	100	Northern wet heath	18.41	12.86	12.92	0.06	0.6%	0.3%
ER33	110	Northern wet heath	18.38	12.85	12.90	0.05	0.5%	0.3%
ER34	120	Northern wet heath	18.36	12.84	12.90	0.06	0.6%	0.3%
ER35	130	Northern wet heath	18.34	12.84	12.89	0.05	0.5%	0.3%
ER36	140	Northern wet heath	18.31	12.83	12.88	0.05	0.5%	0.2%
ER37	150	Northern wet heath	18.29	12.82	12.87	0.05	0.5%	0.2%
ER38	160	Northern wet heath	18.27	12.82	12.86	0.05	0.5%	0.2%
ER39	170	Northern wet heath	18.25	12.81	12.86	0.05	0.5%	0.2%
ER40	180	Northern wet heath	18.24	12.81	12.85	0.04	0.4%	0.2%
ER41	190	Northern wet heath	18.22	12.80	12.84	0.04	0.4%	0.2%
ER42	200	Northern wet heath	18.21	12.80	12.84	0.04	0.4%	0.2%
Transect 1								
ER1	0	Pioneer, low-mid,	19.32	13.14	13.26	0.12	0.6%	0.4%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid- upper, saltmarshes						
ER2	10	Pioneer, low-mid, mid- upper, saltmarshes	19.22	13.11	13.22	0.12	0.6%	0.4%
ER3	20	Pioneer, low-mid, mid- upper, saltmarshes	19.13	13.08	13.19	0.11	0.5%	0.4%
ER4	30	Pioneer, low-mid, mid- upper, saltmarshes	19.05	13.06	13.16	0.10	0.5%	0.3%
ER5	40	Pioneer, low-mid, mid- upper, saltmarshes	18.98	13.04	13.13	0.10	0.5%	0.3%
ER6	50	Pioneer, low-mid, mid- upper, saltmarshes	18.92	13.02	13.11	0.09	0.5%	0.3%
ER7	60	Pioneer, low-mid, mid- upper, saltmarshes	18.87	13.00	13.09	0.09	0.4%	0.3%
ER8	70	Pioneer, low-mid, mid- upper, saltmarshes	18.81	12.98	13.07	0.09	0.4%	0.3%
ER9	80	Pioneer, low-mid, mid- upper, saltmarshes	18.76	12.97	13.05	0.08	0.4%	0.3%
ER10	90	Pioneer, low-mid, mid- upper, saltmarshes	18.72	12.95	13.03	0.08	0.4%	0.3%
ER11	100	Pioneer, low-mid,	18.68	12.94	13.02	0.08	0.4%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid- upper, saltmarshes						
ER12	110	Pioneer, low-mid, mid- upper, saltmarshes	18.64	12.93	13.00	0.07	0.4%	0.2%
ER13	120	Pioneer, low-mid, mid- upper, saltmarshes	18.61	12.92	12.99	0.07	0.3%	0.2%
ER14	130	Pioneer, low-mid, mid- upper, saltmarshes	18.58	12.91	12.98	0.07	0.3%	0.2%
ER15	140	Pioneer, low-mid, mid- upper, saltmarshes	18.55	12.90	12.97	0.07	0.3%	0.2%
ER16	150	Pioneer, low-mid, mid- upper, saltmarshes	18.52	12.89	12.96	0.06	0.3%	0.2%
ER17	160	Pioneer, low-mid, mid- upper, saltmarshes	18.49	12.88	12.95	0.06	0.3%	0.2%
ER18	170	Pioneer, low-mid, mid- upper, saltmarshes	18.47	12.88	12.94	0.06	0.3%	0.2%
ER19	180	Pioneer, low-mid, mid- upper, saltmarshes	18.45	12.87	12.93	0.06	0.3%	0.2%
ER20	190	Pioneer, low-mid, mid- upper, saltmarshes	18.42	12.86	12.92	0.06	0.3%	0.2%
ER21	200	Pioneer, low-mid,	18.41	12.86	12.92	0.06	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid- upper, saltmarshes						
Transect 2								
ER22	0	Pioneer, low-mid, mid- upper, saltmarshes	18.83	12.99	13.07	0.08	0.4%	0.3%
ER23	10	Pioneer, low-mid, mid- upper, saltmarshes	18.77	12.97	13.05	0.08	0.4%	0.3%
ER24	20	Pioneer, low-mid, mid- upper, saltmarshes	18.72	12.95	13.03	0.08	0.4%	0.3%
ER25	30	Pioneer, low-mid, mid- upper, saltmarshes	18.67	12.94	13.01	0.07	0.4%	0.2%
ER26	40	Pioneer, low-mid, mid- upper, saltmarshes	18.62	12.92	12.99	0.07	0.4%	0.2%
ER27	50	Pioneer, low-mid, mid- upper, saltmarshes	18.58	12.91	12.98	0.07	0.3%	0.2%
