



# **Norwich Western Link**

## **Environmental Statement**

### **Chapter 6: Air Quality**

#### **Appendix 6.7: Operational Phase Ecological Receptor Results – Part 5 of 6**

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## **1 Ecological Results**

1.1.1 The below tables outline the predicted annual mean NO<sub>2</sub> concentrations for all ecological receptors included in the modelling assessment for all modelled scenarios. The table includes XY coordinates for each receptor point.

**Table 1-1 Model Predicted NH<sub>3</sub> Concentrations, 2019 and Projected Base 2044**

| Receptor ID point | CLvl (µg/m <sup>3</sup> ) | x      | y      | 1. 2019 Base Road NH <sub>3</sub> (µg/m <sup>3</sup> ) | 1. 2019 Base Background NH <sub>3</sub> (µg/m <sup>3</sup> ) | 1. 2019 Base Total NH <sub>3</sub> (µg/m <sup>3</sup> ) | 2. Projected Base 2030 Road NH <sub>3</sub> (µg/m <sup>3</sup> ) | 2. Projected Base 2030 Background NH <sub>3</sub> (µg/m <sup>3</sup> ) | 2. Projected Base 2030 Total NH <sub>3</sub> (µg/m <sup>3</sup> ) | 2.-1. Change NH <sub>3</sub> (µg/m <sup>3</sup> ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|---------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO55 10          | 1                         | 598166 | 312262 | 0.54   | 3.50   | 4.04  | 0.70   | 3.57   | 4.27  | 0.23  | 0.23                                   |
| ECO55 20          | 1                         | 598163 | 312253 | 0.28   | 3.50   | 3.78  | 0.36   | 3.57   | 3.93  | 0.15  | 0.15                                   |
| ECO55 30          | 1                         | 598161 | 312243 | 0.18   | 3.50   | 3.68  | 0.23   | 3.57   | 3.80  | 0.12  | 0.12                                   |
| ECO55 40          | 1                         | 598158 | 312233 | 0.13   | 3.50   | 3.63  | 0.17   | 3.57   | 3.74  | 0.11  | 0.11                                   |
| ECO55 50          | 1                         | 598156 | 312224 | 0.11   | 3.50   | 3.61  | 0.13   | 3.57   | 3.70  | 0.10  | 0.10                                   |
| ECO55 60          | 1                         | 598153 | 312214 | 0.09   | 3.50   | 3.59  | 0.11   | 3.57   | 3.68  | 0.09  | 0.09                                   |
| ECO55 70          | 1                         | 598151 | 312204 | 0.07   | 3.50   | 3.57  | 0.09   | 3.57   | 3.66  | 0.09  | 0.09                                   |
| ECO55 80          | 1                         | 598149 | 312194 | 0.06   | 3.50   | 3.56  | 0.08   | 3.57   | 3.65  | 0.09  | 0.09                                   |
| ECO55 90          | 1                         | 598146 | 312185 | 0.05   | 3.50   | 3.55  | 0.07   | 3.57   | 3.64  | 0.09  | 0.09                                   |
| ECO55 100         | 1                         | 598144 | 312175 | 0.05   | 3.50   | 3.55  | 0.06   | 3.57   | 3.63  | 0.08  | 0.08                                   |
| ECO55 110         | 1                         | 598141 | 312165 | 0.04   | 3.50   | 3.54  | 0.05   | 3.57   | 3.63  | 0.08  | 0.08                                   |
| ECO55 120         | 1                         | 598139 | 312156 | 0.04   | 3.50   | 3.54  | 0.05   | 3.57   | 3.62  | 0.08  | 0.08                                   |
| ECO55 130         | 1                         | 598136 | 312146 | 0.04   | 3.50   | 3.54  | 0.04   | 3.57   | 3.62  | 0.08  | 0.08                                   |
| ECO55 140         | 1                         | 598134 | 312136 | 0.03   | 3.50   | 3.53  | 0.04   | 3.57   | 3.61  | 0.08  | 0.08                                   |
| ECO55 150         | 1                         | 598132 | 312127 | 0.03   | 3.50   | 3.53  | 0.04   | 3.57   | 3.61  | 0.08  | 0.08                                   |
| ECO55 160         | 1                         | 598129 | 312117 | 0.03   | 3.50   | 3.53  | 0.04   | 3.57   | 3.61  | 0.08  | 0.08                                   |
| ECO55 170         | 1                         | 598127 | 312107 | 0.03   | 3.50   | 3.53  | 0.03   | 3.57   | 3.60  | 0.08  | 0.08                                   |
| ECO55 180         | 1                         | 598124 | 312097 | 0.02   | 3.50   | 3.52  | 0.03   | 3.57   | 3.60  | 0.08  | 0.08                                   |
| ECO55 190         | 1                         | 598122 | 312088 | 0.02   | 3.50   | 3.52  | 0.03   | 3.57   | 3.60  | 0.08  | 0.08                                   |
| ECO55 200         | 1                         | 598119 | 312078 | 0.02   | 3.50   | 3.52  | 0.03   | 3.57   | 3.60  | 0.08  | 0.08                                   |
| ECO34 170         | 1                         | 608889 | 312347 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO34 180         | 1                         | 608886 | 312337 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO34 190         | 1                         | 608884 | 312327 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO34 200         | 1                         | 608882 | 312318 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO17 130         | 1                         | 609935 | 311777 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO17 140         | 1                         | 609929 | 311769 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO17 150         | 1                         | 609923 | 311761 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO17 160         | 1                         | 609917 | 311753 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO17 170         | 1                         | 609911 | 311745 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO17 180         | 1                         | 609905 | 311737 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO17 190         | 1                         | 609899 | 311729 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO17 200         | 1                         | 609893 | 311721 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO3 10           | 1                         | 611461 | 311187 | 1.42   | 2.90   | 4.32  | 1.77   | 2.96   | 4.73  | 0.41  | 0.41                                   |
| ECO3 20           | 1                         | 611460 | 311197 | 0.73   | 2.90   | 3.63  | 0.90   | 2.96   | 3.86  | 0.23  | 0.23                                   |
| ECO3 30           | 1                         | 611460 | 311207 | 0.48   | 2.90   | 3.38  | 0.59   | 2.96   | 3.54  | 0.17  | 0.17                                   |
| ECO3 40           | 1                         | 611460 | 311217 | 0.35   | 2.90   | 3.25  | 0.43   | 2.96   | 3.39  | 0.14  | 0.14                                   |
| ECO3 50           | 1                         | 611460 | 311227 | 0.28   | 2.90   | 3.18  | 0.34   | 2.96   | 3.30  | 0.12  | 0.12                                   |
| ECO3 60           | 1                         | 611459 | 311237 | 0.23   | 2.90   | 3.13  | 0.28   | 2.96   | 3.23  | 0.11  | 0.11                                   |
| ECO3 70           | 1                         | 611459 | 311247 | 0.19   | 2.90   | 3.09  | 0.23   | 2.96   | 3.19  | 0.10  | 0.10                                   |
| ECO3 80           | 1                         | 611459 | 311257 | 0.17   | 2.90   | 3.07  | 0.20   | 2.96   | 3.16  | 0.09  | 0.09                                   |
| ECO3 90           | 1                         | 611459 | 311266 | 0.15   | 2.90   | 3.05  | 0.18   | 2.96   | 3.14  | 0.09  | 0.09                                   |
| ECO3 100          | 1                         | 611458 | 311276 | 0.13   | 2.90   | 3.03  | 0.16   | 2.96   | 3.12  | 0.09  | 0.09                                   |
| ECO3 110          | 1                         | 611458 | 311286 | 0.12   | 2.90   | 3.02  | 0.14   | 2.96   | 3.10  | 0.08  | 0.08                                   |
| ECO3 120          | 1                         | 611458 | 311296 | 0.11   | 2.90   | 3.01  | 0.13   | 2.96   | 3.09  | 0.08  | 0.08                                   |
| ECO3 130          | 1                         | 611458 | 311306 | 0.10   | 2.90   | 3.00  | 0.12   | 2.96   | 3.08  | 0.08  | 0.08                                   |
| ECO3 140          | 1                         | 611457 | 311316 | 0.09   | 2.90   | 2.99  | 0.11   | 2.96   | 3.07  | 0.08  | 0.08                                   |
| ECO3 150          | 1                         | 611457 | 311326 | 0.08   | 2.90   | 2.98  | 0.10   | 2.96   | 3.06  | 0.08  | 0.08                                   |
| ECO3 160          | 1                         | 611457 | 311336 | 0.08   | 2.90   | 2.98  | 0.10   | 2.96   | 3.05  | 0.08  | 0.08                                   |
| ECO3 170          | 1                         | 611456 | 311346 | 0.07   | 2.90   | 2.97  | 0.09   | 2.96   | 3.05  | 0.07  | 0.07                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO3_180          | 1                                 | 611456 | 311356 | 0.07   | 2.90   | 2.97  | 0.08   | 2.96   | 3.04  | 0.07  | 0.07                                   |
| ECO3_190          | 1                                 | 611456 | 311366 | 0.07   | 2.90   | 2.97  | 0.08   | 2.96   | 3.04  | 0.07  | 0.07                                   |
| ECO3_200          | 1                                 | 611456 | 311376 | 0.06   | 2.90   | 2.96  | 0.08   | 2.96   | 3.03  | 0.07  | 0.07                                   |
| ECO60_20          | 1                                 | 614627 | 310988 | 0.62   | 2.80   | 3.42  | 0.81   | 2.86   | 3.66  | 0.24  | 0.24                                   |
| ECO60_30          | 1                                 | 614630 | 310998 | 0.42   | 2.80   | 3.22  | 0.55   | 2.86   | 3.40  | 0.18  | 0.18                                   |
| ECO60_40          | 1                                 | 614632 | 311008 | 0.32   | 2.80   | 3.12  | 0.41   | 2.86   | 3.27  | 0.15  | 0.15                                   |
| ECO60_50          | 1                                 | 614634 | 311017 | 0.25   | 2.80   | 3.05  | 0.32   | 2.86   | 3.18  | 0.13  | 0.13                                   |
| ECO60_60          | 1                                 | 614637 | 311027 | 0.21   | 2.80   | 3.01  | 0.27   | 2.86   | 3.13  | 0.12  | 0.12                                   |
| ECO60_70          | 1                                 | 614639 | 311037 | 0.18   | 2.80   | 2.98  | 0.23   | 2.86   | 3.09  | 0.11  | 0.11                                   |
| ECO60_80          | 1                                 | 614641 | 311047 | 0.16   | 2.80   | 2.96  | 0.20   | 2.86   | 3.06  | 0.10  | 0.10                                   |
| ECO60_90          | 1                                 | 614644 | 311056 | 0.14   | 2.80   | 2.94  | 0.18   | 2.86   | 3.03  | 0.09  | 0.09                                   |
| ECO60_100         | 1                                 | 614646 | 311066 | 0.12   | 2.80   | 2.92  | 0.16   | 2.86   | 3.01  | 0.09  | 0.09                                   |
| ECO60_110         | 1                                 | 614648 | 311076 | 0.11   | 2.80   | 2.91  | 0.14   | 2.86   | 3.00  | 0.09  | 0.09                                   |
| ECO60_120         | 1                                 | 614651 | 311085 | 0.10   | 2.80   | 2.90  | 0.13   | 2.86   | 2.99  | 0.08  | 0.08                                   |
| ECO60_130         | 1                                 | 614653 | 311095 | 0.09   | 2.80   | 2.89  | 0.12   | 2.86   | 2.98  | 0.08  | 0.08                                   |
| ECO60_140         | 1                                 | 614656 | 311105 | 0.09   | 2.80   | 2.89  | 0.11   | 2.86   | 2.97  | 0.08  | 0.08                                   |
| ECO60_150         | 1                                 | 614658 | 311115 | 0.08   | 2.80   | 2.88  | 0.10   | 2.86   | 2.96  | 0.08  | 0.08                                   |
| ECO60_160         | 1                                 | 614660 | 311124 | 0.08   | 2.80   | 2.88  | 0.10   | 2.86   | 2.95  | 0.08  | 0.08                                   |
| ECO60_170         | 1                                 | 614663 | 311134 | 0.07   | 2.80   | 2.87  | 0.09   | 2.86   | 2.95  | 0.08  | 0.08                                   |
| ECO60_180         | 1                                 | 614665 | 311144 | 0.07   | 2.80   | 2.87  | 0.08   | 2.86   | 2.94  | 0.08  | 0.08                                   |
| ECO60_190         | 1                                 | 614667 | 311153 | 0.06   | 2.80   | 2.86  | 0.08   | 2.86   | 2.94  | 0.07  | 0.07                                   |
| ECO60_200         | 1                                 | 614670 | 311163 | 0.06   | 2.80   | 2.86  | 0.08   | 2.86   | 2.93  | 0.07  | 0.07                                   |
| ECO48_10          | 1                                 | 620635 | 309693 | 1.50   | 2.70   | 4.20  | 1.76   | 2.76   | 4.51  | 0.31  | 0.31                                   |
| ECO48_20          | 1                                 | 620645 | 309693 | 0.79   | 2.70   | 3.49  | 0.92   | 2.76   | 3.68  | 0.18  | 0.18                                   |
| ECO48_30          | 1                                 | 620655 | 309693 | 0.54   | 2.70   | 3.24  | 0.62   | 2.76   | 3.38  | 0.14  | 0.14                                   |
| ECO48_40          | 1                                 | 620665 | 309693 | 0.41   | 2.70   | 3.11  | 0.47   | 2.76   | 3.22  | 0.12  | 0.12                                   |
| ECO48_50          | 1                                 | 620675 | 309693 | 0.33   | 2.70   | 3.03  | 0.38   | 2.76   | 3.13  | 0.11  | 0.11                                   |
| ECO48_60          | 1                                 | 620685 | 309693 | 0.27   | 2.70   | 2.97  | 0.32   | 2.76   | 3.07  | 0.10  | 0.10                                   |
| ECO48_70          | 1                                 | 620695 | 309693 | 0.24   | 2.70   | 2.94  | 0.27   | 2.76   | 3.03  | 0.09  | 0.09                                   |
| ECO48_80          | 1                                 | 620705 | 309693 | 0.21   | 2.70   | 2.91  | 0.24   | 2.76   | 3.00  | 0.09  | 0.09                                   |
| ECO48_90          | 1                                 | 620715 | 309694 | 0.19   | 2.70   | 2.89  | 0.22   | 2.76   | 2.97  | 0.08  | 0.08                                   |
| ECO48_100         | 1                                 | 620725 | 309694 | 0.17   | 2.70   | 2.87  | 0.20   | 2.76   | 2.95  | 0.08  | 0.08                                   |
| ECO48_110         | 1                                 | 620735 | 309694 | 0.16   | 2.70   | 2.86  | 0.18   | 2.76   | 2.94  | 0.08  | 0.08                                   |
| ECO48_120         | 1                                 | 620745 | 309694 | 0.15   | 2.70   | 2.85  | 0.17   | 2.76   | 2.92  | 0.08  | 0.08                                   |
| ECO48_130         | 1                                 | 620755 | 309694 | 0.14   | 2.70   | 2.84  | 0.16   | 2.76   | 2.91  | 0.08  | 0.08                                   |
| ECO48_140         | 1                                 | 620765 | 309694 | 0.13   | 2.70   | 2.83  | 0.15   | 2.76   | 2.90  | 0.08  | 0.08                                   |
| ECO48_150         | 1                                 | 620775 | 309694 | 0.12   | 2.70   | 2.82  | 0.14   | 2.76   | 2.89  | 0.07  | 0.07                                   |
| ECO48_160         | 1                                 | 620785 | 309695 | 0.11   | 2.70   | 2.81  | 0.13   | 2.76   | 2.89  | 0.07  | 0.07                                   |
| ECO48_170         | 1                                 | 620795 | 309695 | 0.11   | 2.70   | 2.81  | 0.12   | 2.76   | 2.88  | 0.07  | 0.07                                   |
| ECO48_180         | 1                                 | 620805 | 309695 | 0.10   | 2.70   | 2.80  | 0.12   | 2.76   | 2.87  | 0.07  | 0.07                                   |
| ECO48_190         | 1                                 | 620815 | 309695 | 0.10   | 2.70   | 2.80  | 0.11   | 2.76   | 2.87  | 0.07  | 0.07                                   |
| ECO48_200         | 1                                 | 620825 | 309695 | 0.09   | 2.70   | 2.79  | 0.11   | 2.76   | 2.86  | 0.07  | 0.07                                   |
| ECO26_100         | 3                                 | 616441 | 312014 | 0.05   | 2.60   | 2.65  | 0.06   | 2.65   | 2.71  | 0.06  | 0.02                                   |
| ECO26_110         | 3                                 | 616450 | 312017 | 0.05   | 2.60   | 2.65  | 0.05   | 2.65   | 2.71  | 0.06  | 0.02                                   |
| ECO26_120         | 3                                 | 616459 | 312020 | 0.04   | 2.60   | 2.64  | 0.05   | 2.65   | 2.70  | 0.06  | 0.02                                   |
| ECO26_130         | 3                                 | 616469 | 312024 | 0.04   | 2.60   | 2.64  | 0.05   | 2.65   | 2.70  | 0.06  | 0.02                                   |
| ECO26_140         | 3                                 | 616478 | 312027 | 0.04   | 2.60   | 2.64  | 0.05   | 2.65   | 2.70  | 0.06  | 0.02                                   |
| ECO26_150         | 3                                 | 616488 | 312030 | 0.04   | 2.60   | 2.64  | 0.05   | 2.65   | 2.70  | 0.06  | 0.02                                   |
| ECO26_160         | 3                                 | 616497 | 312033 | 0.04   | 2.60   | 2.64  | 0.04   | 2.65   | 2.70  | 0.06  | 0.02                                   |
| ECO26_170         | 3                                 | 616507 | 312037 | 0.04   | 2.60   | 2.64  | 0.04   | 2.65   | 2.70  | 0.06  | 0.02                                   |
| ECO26_180         | 3                                 | 616516 | 312040 | 0.03   | 2.60   | 2.63  | 0.04   | 2.65   | 2.69  | 0.06  | 0.02                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO26_190         | 3                                 | 616526 | 312043 | 0.03   | 2.60   | 2.63  | 0.04   | 2.65   | 2.69  | 0.06  | 0.02                                   |
| ECO26_200         | 3                                 | 616535 | 312047 | 0.03   | 2.60   | 2.63  | 0.04   | 2.65   | 2.69  | 0.06  | 0.02                                   |
| ECO8_10           | 1                                 | 615948 | 313513 | 0.17   | 2.80   | 2.97  | 0.20   | 2.86   | 3.06  | 0.09  | 0.09                                   |
| ECO8_20           | 1                                 | 615938 | 313514 | 0.09   | 2.80   | 2.89  | 0.10   | 2.86   | 2.96  | 0.07  | 0.07                                   |
| ECO8_30           | 1                                 | 615928 | 313514 | 0.06   | 2.80   | 2.86  | 0.07   | 2.86   | 2.92  | 0.07  | 0.07                                   |
| ECO8_40           | 1                                 | 615918 | 313514 | 0.04   | 2.80   | 2.84  | 0.05   | 2.86   | 2.91  | 0.06  | 0.06                                   |
| ECO8_50           | 1                                 | 615908 | 313514 | 0.03   | 2.80   | 2.83  | 0.04   | 2.86   | 2.90  | 0.06  | 0.06                                   |
| ECO8_60           | 1                                 | 615898 | 313514 | 0.03   | 2.80   | 2.83  | 0.03   | 2.86   | 2.89  | 0.06  | 0.06                                   |
| ECO8_70           | 1                                 | 615888 | 313515 | 0.03   | 2.80   | 2.83  | 0.03   | 2.86   | 2.89  | 0.06  | 0.06                                   |
| ECO8_80           | 1                                 | 615878 | 313515 | 0.02   | 2.80   | 2.82  | 0.03   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_90           | 1                                 | 615868 | 313515 | 0.02   | 2.80   | 2.82  | 0.02   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_100          | 1                                 | 615858 | 313515 | 0.02   | 2.80   | 2.82  | 0.02   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_110          | 1                                 | 615848 | 313516 | 0.02   | 2.80   | 2.82  | 0.02   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_120          | 1                                 | 615838 | 313516 | 0.02   | 2.80   | 2.82  | 0.02   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_130          | 1                                 | 615828 | 313516 | 0.02   | 2.80   | 2.82  | 0.02   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_140          | 1                                 | 615818 | 313516 | 0.02   | 2.80   | 2.82  | 0.02   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_150          | 1                                 | 615808 | 313516 | 0.02   | 2.80   | 2.82  | 0.02   | 2.86   | 2.88  | 0.06  | 0.06                                   |
| ECO8_160          | 1                                 | 615798 | 313517 | 0.01   | 2.80   | 2.81  | 0.02   | 2.86   | 2.87  | 0.06  | 0.06                                   |
| ECO8_170          | 1                                 | 615788 | 313517 | 0.01   | 2.80   | 2.81  | 0.02   | 2.86   | 2.87  | 0.06  | 0.06                                   |
| ECO8_180          | 1                                 | 615778 | 313517 | 0.01   | 2.80   | 2.81  | 0.02   | 2.86   | 2.87  | 0.06  | 0.06                                   |
| ECO8_190          | 1                                 | 615768 | 313517 | 0.01   | 2.80   | 2.81  | 0.02   | 2.86   | 2.87  | 0.06  | 0.06                                   |
| ECO8_200          | 1                                 | 615758 | 313517 | 0.01   | 2.80   | 2.81  | 0.02   | 2.86   | 2.87  | 0.06  | 0.06                                   |
| ECO50_10          | 3                                 | 614139 | 313697 | 0.18   | 2.90   | 3.08  | 0.21   | 2.96   | 3.17  | 0.09  | 0.03                                   |
| ECO50_20          | 3                                 | 614131 | 313691 | 0.10   | 2.90   | 3.00  | 0.11   | 2.96   | 3.07  | 0.08  | 0.03                                   |
| ECO50_30          | 3                                 | 614123 | 313684 | 0.07   | 2.90   | 2.97  | 0.08   | 2.96   | 3.04  | 0.07  | 0.02                                   |
| ECO50_40          | 3                                 | 614115 | 313678 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.02  | 0.07  | 0.02                                   |
| ECO50_50          | 3                                 | 614108 | 313672 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.02                                   |
| ECO50_60          | 3                                 | 614100 | 313666 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.00  | 0.07  | 0.02                                   |
| ECO50_70          | 3                                 | 614092 | 313659 | 0.03   | 2.90   | 2.93  | 0.04   | 2.96   | 3.00  | 0.07  | 0.02                                   |
| ECO50_80          | 3                                 | 614084 | 313653 | 0.03   | 2.90   | 2.93  | 0.04   | 2.96   | 3.00  | 0.07  | 0.02                                   |
| ECO50_90          | 3                                 | 614077 | 313647 | 0.03   | 2.90   | 2.93  | 0.04   | 2.96   | 3.00  | 0.07  | 0.02                                   |
| ECO50_100         | 3                                 | 614069 | 313640 | 0.03   | 2.90   | 2.93  | 0.03   | 2.96   | 2.99  | 0.07  | 0.02                                   |
| ECO50_110         | 3                                 | 614061 | 313634 | 0.03   | 2.90   | 2.93  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO50_120         | 3                                 | 614053 | 313628 | 0.03   | 2.90   | 2.93  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO50_130         | 3                                 | 614046 | 313621 | 0.03   | 2.90   | 2.93  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO50_140         | 3                                 | 614038 | 313615 | 0.03   | 2.90   | 2.93  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO65_10          | 1                                 | 613376 | 313966 | 0.03   | 3.00   | 3.03  | 0.04   | 3.06   | 3.10  | 0.07  | 0.07                                   |
| ECO65_20          | 1                                 | 613367 | 313971 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO65_30          | 1                                 | 613358 | 313975 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO65_40          | 1                                 | 613349 | 313979 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO65_50          | 1                                 | 613340 | 313983 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO65_60          | 1                                 | 613330 | 313987 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_70          | 1                                 | 613321 | 313991 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_80          | 1                                 | 613312 | 313995 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_90          | 1                                 | 613303 | 313999 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_100         | 1                                 | 613294 | 314003 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_110         | 1                                 | 613285 | 314008 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_120         | 1                                 | 613276 | 314012 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_130         | 1                                 | 613267 | 314016 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_140         | 1                                 | 613257 | 314020 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_150         | 1                                 | 613248 | 314024 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO65_160         | 1                                 | 613239 | 314028 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_170         | 1                                 | 613230 | 314032 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_180         | 1                                 | 613221 | 314036 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_190         | 1                                 | 613212 | 314041 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO65_200         | 1                                 | 613203 | 314045 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO35_90          | 3                                 | 614470 | 315612 | 0.07   | 3.10   | 3.17  | 0.08   | 3.16   | 3.24  | 0.08  | 0.03                                   |
| ECO35_100         | 3                                 | 614474 | 315621 | 0.06   | 3.10   | 3.16  | 0.07   | 3.16   | 3.24  | 0.08  | 0.03                                   |
| ECO35_110         | 3                                 | 614479 | 315630 | 0.05   | 3.10   | 3.15  | 0.07   | 3.16   | 3.23  | 0.08  | 0.03                                   |
| ECO35_120         | 3                                 | 614484 | 315639 | 0.05   | 3.10   | 3.15  | 0.06   | 3.16   | 3.23  | 0.07  | 0.02                                   |
| ECO35_130         | 3                                 | 614489 | 315647 | 0.05   | 3.10   | 3.15  | 0.06   | 3.16   | 3.22  | 0.07  | 0.02                                   |
| ECO35_140         | 3                                 | 614494 | 315656 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.22  | 0.07  | 0.02                                   |
| ECO35_150         | 3                                 | 614499 | 315665 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.21  | 0.07  | 0.02                                   |
| ECO35_160         | 3                                 | 614504 | 315673 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.21  | 0.07  | 0.02                                   |
| ECO35_170         | 3                                 | 614509 | 315682 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.21  | 0.07  | 0.02                                   |
| ECO35_180         | 3                                 | 614514 | 315691 | 0.04   | 3.10   | 3.14  | 0.04   | 3.16   | 3.21  | 0.07  | 0.02                                   |
| ECO35_190         | 3                                 | 614519 | 315699 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.02                                   |
| ECO35_200         | 3                                 | 614524 | 315708 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.02                                   |
| ECO36_10          | 1                                 | 613442 | 316357 | 0.69   | 3.40   | 4.09  | 0.86   | 3.47   | 4.33  | 0.24  | 0.24                                   |
| ECO36_20          | 1                                 | 613449 | 316363 | 0.36   | 3.40   | 3.76  | 0.44   | 3.47   | 3.91  | 0.15  | 0.15                                   |
| ECO36_30          | 1                                 | 613457 | 316370 | 0.24   | 3.40   | 3.64  | 0.29   | 3.47   | 3.76  | 0.12  | 0.12                                   |
| ECO36_40          | 1                                 | 613464 | 316376 | 0.17   | 3.40   | 3.57  | 0.21   | 3.47   | 3.68  | 0.11  | 0.11                                   |
| ECO36_50          | 1                                 | 613472 | 316383 | 0.14   | 3.40   | 3.54  | 0.17   | 3.47   | 3.64  | 0.10  | 0.10                                   |
| ECO36_60          | 1                                 | 613480 | 316389 | 0.11   | 3.40   | 3.51  | 0.14   | 3.47   | 3.61  | 0.09  | 0.09                                   |
| ECO36_70          | 1                                 | 613487 | 316396 | 0.09   | 3.40   | 3.49  | 0.12   | 3.47   | 3.59  | 0.09  | 0.09                                   |
| ECO36_80          | 1                                 | 613495 | 316403 | 0.08   | 3.40   | 3.48  | 0.10   | 3.47   | 3.57  | 0.09  | 0.09                                   |
| ECO36_90          | 1                                 | 613502 | 316409 | 0.07   | 3.40   | 3.47  | 0.09   | 3.47   | 3.56  | 0.09  | 0.09                                   |
| ECO36_100         | 1                                 | 613510 | 316416 | 0.06   | 3.40   | 3.46  | 0.08   | 3.47   | 3.55  | 0.08  | 0.08                                   |
| ECO36_110         | 1                                 | 613517 | 316422 | 0.06   | 3.40   | 3.46  | 0.07   | 3.47   | 3.54  | 0.08  | 0.08                                   |
| ECO36_120         | 1                                 | 613525 | 316429 | 0.05   | 3.40   | 3.45  | 0.07   | 3.47   | 3.53  | 0.08  | 0.08                                   |
| ECO36_130         | 1                                 | 613533 | 316435 | 0.05   | 3.40   | 3.45  | 0.06   | 3.47   | 3.53  | 0.08  | 0.08                                   |
| ECO36_140         | 1                                 | 613540 | 316442 | 0.05   | 3.40   | 3.45  | 0.06   | 3.47   | 3.53  | 0.08  | 0.08                                   |
| ECO36_150         | 1                                 | 613548 | 316448 | 0.04   | 3.40   | 3.44  | 0.05   | 3.47   | 3.52  | 0.08  | 0.08                                   |
| ECO36_160         | 1                                 | 613555 | 316455 | 0.04   | 3.40   | 3.44  | 0.05   | 3.47   | 3.52  | 0.08  | 0.08                                   |
| ECO36_170         | 1                                 | 613563 | 316461 | 0.04   | 3.40   | 3.44  | 0.05   | 3.47   | 3.52  | 0.08  | 0.08                                   |
| ECO36_180         | 1                                 | 613571 | 316468 | 0.04   | 3.40   | 3.44  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| ECO36_190         | 1                                 | 613578 | 316474 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| ECO36_200         | 1                                 | 613586 | 316481 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| ECO13_10          | 1                                 | 612938 | 317508 | 0.04   | 3.60   | 3.64  | 0.04   | 3.67   | 3.72  | 0.08  | 0.08                                   |
| ECO13_20          | 1                                 | 612947 | 317504 | 0.02   | 3.60   | 3.62  | 0.03   | 3.67   | 3.70  | 0.08  | 0.08                                   |