ER28	60	Pioneer, low-mid, mid- upper, saltmarshes	18.54	12.90	12.96	0.06	0.3%	0.2%
ER29	70	Pioneer, low-mid, mid- upper, saltmarshes	18.50	12.88	12.95	0.07	0.3%	0.2%
ER30	80	Pioneer, low-mid, mid- upper, saltmarshes	18.47	12.88	12.94	0.06	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER31	90	Pioneer, low-mid, mid- upper, saltmarshes	18.44	12.87	12.92	0.06	0.3%	0.2%
ER32	100	Pioneer, low-mid, mid- upper, saltmarshes	18.41	12.86	12.92	0.06	0.3%	0.2%
ER33	110	Pioneer, low-mid, mid- upper, saltmarshes	18.38	12.85	12.90	0.05	0.3%	0.2%
ER34	120	Pioneer, low-mid, mid- upper, saltmarshes	18.36	12.84	12.90	0.06	0.3%	0.2%
ER35	130	Pioneer, low-mid, mid- upper, saltmarshes	18.34	12.84	12.89	0.05	0.3%	0.2%
ER36	140	Pioneer, low-mid, mid- upper, saltmarshes	18.31	12.83	12.88	0.05	0.2%	0.2%
ER37	150	Pioneer, low-mid, mid- upper, saltmarshes	18.29	12.82	12.87	0.05	0.2%	0.2%
ER38	160	Pioneer, low-mid, mid- upper, saltmarshes	18.27	12.82	12.86	0.05	0.2%	0.2%
ER39	170	Pioneer, low-mid, mid- upper, saltmarshes	18.25	12.81	12.86	0.05	0.2%	0.2%
ER40	180	Pioneer, low-mid, mid- upper,	18.24	12.81	12.85	0.04	0.2%	0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		saltmarshes						
ER41	190	Pioneer, low-mid, mid- upper, saltmarshes	18.22	12.80	12.84	0.04	0.2%	0.1%
ER42	200	Pioneer, low-mid, mid- upper, saltmarshes	18.21	12.80	12.84	0.04	0.2%	0.1%
Transect 1								
ER1	0	Moss and lichen dominated mountain summits	19.32	13.14	13.26	0.12	2.4%	1.2%
ER2	10	Moss and lichen dominated mountain summits	19.22	13.11	13.22	0.12	2.3%	1.2%
ER3	20	Moss and lichen dominated mountain summits	19.13	13.08	13.19	0.11	2.2%	1.1%
ER4	30	Moss and lichen dominated mountain summits	19.05	13.06	13.16	0.10	2.0%	1.0%
ER5	40	Moss and lichen dominated mountain summits	18.98	13.04	13.13	0.10	2.0%	1.0%
ER6	50	Moss and lichen dominated	18.92	13.02	13.11	0.09	1.9%	0.9%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mountain summits						
ER7	60	Moss and lichen dominated mountain summits	18.87	13.00	13.09	0.09	1.7%	0.9%
ER8	70	Moss and lichen dominated mountain summits	18.81	12.98	13.07	0.09	1.7%	0.9%
ER9	80	Moss and lichen dominated mountain summits	18.76	12.97	13.05	0.08	1.7%	0.8%
ER10	90	Moss and lichen dominated mountain summits	18.72	12.95	13.03	0.08	1.6%	0.8%
ER11	100	Moss and lichen dominated mountain summits	18.68	12.94	13.02	0.08	1.5%	0.8%
ER12	110	Moss and lichen dominated mountain summits	18.64	12.93	13.00	0.07	1.5%	0.7%
ER13	120	Moss and lichen dominated mountain summits	18.61	12.92	12.99	0.07	1.4%	0.7%
ER14	130	Moss and lichen dominated mountain summits	18.58	12.91	12.98	0.07	1.4%	0.7%
ER15	140	Moss and lichen	18.55	12.90	12.97	0.07	1.3%	0.7%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		dominated mountain summits						
ER16	150	Moss and lichen dominated mountain summits	18.52	12.89	12.96	0.06	1.3%	0.6%
ER17	160	Moss and lichen dominated mountain summits	18.49	12.88	12.95	0.06	1.3%	0.6%
ER18	170	Moss and lichen dominated mountain summits	18.47	12.88	12.94	0.06	1.2%	0.6%