| ECO13_30          | 1                                 | 612956 | 317500 | 0.02   | 3.60   | 3.62  | 0.02   | 3.67   | 3.70  | 0.08  | 0.08                                   |
| ECO13_40          | 1                                 | 612965 | 317495 | 0.02   | 3.60   | 3.62  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_50          | 1                                 | 612974 | 317491 | 0.02   | 3.60   | 3.62  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_60          | 1                                 | 612984 | 317487 | 0.01   | 3.60   | 3.61  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_70          | 1                                 | 612993 | 317483 | 0.01   | 3.60   | 3.61  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_80          | 1                                 | 613002 | 317479 | 0.01   | 3.60   | 3.61  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_90          | 1                                 | 613011 | 317475 | 0.01   | 3.60   | 3.61  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_100         | 1                                 | 613020 | 317471 | 0.01   | 3.60   | 3.61  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_110         | 1                                 | 613029 | 317467 | 0.01   | 3.60   | 3.61  | 0.02   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_120         | 1                                 | 613038 | 317463 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_130         | 1                                 | 613048 | 317459 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_140         | 1                                 | 613057 | 317455 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO13_150         | 1                                 | 613066 | 317451 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_160         | 1                                 | 613075 | 317447 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_170         | 1                                 | 613084 | 317443 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_180         | 1                                 | 613093 | 317439 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_190         | 1                                 | 613102 | 317435 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO13_200         | 1                                 | 613112 | 317431 | 0.01   | 3.60   | 3.61  | 0.01   | 3.67   | 3.69  | 0.08  | 0.08                                   |
| ECO31_10          | 1                                 | 610214 | 317472 | 0.20   | 3.40   | 3.60  | 0.24   | 3.47   | 3.71  | 0.11  | 0.11                                   |
| ECO31_20          | 1                                 | 610223 | 317467 | 0.11   | 3.40   | 3.51  | 0.13   | 3.47   | 3.60  | 0.09  | 0.09                                   |
| ECO31_30          | 1                                 | 610232 | 317463 | 0.07   | 3.40   | 3.47  | 0.09   | 3.47   | 3.56  | 0.08  | 0.08                                   |
| ECO31_40          | 1                                 | 610241 | 317458 | 0.05   | 3.40   | 3.45  | 0.07   | 3.47   | 3.54  | 0.08  | 0.08                                   |
| ECO31_50          | 1                                 | 610249 | 317453 | 0.04   | 3.40   | 3.44  | 0.05   | 3.47   | 3.52  | 0.08  | 0.08                                   |
| ECO31_60          | 1                                 | 610258 | 317449 | 0.04   | 3.40   | 3.44  | 0.05   | 3.47   | 3.52  | 0.08  | 0.08                                   |
| ECO31_70          | 1                                 | 610267 | 317444 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| ECO31_80          | 1                                 | 610276 | 317439 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| ECO31_90          | 1                                 | 610285 | 317435 | 0.03   | 3.40   | 3.43  | 0.03   | 3.47   | 3.50  | 0.08  | 0.08                                   |
| ECO31_100         | 1                                 | 610294 | 317430 | 0.02   | 3.40   | 3.42  | 0.03   | 3.47   | 3.50  | 0.07  | 0.07                                   |
| ECO31_110         | 1                                 | 610303 | 317426 | 0.02   | 3.40   | 3.42  | 0.03   | 3.47   | 3.50  | 0.07  | 0.07                                   |
| ECO31_120         | 1                                 | 610311 | 317421 | 0.02   | 3.40   | 3.42  | 0.03   | 3.47   | 3.50  | 0.07  | 0.07                                   |
| ECO31_130         | 1                                 | 610320 | 317416 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO31_140         | 1                                 | 610329 | 317412 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO31_150         | 1                                 | 610338 | 317407 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO31_160         | 1                                 | 610347 | 317402 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO31_170         | 1                                 | 610356 | 317398 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO31_180         | 1                                 | 610365 | 317393 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO31_190         | 1                                 | 610374 | 317389 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO31_200         | 1                                 | 610382 | 317384 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.07                                   |
| ECO12_160         | 1                                 | 610057 | 318126 | 0.03   | 3.30   | 3.33  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO12_170         | 1                                 | 610054 | 318117 | 0.03   | 3.30   | 3.33  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO12_180         | 1                                 | 610050 | 318108 | 0.02   | 3.30   | 3.32  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO12_190         | 1                                 | 610046 | 318098 | 0.02   | 3.30   | 3.32  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO12_200         | 1                                 | 610043 | 318089 | 0.02   | 3.30   | 3.32  | 0.03   | 3.37   | 3.39  | 0.07  | 0.07                                   |
| ECO30_70          | 1                                 | 610206 | 318326 | 0.11   | 3.30   | 3.41  | 0.14   | 3.37   | 3.51  | 0.09  | 0.09                                   |
| ECO30_80          | 1                                 | 610208 | 318336 | 0.10   | 3.30   | 3.40  | 0.12   | 3.37   | 3.49  | 0.09  | 0.09                                   |
| ECO30_90          | 1                                 | 610210 | 318345 | 0.09   | 3.30   | 3.39  | 0.11   | 3.37   | 3.47  | 0.09  | 0.09                                   |
| ECO30_100         | 1                                 | 610213 | 318355 | 0.08   | 3.30   | 3.38  | 0.10   | 3.37   | 3.46  | 0.08  | 0.08                                   |
| ECO30_110         | 1                                 | 610215 | 318365 | 0.07   | 3.30   | 3.37  | 0.09   | 3.37   | 3.45  | 0.08  | 0.08                                   |
| ECO30_120         | 1                                 | 610217 | 318375 | 0.07   | 3.30   | 3.37  | 0.08   | 3.37   | 3.45  | 0.08  | 0.08                                   |
| ECO30_130         | 1                                 | 610220 | 318384 | 0.06   | 3.30   | 3.36  | 0.07   | 3.37   | 3.44  | 0.08  | 0.08                                   |
| ECO30_140         | 1                                 | 610222 | 318394 | 0.06   | 3.30   | 3.36  | 0.07   | 3.37   | 3.44  | 0.08  | 0.08                                   |
| ECO30_150         | 1                                 | 610224 | 318404 | 0.05   | 3.30   | 3.35  | 0.06   | 3.37   | 3.43  | 0.08  | 0.08                                   |
| ECO30_160         | 1                                 | 610226 | 318414 | 0.05   | 3.30   | 3.35  | 0.06   | 3.37   | 3.43  | 0.08  | 0.08                                   |
| ECO30_170         | 1                                 | 610229 | 318423 | 0.05   | 3.30   | 3.35  | 0.06   | 3.37   | 3.42  | 0.08  | 0.08                                   |
| ECO30_180         | 1                                 | 610231 | 318433 | 0.04   | 3.30   | 3.34  | 0.05   | 3.37   | 3.42  | 0.08  | 0.08                                   |
| ECO30_190         | 1                                 | 610233 | 318443 | 0.04   | 3.30   | 3.34  | 0.05   | 3.37   | 3.42  | 0.08  | 0.08                                   |
| ECO30_200         | 1                                 | 610235 | 318453 | 0.04   | 3.30   | 3.34  | 0.05   | 3.37   | 3.42  | 0.08  | 0.08                                   |
| ECO21_10          | 1                                 | 615489 | 315065 | 0.38   | 3.10   | 3.48  | 0.44   | 3.16   | 3.60  | 0.13  | 0.13                                   |
| ECO21_20          | 1                                 | 615493 | 315075 | 0.20   | 3.10   | 3.30  | 0.23   | 3.16   | 3.40  | 0.10  | 0.10                                   |
| ECO21_30          | 1                                 | 615496 | 315084 | 0.14   | 3.10   | 3.24  | 0.16   | 3.16   | 3.32  | 0.09  | 0.09                                   |
| ECO21_40          | 1                                 | 615499 | 315094 | 0.10   | 3.10   | 3.20  | 0.12   | 3.16   | 3.28  | 0.08  | 0.08                                   |
| ECO21_50          | 1                                 | 615502 | 315103 | 0.08   | 3.10   | 3.18  | 0.10   | 3.16   | 3.26  | 0.08  | 0.08                                   |
| ECO21_60          | 1                                 | 615505 | 315113 | 0.07   | 3.10   | 3.17  | 0.08   | 3.16   | 3.25  | 0.07  | 0.07                                   |



| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO21_70          | 1                                 | 615509 | 315122 | 0.06   | 3.10   | 3.16  | 0.07   | 3.16   | 3.24  | 0.07  | 0.07                                   |
| ECO21_80          | 1                                 | 615512 | 315132 | 0.06   | 3.10   | 3.16  | 0.07   | 3.16   | 3.23  | 0.07  | 0.07                                   |
| ECO21_90          | 1                                 | 615515 | 315141 | 0.05   | 3.10   | 3.15  | 0.06   | 3.16   | 3.22  | 0.07  | 0.07                                   |
| ECO21_100         | 1                                 | 615518 | 315151 | 0.05   | 3.10   | 3.15  | 0.06   | 3.16   | 3.22  | 0.07  | 0.07                                   |
| ECO21_110         | 1                                 | 615521 | 315160 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.22  | 0.07  | 0.07                                   |
| ECO21_120         | 1                                 | 615524 | 315170 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.21  | 0.07  | 0.07                                   |
| ECO21_130         | 1                                 | 615528 | 315179 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.21  | 0.07  | 0.07                                   |
| ECO21_140         | 1                                 | 615531 | 315189 | 0.04   | 3.10   | 3.14  | 0.04   | 3.16   | 3.21  | 0.07  | 0.07                                   |
| ECO21_150         | 1                                 | 615534 | 315198 | 0.04   | 3.10   | 3.14  | 0.04   | 3.16   | 3.21  | 0.07  | 0.07                                   |
| ECO21_160         | 1                                 | 615537 | 315208 | 0.04   | 3.10   | 3.14  | 0.04   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO21_170         | 1                                 | 615540 | 315217 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO21_180         | 1                                 | 615544 | 315226 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO21_190         | 1                                 | 615547 | 315236 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO21_200         | 1                                 | 615550 | 315245 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO7_150          | 1                                 | 615357 | 315533 | 0.03   | 3.10   | 3.13  | 0.03   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO7_160          | 1                                 | 615360 | 315524 | 0.03   | 3.10   | 3.13  | 0.03   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO7_170          | 1                                 | 615363 | 315514 | 0.03   | 3.10   | 3.13  | 0.03   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| ECO7_180          | 1                                 | 615366 | 315504 | 0.03   | 3.10   | 3.13  | 0.03   | 3.16   | 3.19  | 0.07  | 0.07                                   |
| ECO7_190          | 1                                 | 615369 | 315495 | 0.03   | 3.10   | 3.13  | 0.03   | 3.16   | 3.19  | 0.07  | 0.07                                   |
| ECO7_200          | 1                                 | 615372 | 315485 | 0.03   | 3.10   | 3.13  | 0.03   | 3.16   | 3.19  | 0.07  | 0.07                                   |
| ECO18_10          | 1                                 | 609799 | 313046 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_20          | 1                                 | 609809 | 313043 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_30          | 1                                 | 609818 | 313039 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_40          | 1                                 | 609827 | 313035 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_50          | 1                                 | 609837 | 313032 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_60          | 1                                 | 609846 | 313028 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_70          | 1                                 | 609855 | 313024 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_80          | 1                                 | 609865 | 313021 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_90          | 1                                 | 609874 | 313017 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_100         | 1                                 | 609883 | 313014 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_110         | 1                                 | 609893 | 313010 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_120         | 1                                 | 609902 | 313006 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_130         | 1                                 | 609911 | 313003 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_140         | 1                                 | 609920 | 312999 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_150         | 1                                 | 609930 | 312995 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_160         | 1                                 | 609939 | 312992 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_170         | 1                                 | 609948 | 312988 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO18_180         | 1                                 | 609958 | 312984 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_10           | 1                                 | 609909 | 313310 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_20           | 1                                 | 609900 | 313313 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_30           | 1                                 | 609890 | 313316 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_40           | 1                                 | 609881 | 313320 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_50           | 1                                 | 609871 | 313323 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_60           | 1                                 | 609862 | 313326 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_70           | 1                                 | 609853 | 313330 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_80           | 1                                 | 609843 | 313333 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_90           | 1                                 | 609834 | 313336 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO64_30          | 1                                 | 620595 | 309692 | 0.37   | 2.70   | 3.07  | 0.43   | 2.76   | 3.18  | 0.11  | 0.11                                   |
| ECO64_40          | 1                                 | 620585 | 309692 | 0.28   | 2.70   | 2.98  | 0.32   | 2.76   | 3.08  | 0.10  | 0.10                                   |
| ECO64_50          | 1                                 | 620575 | 309692 | 0.23   | 2.70   | 2.93  | 0.26   | 2.76   | 3.02  | 0.09  | 0.09                                   |
| ECO64_60          | 1                                 | 620565 | 309692 | 0.19   | 2.70   | 2.89  | 0.22   | 2.76   | 2.98  | 0.08  | 0.08                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO64_70          | 1                                 | 620555 | 309692 | 0.17   | 2.70   | 2.87  | 0.20   | 2.76   | 2.95  | 0.08  | 0.08                                   |
| ECO64_80          | 1                                 | 620545 | 309692 | 0.15   | 2.70   | 2.85  | 0.18   | 2.76   | 2.93  | 0.08  | 0.08                                   |
| ECO64_90          | 1                                 | 620535 | 309691 | 0.14   | 2.70   | 2.84  | 0.16   | 2.76   | 2.92  | 0.08  | 0.08                                   |
| ECO64_100         | 1                                 | 620525 | 309691 | 0.13   | 2.70   | 2.83  | 0.15   | 2.76   | 2.90  | 0.07  | 0.07                                   |
| ECO64_110         | 1                                 | 620515 | 309691 | 0.12   | 2.70   | 2.82  | 0.14   | 2.76   | 2.89  | 0.07  | 0.07                                   |
| ECO64_120         | 1                                 | 620505 | 309691 | 0.11   | 2.70   | 2.81  | 0.13   | 2.76   | 2.89  | 0.07  | 0.07                                   |
| ECO64_130         | 1                                 | 620495 | 309691 | 0.11   | 2.70   | 2.81  | 0.12   | 2.76   | 2.88  | 0.07  | 0.07                                   |
| ECO64_140         | 1                                 | 620485 | 309691 | 0.10   | 2.70   | 2.80  | 0.12   | 2.76   | 2.87  | 0.07  | 0.07                                   |
| ECO64_150         | 1                                 | 620475 | 309691 | 0.10   | 2.70   | 2.80  | 0.11   | 2.76   | 2.87  | 0.07  | 0.07                                   |
| ECO64_160         | 1                                 | 620465 | 309691 | 0.10   | 2.70   | 2.80  | 0.11   | 2.76   | 2.87  | 0.07  | 0.07                                   |
| ECO64_170         | 1                                 | 620455 | 309691 | 0.09   | 2.70   | 2.79  | 0.11   | 2.76   | 2.86  | 0.07  | 0.07                                   |
| ECO64_180         | 1                                 | 620445 | 309691 | 0.09   | 2.70   | 2.79  | 0.10   | 2.76   | 2.86  | 0.07  | 0.07                                   |
| ECO64_190         | 1                                 | 620435 | 309690 | 0.09   | 2.70   | 2.79  | 0.10   | 2.76   | 2.86  | 0.07  | 0.07                                   |
| ECO64_200         | 1                                 | 620425 | 309690 | 0.09   | 2.70   | 2.79  | 0.10   | 2.76   | 2.86  | 0.07  | 0.07                                   |
| ECO54_10          | 3                                 | 613062 | 318234 | 0.09   | 3.40   | 3.49  | 0.11   | 3.47   | 3.58  | 0.09  | 0.03                                   |
| ECO54_20          | 3                                 | 613052 | 318232 | 0.05   | 3.40   | 3.45  | 0.06   | 3.47   | 3.53  | 0.08  | 0.03                                   |
| ECO54_30          | 3                                 | 613042 | 318230 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.03                                   |
| ECO54_40          | 3                                 | 613032 | 318228 | 0.02   | 3.40   | 3.42  | 0.03   | 3.47   | 3.50  | 0.07  | 0.02                                   |
| ECO54_50          | 3                                 | 613022 | 318226 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.02                                   |
| ECO54_60          | 3                                 | 613013 | 318224 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.02                                   |
| ECO54_70          | 3                                 | 613003 | 318223 | 0.02   | 3.40   | 3.42  | 0.02   | 3.47   | 3.49  | 0.07  | 0.02                                   |
| ECO54_80          | 3                                 | 612993 | 318221 | 0.01   | 3.40   | 3.41  | 0.02   | 3.47   | 3.49  | 0.07  | 0.02                                   |
| ECO54_90          | 3                                 | 612983 | 318219 | 0.01   | 3.40   | 3.41  | 0.02   | 3.47   | 3.49  | 0.07  | 0.02                                   |
| ECO54_100         | 3                                 | 612973 | 318217 | 0.01   | 3.40   | 3.41  | 0.02   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_110         | 3                                 | 612964 | 318215 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_120         | 3                                 | 612954 | 318213 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_130         | 3                                 | 612944 | 318211 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_140         | 3                                 | 612934 | 318210 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_150         | 3                                 | 612924 | 318208 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_160         | 3                                 | 612914 | 318206 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_170         | 3                                 | 612905 | 318204 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_180         | 3                                 | 612895 | 318202 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_190         | 3                                 | 612885 | 318200 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO54_200         | 3                                 | 612875 | 318198 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.02                                   |
| ECO23_140         | 1                                 | 610797 | 318297 | 0.04   | 3.30   | 3.34  | 0.05   | 3.37   | 3.41  | 0.08  | 0.08                                   |
| ECO23_150         | 1                                 | 610801 | 318306 | 0.04   | 3.30   | 3.34  | 0.04   | 3.37   | 3.41  | 0.08  | 0.08                                   |
| ECO23_160         | 1                                 | 610805 | 318315 | 0.03   | 3.30   | 3.33  | 0.04   | 3.37   | 3.41  | 0.08  | 0.08                                   |
| ECO23_170         | 1                                 | 610809 | 318324 | 0.03   | 3.30   | 3.33  | 0.04   | 3.37   | 3.41  | 0.07  | 0.07                                   |
| ECO23_180         | 1                                 | 610812 | 318334 | 0.03   | 3.30   | 3.33  | 0.04   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO23_190         | 1                                 | 610816 | 318343 | 0.03   | 3.30   | 3.33  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO2_70           | 1                                 | 611037 | 311734 | 0.06   | 2.90   | 2.96  | 0.07   | 2.96   | 3.03  | 0.07  | 0.07                                   |
| ECO2_80           | 1                                 | 611045 | 311738 | 0.06   | 2.90   | 2.96  | 0.07   | 2.96   | 3.03  | 0.07  | 0.07                                   |
| ECO2_90           | 1                                 | 611054 | 311743 | 0.05   | 2.90   | 2.95  | 0.07   | 2.96   | 3.02  | 0.07  | 0.07                                   |
| ECO2_100          | 1                                 | 611063 | 311748 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.02  | 0.07  | 0.07                                   |
| ECO2_110          | 1                                 | 611072 | 311752 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.02  | 0.07  | 0.07                                   |
| ECO2_120          | 1                                 | 611081 | 311757 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.02  | 0.07  | 0.07                                   |
| ECO2_130          | 1                                 | 611090 | 311762 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.02  | 0.07  | 0.07                                   |
| ECO2_140          | 1                                 | 611098 | 311766 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.01  | 0.07  | 0.07                                   |
| ECO2_150          | 1                                 | 611107 | 311771 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.07                                   |
| ECO2_160          | 1                                 | 611116 | 311776 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.07                                   |
| ECO2_170          | 1                                 | 611125 | 311780 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.07                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO2_180          | 1                                 | 611134 | 311785 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.07                                   |
| ECO2_190          | 1                                 | 611143 | 311790 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.07                                   |
| ECO2_200          | 1                                 | 611151 | 311795 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.07                                   |
| ECO38_10          | 1                                 | 613204 | 315169 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_20          | 1                                 | 613201 | 315159 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_30          | 1                                 | 613199 | 315150 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_40          | 1                                 | 613196 | 315140 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_50          | 1                                 | 613194 | 315130 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_60          | 1                                 | 613191 | 315121 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_70          | 1                                 | 613188 | 315111 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_80          | 1                                 | 613186 | 315101 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_90          | 1                                 | 613183 | 315092 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_100         | 1                                 | 613181 | 315082 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_110         | 1                                 | 613178 | 315072 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_120         | 1                                 | 613176 | 315063 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_130         | 1                                 | 613173 | 315053 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_140         | 1                                 | 613170 | 315043 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_150         | 1                                 | 613168 | 315034 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_160         | 1                                 | 613165 | 315024 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_170         | 1                                 | 613163 | 315014 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_180         | 1                                 | 613160 | 315005 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_190         | 1                                 | 613158 | 314995 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO38_200         | 1                                 | 613155 | 314985 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO61_10          | 1                                 | 611831 | 311193 | 0.87   | 2.90   | 3.77  | 1.08   | 2.96   | 4.04  | 0.26  | 0.26                                   |
| ECO61_20          | 1                                 | 611840 | 311198 | 0.63   | 2.90   | 3.53  | 0.77   | 2.96   | 3.73  | 0.20  | 0.20                                   |
| ECO61_30          | 1                                 | 611849 | 311203 | 0.49   | 2.90   | 3.39  | 0.60   | 2.96   | 3.56  | 0.17  | 0.17                                   |
| ECO61_40          | 1                                 | 611857 | 311208 | 0.40   | 2.90   | 3.30  | 0.48   | 2.96   | 3.44  | 0.15  | 0.15                                   |
| ECO61_50          | 1                                 | 611866 | 311213 | 0.33   | 2.90   | 3.23  | 0.40   | 2.96   | 3.36  | 0.13  | 0.13                                   |
| ECO61_60          | 1                                 | 611875 | 311218 | 0.28   | 2.90   | 3.18  | 0.34   | 2.96   | 3.30  | 0.12  | 0.12                                   |
| ECO61_70          | 1                                 | 611883 | 311223 | 0.25   | 2.90   | 3.15  | 0.30   | 2.96   | 3.26  | 0.11  | 0.11                                   |
| ECO61_80          | 1                                 | 611892 | 311228 | 0.22   | 2.90   | 3.12  | 0.27   | 2.96   | 3.22  | 0.11  | 0.11                                   |
| ECO61_90          | 1                                 | 611901 | 311233 | 0.20   | 2.90   | 3.10  | 0.24   | 2.96   | 3.20  | 0.10  | 0.10                                   |
| ECO61_100         | 1                                 | 611909 | 311238 | 0.18   | 2.90   | 3.08  | 0.21   | 2.96   | 3.17  | 0.10  | 0.10                                   |
| ECO61_110         | 1                                 | 611918 | 311243 | 0.16   | 2.90   | 3.06  | 0.20   | 2.96   | 3.16  | 0.09  | 0.09                                   |
| ECO61_120         | 1                                 | 611927 | 311248 | 0.15   | 2.90   | 3.05  | 0.18   | 2.96   | 3.14  | 0.09  | 0.09                                   |
| ECO61_130         | 1                                 | 611936 | 311253 | 0.14   | 2.90   | 3.04  | 0.17   | 2.96   | 3.13  | 0.09  | 0.09                                   |
| ECO61_140         | 1                                 | 611944 | 311258 | 0.13   | 2.90   | 3.03  | 0.15   | 2.96   | 3.11  | 0.09  | 0.09                                   |
| ECO61_150         | 1                                 | 611953 | 311263 | 0.12   | 2.90   | 3.02  | 0.14   | 2.96   | 3.10  | 0.08  | 0.08                                   |
| ECO61_160         | 1                                 | 611962 | 311268 | 0.11   | 2.90   | 3.01  | 0.14   | 2.96   | 3.09  | 0.08  | 0.08                                   |
| ECO61_170         | 1                                 | 611970 | 311273 | 0.11   | 2.90   | 3.01  | 0.13   | 2.96   | 3.09  | 0.08  | 0.08                                   |
| ECO61_180         | 1                                 | 611979 | 311278 | 0.10   | 2.90   | 3.00  | 0.12   | 2.96   | 3.08  | 0.08  | 0.08                                   |
| ECO61_190         | 1                                 | 611988 | 311283 | 0.09   | 2.90   | 2.99  | 0.11   | 2.96   | 3.07  | 0.08  | 0.08                                   |
| ECO61_200         | 1                                 | 611996 | 311288 | 0.09   | 2.90   | 2.99  | 0.11   | 2.96   | 3.07  | 0.08  | 0.08                                   |