ER19	180	Moss and lichen dominated mountain summits	18.45	12.87	12.93	0.06	1.2%	0.6%
ER20	190	Moss and lichen dominated mountain summits	18.42	12.86	12.92	0.06	1.2%	0.6%
ER21	200	Moss and lichen dominated mountain summits	18.41	12.86	12.92	0.06	1.2%	0.6%
Transect 2								
ER22	0	Moss and lichen dominated mountain summits	18.83	12.99	13.07	0.08	1.7%	0.8%
ER23	10	Moss and lichen dominated	18.77	12.97	13.05	0.08	1.6%	0.8%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mountain summits						
ER24	20	Moss and lichen dominated mountain summits	18.72	12.95	13.03	0.08	1.6%	0.8%
ER25	30	Moss and lichen dominated mountain summits	18.67	12.94	13.01	0.07	1.5%	0.7%
ER26	40	Moss and lichen dominated mountain summits	18.62	12.92	12.99	0.07	1.4%	0.7%
ER27	50	Moss and lichen dominated mountain summits	18.58	12.91	12.98	0.07	1.4%	0.7%
ER28	60	Moss and lichen dominated mountain summits	18.54	12.90	12.96	0.06	1.3%	0.6%
ER29	70	Moss and lichen dominated mountain summits	18.50	12.88	12.95	0.07	1.3%	0.7%
ER30	80	Moss and lichen dominated mountain summits	18.47	12.88	12.94	0.06	1.2%	0.6%
ER31	90	Moss and lichen dominated mountain summits	18.44	12.87	12.92	0.06	1.1%	0.6%
ER32	100	Moss and lichen	18.41	12.86	12.92	0.06	1.1%	0.6%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		dominated mountain summits						
ER33	110	Moss and lichen dominated mountain summits	18.38	12.85	12.90	0.05	1.1%	0.5%
ER34	120	Moss and lichen dominated mountain summits	18.36	12.84	12.90	0.06	1.1%	0.6%
ER35	130	Moss and lichen dominated mountain summits	18.34	12.84	12.89	0.05	1.0%	0.5%
ER36	140	Moss and lichen dominated mountain summits	18.31	12.83	12.88	0.05	1.0%	0.5%
ER37	150	Moss and lichen dominated mountain summits	18.29	12.82	12.87	0.05	0.9%	0.5%
ER38	160	Moss and lichen dominated mountain summits	18.27	12.82	12.86	0.05	0.9%	0.5%
ER39	170	Moss and lichen dominated mountain summits	18.25	12.81	12.86	0.05	0.9%	0.5%
ER40	180	Moss and lichen dominated mountain summits	18.24	12.81	12.85	0.04	0.9%	0.4%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER41	190	Moss and lichen dominated mountain summits	18.22	12.80	12.84	0.04	0.9%	0.4%
ER42	200	Moss and lichen dominated mountain summits	18.21	12.80	12.84	0.04	0.9%	0.4%
Transect 1								
ER1	0	Low & medium altitude hay meadows	19.32	13.14	13.26	0.12	0.6%	0.4%
ER2	10	Low & medium altitude hay meadows	19.22	13.11	13.22	0.12	0.6%	0.4%
ER3	20	Low & medium altitude hay meadows	19.13	13.08	13.19	0.11	0.5%	0.4%
ER4	30	Low & medium altitude hay meadows	19.05	13.06	13.16	0.10	0.5%	0.3%
ER5	40	Low & medium altitude hay meadows	18.98	13.04	13.13	0.10	0.5%	0.3%
ER6	50	Low & medium altitude hay meadows	18.92	13.02	13.11	0.09	0.5%	0.3%
ER7	60	Low & medium altitude hay meadows	18.87	13.00	13.09	0.09	0.4%	0.3%
ER8	70	Low & medium	18.81	12.98	13.07	0.09	0.4%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER9	80	Low & medium altitude hay meadows	18.76	12.97	13.05	0.08	0.4%	0.3%
ER10	90	Low & medium altitude hay meadows	18.72	12.95	13.03	0.08	0.4%	0.3%
ER11	100	Low & medium altitude hay meadows	18.68	12.94	13.02	0.08	0.4%	0.3%