| ECO16_10          | 1                                 | 610482 | 313346 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_20          | 1                                 | 610477 | 313355 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_30          | 1                                 | 610472 | 313364 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_40          | 1                                 | 610467 | 313372 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_50          | 1                                 | 610462 | 313381 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_60          | 1                                 | 610457 | 313389 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_70          | 1                                 | 610452 | 313398 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_80          | 1                                 | 610447 | 313407 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO16_90          | 1                                 | 610442 | 313415 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_100         | 1                                 | 610437 | 313424 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_110         | 1                                 | 610432 | 313433 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_120         | 1                                 | 610427 | 313441 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_130         | 1                                 | 610422 | 313450 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_140         | 1                                 | 610417 | 313459 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_150         | 1                                 | 610412 | 313467 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_160         | 1                                 | 610407 | 313476 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_170         | 1                                 | 610402 | 313485 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_180         | 1                                 | 610397 | 313493 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO16_190         | 1                                 | 610391 | 313502 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_10          | 1                                 | 610529 | 313337 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_20          | 1                                 | 610535 | 313330 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_30          | 1                                 | 610542 | 313322 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_40          | 1                                 | 610549 | 313315 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_50          | 1                                 | 610555 | 313307 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_60          | 1                                 | 610562 | 313300 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_70          | 1                                 | 610569 | 313292 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_80          | 1                                 | 610575 | 313285 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_90          | 1                                 | 610582 | 313277 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_100         | 1                                 | 610588 | 313270 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_110         | 1                                 | 610595 | 313262 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_120         | 1                                 | 610602 | 313255 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_130         | 1                                 | 610608 | 313247 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_140         | 1                                 | 610615 | 313240 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_150         | 1                                 | 610622 | 313232 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_160         | 1                                 | 610628 | 313225 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_170         | 1                                 | 610635 | 313217 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_180         | 1                                 | 610641 | 313210 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_190         | 1                                 | 610648 | 313202 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_200         | 1                                 | 610655 | 313195 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO63_10          | 1                                 | 613278 | 315199 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_20          | 1                                 | 613281 | 315208 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_30          | 1                                 | 613284 | 315218 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_40          | 1                                 | 613287 | 315227 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_50          | 1                                 | 613290 | 315237 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_60          | 1                                 | 613293 | 315246 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_70          | 1                                 | 613296 | 315256 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_80          | 1                                 | 613299 | 315265 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_90          | 1                                 | 613302 | 315275 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_100         | 1                                 | 613305 | 315284 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_110         | 1                                 | 613308 | 315294 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_120         | 1                                 | 613311 | 315304 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_130         | 1                                 | 613314 | 315313 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_140         | 1                                 | 613317 | 315323 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_150         | 1                                 | 613320 | 315332 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_160         | 1                                 | 613323 | 315342 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_170         | 1                                 | 613326 | 315351 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_180         | 1                                 | 613329 | 315361 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_190         | 1                                 | 613332 | 315370 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO63_200         | 1                                 | 613335 | 315380 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/Clvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO75_10          | 1                                 | 612816 | 316744 | 0.91   | 3.58   | 4.49  | 1.14   | 3.65   | 4.79  | 0.30  | 0.30                                   |
| ECO75_20          | 1                                 | 612813 | 316754 | 0.50   | 3.58   | 4.08  | 0.62   | 3.65   | 4.27  | 0.19  | 0.19                                   |
| ECO75_30          | 1                                 | 612810 | 316764 | 0.34   | 3.58   | 3.92  | 0.42   | 3.65   | 4.07  | 0.15  | 0.15                                   |
| ECO75_40          | 1                                 | 612807 | 316773 | 0.26   | 3.58   | 3.84  | 0.31   | 3.65   | 3.97  | 0.13  | 0.13                                   |
| ECO75_50          | 1                                 | 612804 | 316783 | 0.20   | 3.58   | 3.78  | 0.25   | 3.65   | 3.90  | 0.12  | 0.12                                   |
| ECO75_60          | 1                                 | 612801 | 316792 | 0.17   | 3.58   | 3.75  | 0.21   | 3.65   | 3.86  | 0.11  | 0.11                                   |
| ECO75_70          | 1                                 | 612798 | 316802 | 0.15   | 3.58   | 3.73  | 0.18   | 3.65   | 3.83  | 0.11  | 0.11                                   |
| ECO75_80          | 1                                 | 612795 | 316811 | 0.13   | 3.58   | 3.71  | 0.16   | 3.65   | 3.81  | 0.10  | 0.10                                   |
| ECO75_90          | 1                                 | 612792 | 316821 | 0.11   | 3.58   | 3.69  | 0.14   | 3.65   | 3.79  | 0.10  | 0.10                                   |
| ECO75_100         | 1                                 | 612789 | 316830 | 0.10   | 3.58   | 3.68  | 0.12   | 3.65   | 3.78  | 0.10  | 0.10                                   |
| ECO75_110         | 1                                 | 612786 | 316840 | 0.09   | 3.58   | 3.67  | 0.11   | 3.65   | 3.77  | 0.09  | 0.09                                   |
| ECO75_120         | 1                                 | 612783 | 316850 | 0.08   | 3.58   | 3.66  | 0.10   | 3.65   | 3.76  | 0.09  | 0.09                                   |
| ECO75_130         | 1                                 | 612780 | 316859 | 0.08   | 3.58   | 3.66  | 0.10   | 3.65   | 3.75  | 0.09  | 0.09                                   |
| ECO75_140         | 1                                 | 612777 | 316869 | 0.07   | 3.58   | 3.65  | 0.09   | 3.65   | 3.74  | 0.09  | 0.09                                   |
| ECO75_150         | 1                                 | 612774 | 316878 | 0.07   | 3.58   | 3.65  | 0.08   | 3.65   | 3.74  | 0.09  | 0.09                                   |
| ECO75_160         | 1                                 | 612771 | 316888 | 0.06   | 3.58   | 3.64  | 0.08   | 3.65   | 3.73  | 0.09  | 0.09                                   |
| ECO75_170         | 1                                 | 612768 | 316897 | 0.06   | 3.58   | 3.64  | 0.07   | 3.65   | 3.73  | 0.09  | 0.09                                   |
| ECO75_180         | 1                                 | 612765 | 316907 | 0.06   | 3.58   | 3.64  | 0.07   | 3.65   | 3.72  | 0.09  | 0.09                                   |
| ECO75_190         | 1                                 | 612762 | 316916 | 0.05   | 3.58   | 3.63  | 0.07   | 3.65   | 3.72  | 0.09  | 0.09                                   |
| ECO75_200         | 1                                 | 612759 | 316926 | 0.05   | 3.58   | 3.63  | 0.06   | 3.65   | 3.72  | 0.08  | 0.08                                   |
| ECO74_10          | 1                                 | 612819 | 316725 | 0.51   | 3.58   | 4.09  | 0.63   | 3.65   | 4.28  | 0.20  | 0.20                                   |
| ECO74_20          | 1                                 | 612820 | 316715 | 0.27   | 3.58   | 3.85  | 0.33   | 3.65   | 3.98  | 0.13  | 0.13                                   |
| ECO74_30          | 1                                 | 612820 | 316705 | 0.18   | 3.58   | 3.76  | 0.22   | 3.65   | 3.87  | 0.11  | 0.11                                   |
| ECO74_40          | 1                                 | 612821 | 316695 | 0.13   | 3.58   | 3.71  | 0.16   | 3.65   | 3.81  | 0.10  | 0.10                                   |
| ECO74_50          | 1                                 | 612821 | 316685 | 0.10   | 3.58   | 3.68  | 0.13   | 3.65   | 3.78  | 0.10  | 0.10                                   |
| ECO74_60          | 1                                 | 612822 | 316675 | 0.08   | 3.58   | 3.66  | 0.10   | 3.65   | 3.76  | 0.09  | 0.09                                   |
| ECO74_70          | 1                                 | 612822 | 316665 | 0.07   | 3.58   | 3.65  | 0.09   | 3.65   | 3.74  | 0.09  | 0.09                                   |
| ECO74_80          | 1                                 | 612823 | 316655 | 0.06   | 3.58   | 3.64  | 0.08   | 3.65   | 3.73  | 0.09  | 0.09                                   |
| ECO74_90          | 1                                 | 612823 | 316645 | 0.06   | 3.58   | 3.64  | 0.07   | 3.65   | 3.72  | 0.09  | 0.09                                   |
| ECO74_100         | 1                                 | 612824 | 316635 | 0.05   | 3.58   | 3.63  | 0.06   | 3.65   | 3.71  | 0.08  | 0.08                                   |
| ECO74_110         | 1                                 | 612824 | 316625 | 0.05   | 3.58   | 3.63  | 0.06   | 3.65   | 3.71  | 0.08  | 0.08                                   |
| ECO74_120         | 1                                 | 612825 | 316615 | 0.04   | 3.58   | 3.62  | 0.05   | 3.65   | 3.70  | 0.08  | 0.08                                   |
| ECO74_130         | 1                                 | 612825 | 316605 | 0.04   | 3.58   | 3.62  | 0.05   | 3.65   | 3.70  | 0.08  | 0.08                                   |
| ECO74_140         | 1                                 | 612826 | 316595 | 0.04   | 3.58   | 3.62  | 0.04   | 3.65   | 3.70  | 0.08  | 0.08                                   |
| ECO74_150         | 1                                 | 612826 | 316585 | 0.03   | 3.58   | 3.61  | 0.04   | 3.65   | 3.69  | 0.08  | 0.08                                   |
| ECO74_160         | 1                                 | 612827 | 316575 | 0.03   | 3.58   | 3.61  | 0.04   | 3.65   | 3.69  | 0.08  | 0.08                                   |
| ECO74_170         | 1                                 | 612827 | 316565 | 0.03   | 3.58   | 3.61  | 0.04   | 3.65   | 3.69  | 0.08  | 0.08                                   |
| ECO74_180         | 1                                 | 612828 | 316555 | 0.03   | 3.58   | 3.61  | 0.03   | 3.65   | 3.69  | 0.08  | 0.08                                   |
| ECO74_190         | 1                                 | 612828 | 316545 | 0.03   | 3.58   | 3.61  | 0.03   | 3.65   | 3.69  | 0.08  | 0.08                                   |
| ECO74_200         | 1                                 | 612829 | 316535 | 0.03   | 3.58   | 3.61  | 0.03   | 3.65   | 3.68  | 0.08  | 0.08                                   |
| ECO42_10          | 1                                 | 610229 | 318259 | 0.84   | 3.30   | 4.14  | 1.04   | 3.37   | 4.41  | 0.27  | 0.27                                   |
| ECO42_20          | 1                                 | 610236 | 318267 | 0.46   | 3.30   | 3.76  | 0.57   | 3.37   | 3.93  | 0.17  | 0.17                                   |
| ECO42_30          | 1                                 | 610242 | 318274 | 0.31   | 3.30   | 3.61  | 0.38   | 3.37   | 3.75  | 0.14  | 0.14                                   |
| ECO42_40          | 1                                 | 610248 | 318282 | 0.23   | 3.30   | 3.53  | 0.29   | 3.37   | 3.65  | 0.12  | 0.12                                   |
| ECO42_50          | 1                                 | 610255 | 318290 | 0.19   | 3.30   | 3.49  | 0.23   | 3.37   | 3.59  | 0.11  | 0.11                                   |
| ECO42_60          | 1                                 | 610261 | 318298 | 0.16   | 3.30   | 3.46  | 0.19   | 3.37   | 3.56  | 0.10  | 0.10                                   |
| ECO42_70          | 1                                 | 610267 | 318305 | 0.13   | 3.30   | 3.43  | 0.16   | 3.37   | 3.53  | 0.10  | 0.10                                   |
| ECO42_80          | 1                                 | 610274 | 318313 | 0.12   | 3.30   | 3.42  | 0.14   | 3.37   | 3.51  | 0.09  | 0.09                                   |
| ECO42_90          | 1                                 | 610280 | 318321 | 0.10   | 3.30   | 3.40  | 0.12   | 3.37   | 3.49  | 0.09  | 0.09                                   |
| ECO42_100         | 1                                 | 610286 | 318329 | 0.09   | 3.30   | 3.39  | 0.11   | 3.37   | 3.48  | 0.09  | 0.09                                   |
| ECO42_110         | 1                                 | 610293 | 318336 | 0.08   | 3.30   | 3.38  | 0.10   | 3.37   | 3.47  | 0.09  | 0.09                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO42_120         | 1                                 | 610299 | 318344 | 0.08   | 3.30   | 3.38  | 0.09   | 3.37   | 3.46  | 0.08  | 0.08                                   |
| ECO42_130         | 1                                 | 610305 | 318352 | 0.07   | 3.30   | 3.37  | 0.09   | 3.37   | 3.45  | 0.08  | 0.08                                   |
| ECO42_140         | 1                                 | 610311 | 318360 | 0.07   | 3.30   | 3.37  | 0.08   | 3.37   | 3.45  | 0.08  | 0.08                                   |
| ECO42_150         | 1                                 | 610318 | 318367 | 0.06   | 3.30   | 3.36  | 0.07   | 3.37   | 3.44  | 0.08  | 0.08                                   |
| ECO42_160         | 1                                 | 610324 | 318375 | 0.06   | 3.30   | 3.36  | 0.07   | 3.37   | 3.44  | 0.08  | 0.08                                   |
| ECO42_170         | 1                                 | 610330 | 318383 | 0.05   | 3.30   | 3.35  | 0.07   | 3.37   | 3.43  | 0.08  | 0.08                                   |
| ECO66_10          | 1                                 | 610229 | 318240 | 0.49   | 3.30   | 3.79  | 0.61   | 3.37   | 3.98  | 0.18  | 0.18                                   |
| ECO66_20          | 1                                 | 610227 | 318230 | 0.26   | 3.30   | 3.56  | 0.31   | 3.37   | 3.68  | 0.12  | 0.12                                   |
| ECO66_30          | 1                                 | 610224 | 318220 | 0.17   | 3.30   | 3.47  | 0.20   | 3.37   | 3.57  | 0.10  | 0.10                                   |
| ECO66_40          | 1                                 | 610222 | 318211 | 0.12   | 3.30   | 3.42  | 0.15   | 3.37   | 3.52  | 0.09  | 0.09                                   |
| ECO66_50          | 1                                 | 610220 | 318201 | 0.10   | 3.30   | 3.40  | 0.12   | 3.37   | 3.49  | 0.09  | 0.09                                   |
| ECO66_60          | 1                                 | 610217 | 318191 | 0.08   | 3.30   | 3.38  | 0.10   | 3.37   | 3.47  | 0.08  | 0.08                                   |
| ECO66_70          | 1                                 | 610215 | 318181 | 0.07   | 3.30   | 3.37  | 0.08   | 3.37   | 3.45  | 0.08  | 0.08                                   |
| ECO66_80          | 1                                 | 610213 | 318172 | 0.06   | 3.30   | 3.36  | 0.07   | 3.37   | 3.44  | 0.08  | 0.08                                   |
| ECO66_90          | 1                                 | 610210 | 318162 | 0.05   | 3.30   | 3.35  | 0.06   | 3.37   | 3.43  | 0.08  | 0.08                                   |
| ECO66_100         | 1                                 | 610208 | 318152 | 0.05   | 3.30   | 3.35  | 0.06   | 3.37   | 3.43  | 0.08  | 0.08                                   |
| ECO66_110         | 1                                 | 610206 | 318143 | 0.04   | 3.30   | 3.34  | 0.05   | 3.37   | 3.42  | 0.08  | 0.08                                   |
| ECO66_120         | 1                                 | 610203 | 318133 | 0.04   | 3.30   | 3.34  | 0.05   | 3.37   | 3.42  | 0.08  | 0.08                                   |
| ECO66_130         | 1                                 | 610201 | 318123 | 0.04   | 3.30   | 3.34  | 0.04   | 3.37   | 3.41  | 0.08  | 0.08                                   |
| ECO66_140         | 1                                 | 610199 | 318113 | 0.03   | 3.30   | 3.33  | 0.04   | 3.37   | 3.41  | 0.07  | 0.07                                   |
| ECO66_150         | 1                                 | 610196 | 318104 | 0.03   | 3.30   | 3.33  | 0.04   | 3.37   | 3.41  | 0.07  | 0.07                                   |
| ECO66_160         | 1                                 | 610194 | 318094 | 0.03   | 3.30   | 3.33  | 0.04   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO66_170         | 1                                 | 610192 | 318084 | 0.03   | 3.30   | 3.33  | 0.04   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO66_180         | 1                                 | 610189 | 318075 | 0.03   | 3.30   | 3.33  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO66_190         | 1                                 | 610187 | 318065 | 0.03   | 3.30   | 3.33  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO66_200         | 1                                 | 610185 | 318055 | 0.03   | 3.30   | 3.33  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO67_10          | 3                                 | 616149 | 313154 | 0.34   | 2.80   | 3.14  | 0.40   | 2.86   | 3.26  | 0.12  | 0.04                                   |
| ECO67_20          | 3                                 | 616159 | 313154 | 0.19   | 2.80   | 2.99  | 0.23   | 2.86   | 3.08  | 0.09  | 0.03                                   |
| ECO67_30          | 3                                 | 616169 | 313154 | 0.14   | 2.80   | 2.94  | 0.16   | 2.86   | 3.01  | 0.08  | 0.03                                   |
| ECO67_40          | 3                                 | 616179 | 313155 | 0.10   | 2.80   | 2.90  | 0.12   | 2.86   | 2.98  | 0.07  | 0.02                                   |
| ECO67_50          | 3                                 | 616189 | 313155 | 0.09   | 2.80   | 2.89  | 0.10   | 2.86   | 2.96  | 0.07  | 0.02                                   |
| ECO67_60          | 3                                 | 616199 | 313156 | 0.07   | 2.80   | 2.87  | 0.09   | 2.86   | 2.94  | 0.07  | 0.02                                   |
| ECO67_70          | 3                                 | 616209 | 313156 | 0.06   | 2.80   | 2.86  | 0.08   | 2.86   | 2.93  | 0.07  | 0.02                                   |
| ECO67_80          | 3                                 | 616219 | 313156 | 0.06   | 2.80   | 2.86  | 0.07   | 2.86   | 2.93  | 0.07  | 0.02                                   |
| ECO67_90          | 3                                 | 616229 | 313157 | 0.05   | 2.80   | 2.85  | 0.06   | 2.86   | 2.92  | 0.07  | 0.02                                   |
| ECO67_100         | 3                                 | 616239 | 313157 | 0.05   | 2.80   | 2.85  | 0.06   | 2.86   | 2.91  | 0.07  | 0.02                                   |
| ECO67_110         | 3                                 | 616249 | 313157 | 0.05   | 2.80   | 2.85  | 0.05   | 2.86   | 2.91  | 0.07  | 0.02                                   |
| ECO67_120         | 3                                 | 616259 | 313158 | 0.04   | 2.80   | 2.84  | 0.05   | 2.86   | 2.91  | 0.06  | 0.02                                   |
| ECO67_130         | 3                                 | 616269 | 313158 | 0.04   | 2.80   | 2.84  | 0.05   | 2.86   | 2.90  | 0.06  | 0.02                                   |
| ECO67_140         | 3                                 | 616279 | 313159 | 0.04   | 2.80   | 2.84  | 0.04   | 2.86   | 2.90  | 0.06  | 0.02                                   |
| ECO67_150         | 3                                 | 616289 | 313159 | 0.04   | 2.80   | 2.84  | 0.04   | 2.86   | 2.90  | 0.06  | 0.02                                   |
| ECO67_160         | 3                                 | 616299 | 313159 | 0.03   | 2.80   | 2.83  | 0.04   | 2.86   | 2.90  | 0.06  | 0.02                                   |
| ECO67_170         | 3                                 | 616309 | 313160 | 0.03   | 2.80   | 2.83  | 0.04   | 2.86   | 2.90  | 0.06  | 0.02                                   |
| ECO67_180         | 3                                 | 616319 | 313160 | 0.03   | 2.80   | 2.83  | 0.04   | 2.86   | 2.89  | 0.06  | 0.02                                   |
| ECO67_190         | 3                                 | 616329 | 313160 | 0.03   | 2.80   | 2.83  | 0.04   | 2.86   | 2.89  | 0.06  | 0.02                                   |
| ECO67_200         | 3                                 | 616339 | 313161 | 0.03   | 2.80   | 2.83  | 0.04   | 2.86   | 2.89  | 0.06  | 0.02                                   |
| ECO68_10          | 3                                 | 614881 | 313989 | 0.22   | 2.90   | 3.12  | 0.26   | 2.96   | 3.21  | 0.10  | 0.03                                   |
| ECO68_20          | 3                                 | 614891 | 313986 | 0.12   | 2.90   | 3.02  | 0.14   | 2.96   | 3.09  | 0.08  | 0.03                                   |
| ECO68_30          | 3                                 | 614900 | 313984 | 0.08   | 2.90   | 2.98  | 0.09   | 2.96   | 3.05  | 0.07  | 0.02                                   |
| ECO68_40          | 3                                 | 614910 | 313982 | 0.06   | 2.90   | 2.96  | 0.07   | 2.96   | 3.03  | 0.07  | 0.02                                   |
| ECO68_50          | 3                                 | 614920 | 313979 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.02  | 0.07  | 0.02                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO68_60          | 3                                 | 614930 | 313977 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.02                                   |
| ECO68_70          | 3                                 | 614939 | 313975 | 0.03   | 2.90   | 2.93  | 0.04   | 2.96   | 3.00  | 0.07  | 0.02                                   |
| ECO68_80          | 3                                 | 614949 | 313972 | 0.03   | 2.90   | 2.93  | 0.04   | 2.96   | 3.00  | 0.06  | 0.02                                   |
| ECO68_90          | 3                                 | 614959 | 313970 | 0.03   | 2.90   | 2.93  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO68_100         | 3                                 | 614968 | 313967 | 0.03   | 2.90   | 2.93  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO68_110         | 3                                 | 614978 | 313965 | 0.02   | 2.90   | 2.92  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO68_120         | 3                                 | 614988 | 313963 | 0.02   | 2.90   | 2.92  | 0.03   | 2.96   | 2.99  | 0.06  | 0.02                                   |
| ECO68_130         | 3                                 | 614998 | 313960 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO68_140         | 3                                 | 615007 | 313958 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO68_150         | 3                                 | 615017 | 313956 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO68_160         | 3                                 | 615027 | 313953 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO68_170         | 3                                 | 615036 | 313951 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO68_180         | 3                                 | 615046 | 313949 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO68_190         | 3                                 | 615056 | 313946 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO68_200         | 3                                 | 615066 | 313944 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.02                                   |
| ECO28_10          | 3                                 | 614090 | 315377 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_20          | 3                                 | 614099 | 315373 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_30          | 3                                 | 614109 | 315370 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_40          | 3                                 | 614118 | 315366 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_50          | 3                                 | 614127 | 315362 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_60          | 3                                 | 614137 | 315359 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_70          | 3                                 | 614146 | 315355 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_80          | 3                                 | 614155 | 315351 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_90          | 3                                 | 614165 | 315348 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_100         | 3                                 | 614174 | 315344 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_110         | 3                                 | 614183 | 315341 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_120         | 3                                 | 614192 | 315337 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_130         | 3                                 | 614202 | 315333 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_140         | 3                                 | 614211 | 315330 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_150         | 3                                 | 614220 | 315326 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_160         | 3                                 | 614230 | 315322 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_170         | 3                                 | 614239 | 315319 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_180         | 3                                 | 614248 | 315315 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_190         | 3                                 | 614258 | 315312 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO28_200         | 3                                 | 614267 | 315308 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_10          | 3                                 | 614064 | 315397 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_20          | 3                                 | 614057 | 315403 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_30          | 3                                 | 614049 | 315410 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_40          | 3                                 | 614041 | 315416 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_50          | 3                                 | 614034 | 315423 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_60          | 3                                 | 614026 | 315430 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_70          | 3                                 | 614019 | 315436 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_80          | 3                                 | 614011 | 315443 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_90          | 3                                 | 614004 | 315449 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_100         | 3                                 | 613996 | 315456 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_110         | 3                                 | 613989 | 315462 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_120         | 3                                 | 613981 | 315469 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_130         | 3                                 | 613974 | 315476 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_140         | 3                                 | 613966 | 315482 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_150         | 3                                 | 613959 | 315489 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_160         | 3                                 | 613951 | 315495 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO39_170         | 3                                 | 613944 | 315502 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_180         | 3                                 | 613936 | 315509 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_190         | 3                                 | 613929 | 315515 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_200         | 3                                 | 613921 | 315522 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO69_10          | 1                                 | 612723 | 313393 | 0.03   | 3.00   | 3.03  | 0.04   | 3.06   | 3.10  | 0.07  | 0.07                                   |