ER12	110	Low & medium altitude hay meadows	18.64	12.93	13.00	0.07	0.4%	0.2%
ER13	120	Low & medium altitude hay meadows	18.61	12.92	12.99	0.07	0.3%	0.2%
ER14	130	Low & medium altitude hay meadows	18.58	12.91	12.98	0.07	0.3%	0.2%
ER15	140	Low & medium altitude hay meadows	18.55	12.90	12.97	0.07	0.3%	0.2%
ER16	150	Low & medium altitude hay meadows	18.52	12.89	12.96	0.06	0.3%	0.2%
ER17	160	Low & medium altitude hay meadows	18.49	12.88	12.95	0.06	0.3%	0.2%
ER18	170	Low & medium	18.47	12.88	12.94	0.06	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER19	180	Low & medium altitude hay meadows	18.45	12.87	12.93	0.06	0.3%	0.2%
ER20	190	Low & medium altitude hay meadows	18.42	12.86	12.92	0.06	0.3%	0.2%
ER21	200	Low & medium altitude hay meadows	18.41	12.86	12.92	0.06	0.3%	0.2%
Transect 2								
ER22	0	Low & medium altitude hay meadows	18.83	12.99	13.07	0.08	0.4%	0.3%
ER23	10	Low & medium altitude hay meadows	18.77	12.97	13.05	0.08	0.4%	0.3%
ER24	20	Low & medium altitude hay meadows	18.72	12.95	13.03	0.08	0.4%	0.3%
ER25	30	Low & medium altitude hay meadows	18.67	12.94	13.01	0.07	0.4%	0.2%
ER26	40	Low & medium altitude hay meadows	18.62	12.92	12.99	0.07	0.4%	0.2%
ER27	50	Low & medium altitude hay meadows	18.58	12.91	12.98	0.07	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER28	60	Low & medium altitude hay meadows	18.54	12.90	12.96	0.06	0.3%	0.2%
ER29	70	Low & medium altitude hay meadows	18.50	12.88	12.95	0.07	0.3%	0.2%
ER30	80	Low & medium altitude hay meadows	18.47	12.88	12.94	0.06	0.3%	0.2%
ER31	90	Low & medium altitude hay meadows	18.44	12.87	12.92	0.06	0.3%	0.2%
ER32	100	Low & medium altitude hay meadows	18.41	12.86	12.92	0.06	0.3%	0.2%
ER33	110	Low & medium altitude hay meadows	18.38	12.85	12.90	0.05	0.3%	0.2%
ER34	120	Low & medium altitude hay meadows	18.36	12.84	12.90	0.06	0.3%	0.2%
ER35	130	Low & medium altitude hay meadows	18.34	12.84	12.89	0.05	0.3%	0.2%
ER36	140	Low & medium altitude hay meadows	18.31	12.83	12.88	0.05	0.2%	0.2%
ER37	150	Low & medium altitude hay meadows	18.29	12.82	12.87	0.05	0.2%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER38	160	Low & medium altitude hay meadows	18.27	12.82	12.86	0.05	0.2%	0.2%
ER39	170	Low & medium altitude hay meadows	18.25	12.81	12.86	0.05	0.2%	0.2%
ER40	180	Low & medium altitude hay meadows	18.24	12.81	12.85	0.04	0.2%	0.1%
ER41	190	Low & medium altitude hay meadows	18.22	12.80	12.84	0.04	0.2%	0.1%
ER42	200	Low & medium altitude hay meadows	18.21	12.80	12.84	0.04	0.2%	0.1%
Transect 1								
ER1	0	Broad leaved deciduous woodland	31.83	22.12	22.24	0.12	1.2%	0.6%
ER2	10	Broad leaved deciduous woodland	31.73	22.08	22.20	0.12	1.2%	0.6%
ER3	20	Broad leaved deciduous woodland	31.64	22.06	22.17	0.11	1.1%	0.5%
ER4	30	Broad leaved deciduous woodland	31.57	22.03	22.14	0.10	1.0%	0.5%
ER5	40	Broad leaved	31.50	22.01	22.11	0.10	1.0%	0.5%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		deciduous woodland						
ER6	50	Broad leaved deciduous woodland	31.43	21.99	22.09	0.09	0.9%	0.5%
ER7	60	Broad leaved deciduous woodland	31.38	21.98	22.06	0.09	0.9%	0.4%