| ECO69_20          | 1                                 | 612733 | 313390 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO69_30          | 1                                 | 612742 | 313387 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO69_40          | 1                                 | 612752 | 313383 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO69_50          | 1                                 | 612761 | 313380 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO69_60          | 1                                 | 612771 | 313377 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_70          | 1                                 | 612780 | 313374 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_80          | 1                                 | 612790 | 313371 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_90          | 1                                 | 612799 | 313367 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_100         | 1                                 | 612809 | 313364 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_110         | 1                                 | 612818 | 313361 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_120         | 1                                 | 612828 | 313358 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_130         | 1                                 | 612837 | 313355 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_140         | 1                                 | 612847 | 313351 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_150         | 1                                 | 612856 | 313348 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_160         | 1                                 | 612866 | 313345 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_170         | 1                                 | 612875 | 313342 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_180         | 1                                 | 612885 | 313339 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_190         | 1                                 | 612894 | 313335 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO69_200         | 1                                 | 612904 | 313332 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| ECO25_10          | 1                                 | 618217 | 317948 | 0.19   | 3.00   | 3.19  | 0.23   | 3.06   | 3.29  | 0.10  | 0.10                                   |
| ECO25_20          | 1                                 | 618226 | 317952 | 0.10   | 3.00   | 3.10  | 0.12   | 3.06   | 3.18  | 0.08  | 0.08                                   |
| ECO25_30          | 1                                 | 618234 | 317957 | 0.07   | 3.00   | 3.07  | 0.08   | 3.06   | 3.14  | 0.08  | 0.08                                   |
| ECO25_40          | 1                                 | 618243 | 317962 | 0.05   | 3.00   | 3.05  | 0.06   | 3.06   | 3.12  | 0.07  | 0.07                                   |
| ECO25_50          | 1                                 | 618252 | 317966 | 0.04   | 3.00   | 3.04  | 0.05   | 3.06   | 3.11  | 0.07  | 0.07                                   |
| ECO25_60          | 1                                 | 618261 | 317971 | 0.03   | 3.00   | 3.03  | 0.04   | 3.06   | 3.10  | 0.07  | 0.07                                   |
| ECO25_70          | 1                                 | 618270 | 317975 | 0.03   | 3.00   | 3.03  | 0.04   | 3.06   | 3.10  | 0.07  | 0.07                                   |
| ECO25_80          | 1                                 | 618279 | 317980 | 0.03   | 3.00   | 3.03  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO25_90          | 1                                 | 618288 | 317984 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO25_100         | 1                                 | 618297 | 317989 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO25_110         | 1                                 | 618306 | 317994 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| ECO25_120         | 1                                 | 618314 | 317998 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO25_130         | 1                                 | 618323 | 318003 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO25_140         | 1                                 | 618332 | 318007 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.07  | 0.07                                   |
| ECO25_150         | 1                                 | 618341 | 318012 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO25_160         | 1                                 | 618350 | 318017 | 0.02   | 3.00   | 3.02  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO25_170         | 1                                 | 618359 | 318021 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO25_180         | 1                                 | 618368 | 318026 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO25_190         | 1                                 | 618377 | 318030 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO25_200         | 1                                 | 618386 | 318035 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| ECO55_4           | 1                                 | 598167 | 312268 | 1.10   | 3.50   | 4.60  | 1.43   | 3.57   | 5.00  | 0.40  | 0.40                                   |
| ECO60_15          | 1                                 | 614626 | 310983 | 0.83   | 2.80   | 3.63  | 1.08   | 2.86   | 3.94  | 0.31  | 0.31                                   |
| ECO48_9           | 1                                 | 620634 | 309692 | 1.61   | 2.70   | 4.31  | 1.89   | 2.76   | 4.65  | 0.34  | 0.34                                   |
| ECO26_94          | 3                                 | 616435 | 312011 | 0.05   | 2.60   | 2.65  | 0.06   | 2.65   | 2.71  | 0.06  | 0.02                                   |
| ECO8_8            | 1                                 | 615950 | 313513 | 0.21   | 2.80   | 3.01  | 0.25   | 2.86   | 3.10  | 0.09  | 0.09                                   |
| ECO50_3           | 3                                 | 614144 | 313702 | 0.43   | 2.90   | 3.33  | 0.51   | 2.96   | 3.47  | 0.14  | 0.05                                   |
| ECO65_3           | 1                                 | 613383 | 313963 | 0.07   | 3.00   | 3.07  | 0.09   | 3.06   | 3.15  | 0.08  | 0.08                                   |



| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO36_4           | 1                                 | 613437 | 316353 | 1.31   | 3.40   | 4.71  | 1.65   | 3.47   | 5.11  | 0.40  | 0.40                                   |
| ECO13_5           | 1                                 | 612933 | 317510 | 0.05   | 3.60   | 3.65  | 0.07   | 3.67   | 3.74  | 0.09  | 0.09                                   |
| ECO31_4           | 1                                 | 610208 | 317475 | 0.45   | 3.40   | 3.85  | 0.55   | 3.47   | 4.02  | 0.17  | 0.17                                   |
| ECO12_155         | 1                                 | 610059 | 318131 | 0.03   | 3.30   | 3.33  | 0.03   | 3.37   | 3.40  | 0.07  | 0.07                                   |
| ECO30_69          | 1                                 | 610206 | 318325 | 0.12   | 3.30   | 3.42  | 0.14   | 3.37   | 3.51  | 0.09  | 0.09                                   |
| ECO21_8           | 1                                 | 615489 | 315063 | 0.46   | 3.10   | 3.56  | 0.54   | 3.16   | 3.70  | 0.14  | 0.14                                   |
| ECO18_5           | 1                                 | 609794 | 313048 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO1_5            | 1                                 | 609914 | 313308 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO64_21          | 1                                 | 620604 | 309692 | 0.53   | 2.70   | 3.23  | 0.61   | 2.76   | 3.37  | 0.14  | 0.14                                   |
| ECO54_3           | 3                                 | 613069 | 318235 | 0.23   | 3.40   | 3.63  | 0.28   | 3.47   | 3.75  | 0.12  | 0.04                                   |
| ECO23_135         | 1                                 | 610795 | 318292 | 0.04   | 3.30   | 3.34  | 0.05   | 3.37   | 3.42  | 0.08  | 0.08                                   |
| ECO2_64           | 1                                 | 611031 | 311731 | 0.06   | 2.90   | 2.96  | 0.07   | 2.96   | 3.03  | 0.07  | 0.07                                   |
| ECO38_3           | 1                                 | 613206 | 315176 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO61_8           | 1                                 | 611829 | 311192 | 0.96   | 2.90   | 3.86  | 1.19   | 2.96   | 4.15  | 0.29  | 0.29                                   |
| ECO16_4           | 1                                 | 610485 | 313341 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO37_3           | 1                                 | 610524 | 313342 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO63_4           | 1                                 | 613276 | 315193 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO75_5           | 1                                 | 612817 | 316740 | 1.48   | 3.58   | 5.06  | 1.86   | 3.65   | 5.52  | 0.46  | 0.46                                   |
| ECO74_4           | 1                                 | 612819 | 316731 | 1.03   | 3.58   | 4.61  | 1.29   | 3.65   | 4.95  | 0.34  | 0.34                                   |
| ECO42_4           | 1                                 | 610225 | 318254 | 1.66   | 3.30   | 4.96  | 2.09   | 3.37   | 5.46  | 0.50  | 0.50                                   |
| ECO66_4           | 1                                 | 610231 | 318247 | 1.20   | 3.30   | 4.50  | 1.50   | 3.37   | 4.87  | 0.37  | 0.37                                   |
| ECO67_8           | 3                                 | 616147 | 313154 | 0.41   | 2.80   | 3.21  | 0.48   | 2.86   | 3.34  | 0.13  | 0.04                                   |
| ECO68_3           | 3                                 | 614874 | 313990 | 0.50   | 2.90   | 3.40  | 0.59   | 2.96   | 3.55  | 0.15  | 0.05                                   |
| ECO28_4           | 3                                 | 614085 | 315379 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO39_4           | 3                                 | 614070 | 315391 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.02                                   |
| ECO69_2           | 1                                 | 612716 | 313395 | 0.08   | 3.00   | 3.08  | 0.10   | 3.06   | 3.16  | 0.08  | 0.08                                   |
| ECO25_5           | 1                                 | 618212 | 317945 | 0.34   | 3.00   | 3.34  | 0.41   | 3.06   | 3.47  | 0.14  | 0.14                                   |
| ECO70_30          | 1                                 | 616399 | 308779 | 0.59   | 2.80   | 3.39  | 0.78   | 2.86   | 3.63  | 0.24  | 0.24                                   |
| ECO70_40          | 1                                 | 616409 | 308778 | 0.46   | 2.80   | 3.26  | 0.60   | 2.86   | 3.45  | 0.20  | 0.20                                   |
| ECO70_50          | 1                                 | 616419 | 308777 | 0.37   | 2.80   | 3.17  | 0.48   | 2.86   | 3.34  | 0.17  | 0.17                                   |
| ECO70_60          | 1                                 | 616429 | 308777 | 0.31   | 2.80   | 3.11  | 0.40   | 2.86   | 3.26  | 0.15  | 0.15                                   |
| ECO70_70          | 1                                 | 616439 | 308776 | 0.27   | 2.80   | 3.07  | 0.35   | 2.86   | 3.20  | 0.14  | 0.14                                   |
| ECO70_80          | 1                                 | 616449 | 308775 | 0.24   | 2.80   | 3.04  | 0.30   | 2.86   | 3.16  | 0.13  | 0.13                                   |
| ECO70_90          | 1                                 | 616459 | 308774 | 0.21   | 2.80   | 3.01  | 0.27   | 2.86   | 3.13  | 0.12  | 0.12                                   |
| ECO70_100         | 1                                 | 616469 | 308774 | 0.19   | 2.80   | 2.99  | 0.24   | 2.86   | 3.10  | 0.11  | 0.11                                   |
| ECO70_110         | 1                                 | 616478 | 308773 | 0.17   | 2.80   | 2.97  | 0.22   | 2.86   | 3.08  | 0.11  | 0.11                                   |
| ECO70_120         | 1                                 | 616488 | 308772 | 0.16   | 2.80   | 2.96  | 0.20   | 2.86   | 3.06  | 0.10  | 0.10                                   |
| ECO70_130         | 1                                 | 616498 | 308771 | 0.15   | 2.80   | 2.95  | 0.19   | 2.86   | 3.04  | 0.10  | 0.10                                   |
| ECO70_140         | 1                                 | 616508 | 308771 | 0.14   | 2.80   | 2.94  | 0.17   | 2.86   | 3.03  | 0.10  | 0.10                                   |
| ECO70_150         | 1                                 | 616518 | 308770 | 0.13   | 2.80   | 2.93  | 0.16   | 2.86   | 3.02  | 0.09  | 0.09                                   |
| ECO70_160         | 1                                 | 616528 | 308769 | 0.12   | 2.80   | 2.92  | 0.15   | 2.86   | 3.01  | 0.09  | 0.09                                   |
| ECO70_170         | 1                                 | 616538 | 308768 | 0.11   | 2.80   | 2.91  | 0.14   | 2.86   | 3.00  | 0.09  | 0.09                                   |
| ECO70_180         | 1                                 | 616548 | 308768 | 0.11   | 2.80   | 2.91  | 0.14   | 2.86   | 2.99  | 0.09  | 0.09                                   |
| ECO70_190         | 1                                 | 616558 | 308767 | 0.10   | 2.80   | 2.90  | 0.13   | 2.86   | 2.99  | 0.09  | 0.09                                   |
| ECO70_200         | 1                                 | 616568 | 308766 | 0.10   | 2.80   | 2.90  | 0.12   | 2.86   | 2.98  | 0.08  | 0.08                                   |
| ECO71_80          | 1                                 | 613432 | 311117 | 0.14   | 2.80   | 2.94  | 0.18   | 2.86   | 3.04  | 0.10  | 0.10                                   |
| ECO71_90          | 1                                 | 613432 | 311127 | 0.13   | 2.80   | 2.93  | 0.16   | 2.86   | 3.02  | 0.09  | 0.09                                   |
| ECO71_100         | 1                                 | 613432 | 311137 | 0.12   | 2.80   | 2.92  | 0.15   | 2.86   | 3.00  | 0.09  | 0.09                                   |
| ECO71_110         | 1                                 | 613432 | 311147 | 0.10   | 2.80   | 2.90  | 0.13   | 2.86   | 2.99  | 0.09  | 0.09                                   |
| ECO71_120         | 1                                 | 613432 | 311157 | 0.10   | 2.80   | 2.90  | 0.12   | 2.86   | 2.98  | 0.08  | 0.08                                   |
| ECO71_130         | 1                                 | 613432 | 311167 | 0.09   | 2.80   | 2.89  | 0.11   | 2.86   | 2.97  | 0.08  | 0.08                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO71_140         | 1                                 | 613432 | 311177 | 0.08   | 2.80   | 2.88  | 0.10   | 2.86   | 2.96  | 0.08  | 0.08                                   |
| ECO71_150         | 1                                 | 613432 | 311187 | 0.08   | 2.80   | 2.88  | 0.10   | 2.86   | 2.95  | 0.08  | 0.08                                   |
| ECO71_160         | 1                                 | 613432 | 311197 | 0.07   | 2.80   | 2.87  | 0.09   | 2.86   | 2.95  | 0.08  | 0.08                                   |
| ECO71_170         | 1                                 | 613432 | 311207 | 0.07   | 2.80   | 2.87  | 0.08   | 2.86   | 2.94  | 0.07  | 0.07                                   |
| ECO71_180         | 1                                 | 613432 | 311217 | 0.06   | 2.80   | 2.86  | 0.08   | 2.86   | 2.94  | 0.07  | 0.07                                   |
| ECO71_190         | 1                                 | 613432 | 311227 | 0.06   | 2.80   | 2.86  | 0.08   | 2.86   | 2.93  | 0.07  | 0.07                                   |
| ECO71_200         | 1                                 | 613432 | 311237 | 0.06   | 2.80   | 2.86  | 0.07   | 2.86   | 2.93  | 0.07  | 0.07                                   |
| ECO71_210         | 1                                 | 613432 | 311247 | 0.05   | 2.80   | 2.85  | 0.07   | 2.86   | 2.92  | 0.07  | 0.07                                   |