ER8	70	Broad leaved deciduous woodland	31.32	21.96	22.04	0.09	0.9%	0.4%
ER9	80	Broad leaved deciduous woodland	31.28	21.94	22.03	0.08	0.8%	0.4%
ER10	90	Broad leaved deciduous woodland	31.23	21.93	22.01	0.08	0.8%	0.4%
ER11	100	Broad leaved deciduous woodland	31.19	21.92	21.99	0.08	0.8%	0.4%
ER12	110	Broad leaved deciduous woodland	31.16	21.91	21.98	0.07	0.7%	0.4%
ER13	120	Broad leaved deciduous woodland	31.12	21.90	21.97	0.07	0.7%	0.3%
ER14	130	Broad leaved deciduous woodland	31.09	21.89	21.96	0.07	0.7%	0.3%
ER15	140	Broad leaved	31.06	21.88	21.94	0.07	0.7%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		deciduous woodland						
ER16	150	Broad leaved deciduous woodland	31.03	21.87	21.93	0.06	0.6%	0.3%
ER17	160	Broad leaved deciduous woodland	31.00	21.86	21.92	0.06	0.6%	0.3%
ER18	170	Broad leaved deciduous woodland	30.98	21.86	21.92	0.06	0.6%	0.3%
ER19	180	Broad leaved deciduous woodland	30.96	21.85	21.91	0.06	0.6%	0.3%
ER20	190	Broad leaved deciduous woodland	30.94	21.84	21.90	0.06	0.6%	0.3%
ER21	200	Broad leaved deciduous woodland	30.92	21.83	21.89	0.06	0.6%	0.3%
Transect 2								
ER22	0	Broad leaved deciduous woodland	31.35	21.96	22.05	0.09	0.9%	0.4%
ER23	10	Broad leaved deciduous woodland	31.28	21.94	22.03	0.08	0.8%	0.4%
ER24	20	Broad leaved deciduous woodland	31.23	21.93	22.01	0.08	0.8%	0.4%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER25	30	Broad leaved deciduous woodland	31.18	21.91	21.99	0.07	0.7%	0.4%
ER26	40	Broad leaved deciduous woodland	31.13	21.90	21.97	0.07	0.7%	0.4%
ER27	50	Broad leaved deciduous woodland	31.09	21.88	21.95	0.07	0.7%	0.3%
ER28	60	Broad leaved deciduous woodland	31.05	21.87	21.94	0.07	0.7%	0.3%
ER29	70	Broad leaved deciduous woodland	31.01	21.86	21.93	0.07	0.7%	0.3%
ER30	80	Broad leaved deciduous woodland	30.98	21.85	21.91	0.06	0.6%	0.3%
ER31	90	Broad leaved deciduous woodland	30.95	21.84	21.90	0.06	0.6%	0.3%
ER32	100	Broad leaved deciduous woodland	30.92	21.84	21.89	0.06	0.6%	0.3%
ER33	110	Broad leaved deciduous woodland	30.90	21.83	21.88	0.05	0.5%	0.3%
ER34	120	Broad leaved deciduous woodland	30.87	21.82	21.87	0.05	0.5%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER35	130	Broad leaved deciduous woodland	30.85	21.81	21.86	0.05	0.5%	0.3%
ER36	140	Broad leaved deciduous woodland	30.83	21.81	21.86	0.05	0.5%	0.2%
ER37	150	Broad leaved deciduous woodland	30.80	21.80	21.85	0.05	0.5%	0.2%
ER38	160	Broad leaved deciduous woodland	30.78	21.79	21.84	0.05	0.5%	0.2%
ER39	170	Broad leaved deciduous woodland	30.77	21.79	21.84	0.05	0.5%	0.2%
ER40	180	Broad leaved deciduous woodland	30.75	21.78	21.83	0.04	0.4%	0.2%
ER41	190	Broad leaved deciduous woodland	30.73	21.78	21.82	0.04	0.4%	0.2%
ER42	200	Broad leaved deciduous woodland	30.72	21.77	21.82	0.04	0.4%	0.2%
Transect 1								
ER1	0	Rich fens	19.32	13.14	13.26	0.12	0.8%	0.4%
ER2	10	Rich fens	19.22	13.11	13.22	0.12	0.8%	0.4%
ER3	20	Rich fens	19.13	13.08	13.19	0.11	0.7%	0.4%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER4	30	Rich fens	19.05	13.06	13.16	0.10	0.7%	0.3%
ER5	40	Rich fens	18.98	13.04	13.13	0.10	0.7%	0.3%
ER6	50	Rich fens	18.92	13.02	13.11	0.09	0.6%	0.3%
ER7	60	Rich fens	18.87	13.00	13.09	0.09	0.6%	0.3%
ER8	70	Rich fens	18.81	12.98	13.07	0.09	0.6%	0.3%
ER9	80	Rich fens	18.76	12.97	13.05	0.08	0.6%	0.3%
ER10	90	Rich fens	18.72	12.95	13.03	0.08	0.5%	0.3%
ER11	100	Rich fens	18.68	12.94	13.02	0.08	0.5%	0.3%
ER12	110	Rich fens	18.64	12.93	13.00	0.07	0.5%	0.2%
ER13	120	Rich fens	18.61	12.92	12.99	0.07	0.5%	0.2%
ER14	130	Rich fens	18.58	12.91	12.98	0.07	0.5%	0.2%
ER15	140	Rich fens	18.55	12.90	12.97	0.07	0.4%	0.2%
ER16	150	Rich fens	18.52	12.89	12.96	0.06	0.4%	0.2%
ER17	160	Rich fens	18.49	12.88	12.95	0.06	0.4%	0.2%
ER18	170	Rich fens	18.47	12.88	12.94	0.06	0.4%	0.2%
ER19	180	Rich fens	18.45	12.87	12.93	0.06	0.4%	0.2%
ER20	190	Rich fens	18.42	12.86	12.92	0.06	0.4%	0.2%
ER21	200	Rich fens	18.41	12.86	12.92	0.06	0.4%	0.2%
Transect 2								

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER22	0	Rich fens	18.83	12.99	13.07	0.08	0.6%	0.3%
ER23	10	Rich fens	18.77	12.97	13.05	0.08	0.5%	0.3%
ER24	20	Rich fens	18.72	12.95	13.03	0.08	0.5%	0.3%
ER25	30	Rich fens	18.67	12.94	13.01	0.07	0.5%	0.2%
ER26	40	Rich fens	18.62	12.92	12.99	0.07	0.5%	0.2%
ER27	50	Rich fens	18.58	12.91	12.98	0.07	0.5%	0.2%
ER28	60	Rich fens	18.54	12.90	12.96	0.06	0.4%	0.2%
ER29	70	Rich fens	18.50	12.88	12.95	0.07	0.4%	0.2%
ER30	80	Rich fens	18.47	12.88	12.94	0.06	0.4%	0.2%
ER31	90	Rich fens	18.44	12.87	12.92	0.06	0.4%	0.2%
ER32	100	Rich fens	18.41	12.86	12.92	0.06	0.4%	0.2%
ER33	110	Rich fens	18.38	12.85	12.90	0.05	0.4%	0.2%
ER34	120	Rich fens	18.36	12.84	12.90	0.06	0.4%	0.2%
ER35	130	Rich fens	18.34	12.84	12.89	0.05	0.3%	0.2%
ER36	140	Rich fens	18.31	12.83	12.88	0.05	0.3%	0.2%
ER37	150	Rich fens	18.29	12.82	12.87	0.05	0.3%	0.2%
ER38	160	Rich fens	18.27	12.82	12.86	0.05	0.3%	0.2%
ER39	170	Rich fens	18.25	12.81	12.86	0.05	0.3%	0.2%
ER40	180	Rich fens	18.24	12.81	12.85	0.04	0.3%	0.1%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER41	190	Rich fens	18.22	12.80	12.84	0.04	0.3%	0.1%
ER42	200	Rich fens	18.21	12.80	12.84	0.04	0.3%	0.1%
Transect 1								
ER1	0	Pioneer, low-mid, mid-upper, saltmarsh	19.32	13.14	13.26	0.12	0.6%	0.4%
ER2	10	Pioneer, low-mid, mid-upper, saltmarsh	19.22	13.11	13.22	0.12	0.6%	0.4%
ER3	20	Pioneer, low-mid, mid-upper, saltmarsh	19.13	13.08	13.19	0.11	0.5%	0.4%
ER4	30	Pioneer, low-mid, mid-upper, saltmarsh	19.05	13.06	13.16	0.10	0.5%	0.3%
ER5	40	Pioneer, low-mid, mid-upper, saltmarsh	18.98	13.04	13.13	0.10	0.5%	0.3%
ER6	50	Pioneer, low-mid, mid-upper, saltmarsh	18.92	13.02	13.11	0.09	0.5%	0.3%
ER7	60	Pioneer, low-mid, mid-upper, saltmarsh	18.87	13.00	13.09	0.09	0.4%	0.3%
ER8	70	Pioneer, low-mid, mid-upper, saltmarsh	18.81	12.98	13.07	0.09	0.4%	0.3%
ER9	80	Pioneer, low-mid,	18.76	12.97	13.05	0.08	0.4%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid-upper, saltmarsh						
ER10	90	Pioneer, low-mid, mid-upper, saltmarsh	18.72	12.95	13.03	0.08	0.4%	0.3%
ER11	100	Pioneer, low-mid, mid-upper, saltmarsh	18.68	12.94	13.02	0.08	0.4%	0.3%
ER12	110	Pioneer, low-mid, mid-upper, saltmarsh	18.64	12.93	13.00	0.07	0.4%	0.2%
ER13	120	Pioneer, low-mid, mid-upper, saltmarsh	18.61	12.92	12.99	0.07	0.3%	0.2%
ER14	130	Pioneer, low-mid, mid-upper, saltmarsh	18.58	12.91	12.98	0.07	0.3%	0.2%
ER15	140	Pioneer, low-mid, mid-upper, saltmarsh	18.55	12.90	12.97	0.07	0.3%	0.2%
ER16	150	Pioneer, low-mid, mid-upper, saltmarsh	18.52	12.89	12.96	0.06	0.3%	0.2%
ER17	160	Pioneer, low-mid, mid-upper, saltmarsh	18.49	12.88	12.95	0.06	0.3%	0.2%
ER18	170	Pioneer, low-mid, mid-upper, saltmarsh	18.47	12.88	12.94	0.06	0.3%	0.2%
ER19	180	Pioneer, low-mid,	18.45	12.87	12.93	0.06	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		mid-upper, saltmarsh						
ER20	190	Pioneer, low-mid, mid-upper, saltmarsh	18.42	12.86	12.92	0.06	0.3%	0.2%
ER21	200	Pioneer, low-mid, mid-upper, saltmarsh	18.41	12.86	12.92	0.06	0.3%	0.2%
Transect 2								
ER22	0	Pioneer, low-mid, mid-upper, saltmarsh	18.83	12.99	13.07	0.08	0.4%	0.3%
ER23	10	Pioneer, low-mid, mid-upper, saltmarsh	18.77	12.97	13.05	0.08	0.4%	0.3%
ER24	20	Pioneer, low-mid, mid-upper, saltmarsh	18.72	12.95	13.03	0.08	0.4%	0.3%
ER25	30	Pioneer, low-mid, mid-upper, saltmarsh	18.67	12.94	13.01	0.07	0.4%	0.2%
ER26	40	Pioneer, low-mid, mid-upper, saltmarsh	18.62	12.92	12.99	0.07	0.4%	0.2%
ER27	50	Pioneer, low-mid, mid-upper, saltmarsh	18.58	12.91	12.98	0.07	0.3%	0.2%
ER28	60	Pioneer, low-mid, mid-upper, saltmarsh	18.54	12.90	12.96	0.06	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER29	70	Pioneer, low-mid, mid-upper, saltmarsh	18.50	12.88	12.95	0.07	0.3%	0.2%
ER30	80	Pioneer, low-mid, mid-upper, saltmarsh	18.47	12.88	12.94	0.06	0.3%	0.2%
ER31	90	Pioneer, low-mid, mid-upper, saltmarsh	18.44	12.87	12.92	0.06	0.3%	0.2%
ER32	100	Pioneer, low-mid, mid-upper, saltmarsh	18.41	12.86	12.92	0.06	0.3%	0.2%
ER33	110	Pioneer, low-mid, mid-upper, saltmarsh	18.38	12.85	12.90	0.05	0.3%	0.2%
ER34	120	Pioneer, low-mid, mid-upper, saltmarsh	18.36	12.84	12.90	0.06	0.3%	0.2%
ER35	130	Pioneer, low-mid, mid-upper, saltmarsh	18.34	12.84	12.89	0.05	0.3%	0.2%
ER36	140	Pioneer, low-mid, mid-upper, saltmarsh	18.31	12.83	12.88	0.05	0.2%	0.2%
ER37	150	Pioneer, low-mid, mid-upper, saltmarsh	18.29	12.82	12.87	0.05	0.2%	0.2%
ER38	160	Pioneer, low-mid, mid-upper, saltmarsh	18.27	12.82	12.86	0.05	0.2%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER39	170	Pioneer, low-mid, mid-upper, saltmarsh	18.25	12.81	12.86	0.05	0.2%	0.2%
ER40	180	Pioneer, low-mid, mid-upper, saltmarsh	18.24	12.81	12.85	0.04	0.2%	0.1%
ER41	190	Pioneer, low-mid, mid-upper, saltmarsh	18.22	12.80	12.84	0.04	0.2%	0.1%
ER42	200	Pioneer, low-mid, mid-upper, saltmarsh	18.21	12.80	12.84	0.04	0.2%	0.1%
Transect 1								
ER1	0	Low & medium altitude hay meadows	19.32	13.14	13.26	0.12	0.6%	0.4%
ER2	10	Low & medium altitude hay meadows	19.22	13.11	13.22	0.12	0.6%	0.4%
ER3	20	Low & medium altitude hay meadows	19.13	13.08	13.19	0.11	0.5%	0.4%
ER4	30	Low & medium altitude hay meadows	19.05	13.06	13.16	0.10	0.5%	0.3%
ER5	40	Low & medium altitude hay meadows	18.98	13.04	13.13	0.10	0.5%	0.3%
ER6	50	Low & medium	18.92	13.02	13.11	0.09	0.5%	0.3%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER7	60	Low & medium altitude hay meadows	18.87	13.00	13.09	0.09	0.4%	0.3%
ER8	70	Low & medium altitude hay meadows	18.81	12.98	13.07	0.09	0.4%	0.3%
ER9	80	Low & medium altitude hay meadows	18.76	12.97	13.05	0.08	0.4%	0.3%
ER10	90	Low & medium altitude hay meadows	18.72	12.95	13.03	0.08	0.4%	0.3%
ER11	100	Low & medium altitude hay meadows	18.68	12.94	13.02	0.08	0.4%	0.3%
ER12	110	Low & medium altitude hay meadows	18.64	12.93	13.00	0.07	0.4%	0.2%
ER13	120	Low & medium altitude hay meadows	18.61	12.92	12.99	0.07	0.3%	0.2%
ER14	130	Low & medium altitude hay meadows	18.58	12.91	12.98	0.07	0.3%	0.2%
ER15	140	Low & medium altitude hay meadows	18.55	12.90	12.97	0.07	0.3%	0.2%
ER16	150	Low & medium	18.52	12.89	12.96	0.06	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
		altitude hay meadows						
ER17	160	Low & medium altitude hay meadows	18.49	12.88	12.95	0.06	0.3%	0.2%
ER18	170	Low & medium altitude hay meadows	18.47	12.88	12.94	0.06	0.3%	0.2%
ER19	180	Low & medium altitude hay meadows	18.45	12.87	12.93	0.06	0.3%	0.2%
ER20	190	Low & medium altitude hay meadows	18.42	12.86	12.92	0.06	0.3%	0.2%
ER21	200	Low & medium altitude hay meadows	18.41	12.86	12.92	0.06	0.3%	0.2%
Transect 2								
ER22	0	Low & medium altitude hay meadows	18.83	12.99	13.07	0.08	0.4%	0.3%
ER23	10	Low & medium altitude hay meadows	18.77	12.97	13.05	0.08	0.4%	0.3%
ER24	20	Low & medium altitude hay meadows	18.72	12.95	13.03	0.08	0.4%	0.3%
ER25	30	Low & medium altitude hay meadows	18.67	12.94	13.01	0.07	0.4%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER26	40	Low & medium altitude hay meadows	18.62	12.92	12.99	0.07	0.4%	0.2%
ER27	50	Low & medium altitude hay meadows	18.58	12.91	12.98	0.07	0.3%	0.2%
ER28	60	Low & medium altitude hay meadows	18.54	12.90	12.96	0.06	0.3%	0.2%
ER29	70	Low & medium altitude hay meadows	18.50	12.88	12.95	0.07	0.3%	0.2%
ER30	80	Low & medium altitude hay meadows	18.47	12.88	12.94	0.06	0.3%	0.2%
ER31	90	Low & medium altitude hay meadows	18.44	12.87	12.92	0.06	0.3%	0.2%
ER32	100	Low & medium altitude hay meadows	18.41	12.86	12.92	0.06	0.3%	0.2%
ER33	110	Low & medium altitude hay meadows	18.38	12.85	12.90	0.05	0.3%	0.2%
ER34	120	Low & medium altitude hay meadows	18.36	12.84	12.90	0.06	0.3%	0.2%
ER35	130	Low & medium altitude hay meadows	18.34	12.84	12.89	0.05	0.3%	0.2%

Receptor	Distance from Designated Site Boundary Nearest Road (m)	N-Dep Habitat	2018 Base (N/ha/yr)	2031 DM (N/ha/yr)	2031 DS (N/ha/yr)	Change (N/ha/yr)	% Change of LCL	% Change of UCL
ER36	140	Low & medium altitude hay meadows	18.31	12.83	12.88	0.05	0.2%	0.2%
ER37	150	Low & medium altitude hay meadows	18.29	12.82	12.87	0.05	0.2%	0.2%
ER38	160	Low & medium altitude hay meadows	18.27	12.82	12.86	0.05	0.2%	0.2%
ER39	170	Low & medium altitude hay meadows	18.25	12.81	12.86	0.05	0.2%	0.2%
ER40	180	Low & medium altitude hay meadows	18.24	12.81	12.85	0.04	0.2%	0.1%
ER41	190	Low & medium altitude hay meadows	18.22	12.80	12.84	0.04	0.2%	0.1%
ER42	200	Low & medium altitude hay meadows	18.21	12.80	12.84	0.04	0.2%	0.1%



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