| ECO72_40          | 1                                 | 626699 | 314062 | 0.32   | 2.30   | 2.62  | 0.39   | 2.35   | 2.74  | 0.12  | 0.12                                   |
| ECO72_50          | 1                                 | 626703 | 314071 | 0.25   | 2.30   | 2.55  | 0.30   | 2.35   | 2.65  | 0.10  | 0.10                                   |
| ECO72_60          | 1                                 | 626707 | 314080 | 0.20   | 2.30   | 2.50  | 0.25   | 2.35   | 2.59  | 0.09  | 0.09                                   |
| ECO72_70          | 1                                 | 626711 | 314089 | 0.17   | 2.30   | 2.47  | 0.21   | 2.35   | 2.55  | 0.08  | 0.08                                   |
| ECO72_80          | 1                                 | 626715 | 314098 | 0.15   | 2.30   | 2.45  | 0.18   | 2.35   | 2.52  | 0.08  | 0.08                                   |
| ECO72_90          | 1                                 | 626718 | 314108 | 0.13   | 2.30   | 2.43  | 0.16   | 2.35   | 2.50  | 0.07  | 0.07                                   |
| ECO72_100         | 1                                 | 626722 | 314117 | 0.11   | 2.30   | 2.41  | 0.14   | 2.35   | 2.49  | 0.07  | 0.07                                   |
| ECO72_110         | 1                                 | 626726 | 314126 | 0.10   | 2.30   | 2.40  | 0.12   | 2.35   | 2.47  | 0.07  | 0.07                                   |
| ECO72_120         | 1                                 | 626730 | 314135 | 0.09   | 2.30   | 2.39  | 0.11   | 2.35   | 2.46  | 0.07  | 0.07                                   |
| ECO72_130         | 1                                 | 626734 | 314145 | 0.08   | 2.30   | 2.38  | 0.10   | 2.35   | 2.45  | 0.07  | 0.07                                   |
| ECO72_140         | 1                                 | 626738 | 314154 | 0.08   | 2.30   | 2.38  | 0.09   | 2.35   | 2.44  | 0.06  | 0.06                                   |
| ECO72_150         | 1                                 | 626742 | 314163 | 0.07   | 2.30   | 2.37  | 0.09   | 2.35   | 2.43  | 0.06  | 0.06                                   |
| ECO72_160         | 1                                 | 626746 | 314172 | 0.07   | 2.30   | 2.37  | 0.08   | 2.35   | 2.43  | 0.06  | 0.06                                   |
| ECO72_170         | 1                                 | 626749 | 314181 | 0.06   | 2.30   | 2.36  | 0.08   | 2.35   | 2.42  | 0.06  | 0.06                                   |
| ECO72_180         | 1                                 | 626753 | 314191 | 0.06   | 2.30   | 2.36  | 0.07   | 2.35   | 2.42  | 0.06  | 0.06                                   |
| ECO72_190         | 1                                 | 626757 | 314200 | 0.06   | 2.30   | 2.36  | 0.07   | 2.35   | 2.41  | 0.06  | 0.06                                   |
| ECO72_200         | 1                                 | 626761 | 314209 | 0.05   | 2.30   | 2.35  | 0.06   | 2.35   | 2.41  | 0.06  | 0.06                                   |
| ECO73_90          | 1                                 | 626679 | 313931 | 0.07   | 2.30   | 2.37  | 0.08   | 2.35   | 2.43  | 0.06  | 0.06                                   |
| ECO73_100         | 1                                 | 626676 | 313921 | 0.06   | 2.30   | 2.36  | 0.07   | 2.35   | 2.42  | 0.06  | 0.06                                   |
| ECO73_110         | 1                                 | 626672 | 313912 | 0.05   | 2.30   | 2.35  | 0.06   | 2.35   | 2.41  | 0.06  | 0.06                                   |
| ECO73_120         | 1                                 | 626669 | 313902 | 0.05   | 2.30   | 2.35  | 0.06   | 2.35   | 2.41  | 0.06  | 0.06                                   |
| ECO73_130         | 1                                 | 626665 | 313893 | 0.04   | 2.30   | 2.34  | 0.05   | 2.35   | 2.40  | 0.06  | 0.06                                   |
| ECO73_140         | 1                                 | 626662 | 313884 | 0.04   | 2.30   | 2.34  | 0.05   | 2.35   | 2.40  | 0.06  | 0.06                                   |
| ECO73_150         | 1                                 | 626659 | 313874 | 0.04   | 2.30   | 2.34  | 0.04   | 2.35   | 2.39  | 0.05  | 0.05                                   |
| ECO73_160         | 1                                 | 626655 | 313865 | 0.03   | 2.30   | 2.33  | 0.04   | 2.35   | 2.39  | 0.05  | 0.05                                   |
| ECO73_170         | 1                                 | 626652 | 313855 | 0.03   | 2.30   | 2.33  | 0.04   | 2.35   | 2.39  | 0.05  | 0.05                                   |
| ECO73_180         | 1                                 | 626648 | 313846 | 0.03   | 2.30   | 2.33  | 0.04   | 2.35   | 2.38  | 0.05  | 0.05                                   |
| ECO73_190         | 1                                 | 626645 | 313837 | 0.03   | 2.30   | 2.33  | 0.03   | 2.35   | 2.38  | 0.05  | 0.05                                   |
| ECO73_200         | 1                                 | 626642 | 313827 | 0.03   | 2.30   | 2.33  | 0.03   | 2.35   | 2.38  | 0.05  | 0.05                                   |
| ECO71_75          | 1                                 | 613432 | 311112 | 0.16   | 2.80   | 2.96  | 0.20   | 2.86   | 3.05  | 0.10  | 0.10                                   |
| ECO70_24          | 1                                 | 616393 | 308779 | 0.72   | 2.80   | 3.52  | 0.95   | 2.86   | 3.81  | 0.28  | 0.28                                   |
| ECO72_32          | 1                                 | 626696 | 314054 | 0.42   | 2.30   | 2.72  | 0.51   | 2.35   | 2.86  | 0.14  | 0.14                                   |
| ECO62_40          | 1                                 | 613086 | 315170 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_50          | 1                                 | 613084 | 315161 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_60          | 1                                 | 613082 | 315151 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_70          | 1                                 | 613080 | 315141 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_80          | 1                                 | 613077 | 315131 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_90          | 1                                 | 613075 | 315122 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_100         | 1                                 | 613073 | 315112 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_110         | 1                                 | 613070 | 315102 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_120         | 1                                 | 613068 | 315092 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_130         | 1                                 | 613066 | 315083 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_140         | 1                                 | 613064 | 315073 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO62_150         | 1                                 | 613061 | 315063 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_160         | 1                                 | 613059 | 315053 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_170         | 1                                 | 613057 | 315044 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_180         | 1                                 | 613054 | 315034 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_190         | 1                                 | 613052 | 315024 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_200         | 1                                 | 613050 | 315015 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO62_36          | 1                                 | 613087 | 315174 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_40          | 1                                 | 613070 | 315282 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_50          | 1                                 | 613071 | 315292 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_60          | 1                                 | 613071 | 315302 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_70          | 1                                 | 613071 | 315312 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_80          | 1                                 | 613072 | 315322 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_90          | 1                                 | 613072 | 315332 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_100         | 1                                 | 613073 | 315342 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_110         | 1                                 | 613073 | 315352 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_120         | 1                                 | 613073 | 315362 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_130         | 1                                 | 613074 | 315372 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_140         | 1                                 | 613074 | 315382 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_150         | 1                                 | 613075 | 315392 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_160         | 1                                 | 613075 | 315402 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_170         | 1                                 | 613075 | 315412 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_180         | 1                                 | 613076 | 315422 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_190         | 1                                 | 613076 | 315432 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_200         | 1                                 | 613077 | 315442 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO53_32          | 1                                 | 613070 | 315274 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| ECO76_9           | 1                                 | 619892 | 304355 | 2.12   | 2.84   | 4.96  | 2.84   | 2.90   | 5.74  | 0.78  | 0.78                                   |
| ECO76_10          | 1                                 | 619892 | 304356 | 1.98   | 2.84   | 4.82  | 2.66   | 2.90   | 5.56  | 0.73  | 0.73                                   |
| ECO76_20          | 1                                 | 619896 | 304365 | 1.13   | 2.84   | 3.97  | 1.49   | 2.90   | 4.39  | 0.43  | 0.43                                   |
| ECO76_30          | 1                                 | 619899 | 304374 | 0.78   | 2.84   | 3.62  | 1.03   | 2.90   | 3.92  | 0.31  | 0.31                                   |
| ECO76_40          | 1                                 | 619903 | 304384 | 0.59   | 2.84   | 3.43  | 0.78   | 2.90   | 3.67  | 0.24  | 0.24                                   |
| ECO76_50          | 1                                 | 619907 | 304393 | 0.47   | 2.84   | 3.31  | 0.62   | 2.90   | 3.52  | 0.21  | 0.21                                   |
| ECO76_60          | 1                                 | 619910 | 304402 | 0.39   | 2.84   | 3.23  | 0.51   | 2.90   | 3.41  | 0.18  | 0.18                                   |
| ECO76_70          | 1                                 | 619914 | 304411 | 0.34   | 2.84   | 3.18  | 0.44   | 2.90   | 3.34  | 0.16  | 0.16                                   |
| ECO76_80          | 1                                 | 619918 | 304421 | 0.29   | 2.84   | 3.13  | 0.38   | 2.90   | 3.28  | 0.15  | 0.15                                   |
| ECO76_90          | 1                                 | 619921 | 304430 | 0.26   | 2.84   | 3.10  | 0.34   | 2.90   | 3.24  | 0.14  | 0.14                                   |
| ECO76_100         | 1                                 | 619925 | 304439 | 0.23   | 2.84   | 3.07  | 0.30   | 2.90   | 3.20  | 0.13  | 0.13                                   |
| ECO76_110         | 1                                 | 619929 | 304449 | 0.21   | 2.84   | 3.05  | 0.27   | 2.90   | 3.17  | 0.12  | 0.12                                   |
| ECO76_120         | 1                                 | 619932 | 304458 | 0.19   | 2.84   | 3.03  | 0.25   | 2.90   | 3.15  | 0.12  | 0.12                                   |
| ECO76_130         | 1                                 | 619936 | 304467 | 0.18   | 2.84   | 3.02  | 0.23   | 2.90   | 3.13  | 0.11  | 0.11                                   |
| ECO76_140         | 1                                 | 619940 | 304477 | 0.16   | 2.84   | 3.00  | 0.21   | 2.90   | 3.11  | 0.11  | 0.11                                   |
| ECO76_150         | 1                                 | 619943 | 304486 | 0.15   | 2.84   | 2.99  | 0.20   | 2.90   | 3.09  | 0.10  | 0.10                                   |
| ECO76_160         | 1                                 | 619947 | 304495 | 0.14   | 2.84   | 2.98  | 0.18   | 2.90   | 3.08  | 0.10  | 0.10                                   |
| ECO76_170         | 1                                 | 619951 | 304504 | 0.13   | 2.84   | 2.97  | 0.17   | 2.90   | 3.07  | 0.10  | 0.10                                   |
| ECO76_180         | 1                                 | 619955 | 304514 | 0.12   | 2.84   | 2.96  | 0.16   | 2.90   | 3.06  | 0.10  | 0.10                                   |
| ECO76_190         | 1                                 | 619958 | 304523 | 0.12   | 2.84   | 2.96  | 0.15   | 2.90   | 3.05  | 0.09  | 0.09                                   |
| ECO76_200         | 1                                 | 619962 | 304532 | 0.11   | 2.84   | 2.95  | 0.14   | 2.90   | 3.04  | 0.09  | 0.09                                   |
| ECO77_44          | 1                                 | 619125 | 304868 | 0.70   | 2.84   | 3.54  | 0.92   | 2.90   | 3.82  | 0.28  | 0.28                                   |
| ECO77_50          | 1                                 | 619129 | 304869 | 0.65   | 2.84   | 3.49  | 0.85   | 2.90   | 3.75  | 0.26  | 0.26                                   |
| ECO77_60          | 1                                 | 619138 | 304873 | 0.54   | 2.84   | 3.38  | 0.71   | 2.90   | 3.61  | 0.23  | 0.23                                   |
| ECO77_70          | 1                                 | 619147 | 304877 | 0.47   | 2.84   | 3.31  | 0.61   | 2.90   | 3.51  | 0.20  | 0.20                                   |
| ECO77_80          | 1                                 | 619157 | 304881 | 0.41   | 2.84   | 3.25  | 0.54   | 2.90   | 3.44  | 0.18  | 0.18                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO77_90          | 1                                 | 619166 | 304885 | 0.37   | 2.84   | 3.21  | 0.48   | 2.90   | 3.38  | 0.17  | 0.17                                   |
| ECO77_100         | 1                                 | 619175 | 304889 | 0.33   | 2.84   | 3.17  | 0.43   | 2.90   | 3.33  | 0.16  | 0.16                                   |
| ECO77_110         | 1                                 | 619184 | 304893 | 0.30   | 2.84   | 3.14  | 0.39   | 2.90   | 3.29  | 0.15  | 0.15                                   |
| ECO77_120         | 1                                 | 619193 | 304897 | 0.28   | 2.84   | 3.12  | 0.36   | 2.90   | 3.26  | 0.14  | 0.14                                   |
| ECO77_130         | 1                                 | 619202 | 304901 | 0.26   | 2.84   | 3.10  | 0.34   | 2.90   | 3.23  | 0.13  | 0.13                                   |
| ECO77_140         | 1                                 | 619212 | 304905 | 0.24   | 2.84   | 3.08  | 0.31   | 2.90   | 3.21  | 0.13  | 0.13                                   |
| ECO77_150         | 1                                 | 619221 | 304909 | 0.22   | 2.84   | 3.06  | 0.29   | 2.90   | 3.19  | 0.12  | 0.12                                   |
| ECO77_160         | 1                                 | 619230 | 304913 | 0.21   | 2.84   | 3.05  | 0.27   | 2.90   | 3.17  | 0.12  | 0.12                                   |
| ECO77_170         | 1                                 | 619239 | 304917 | 0.20   | 2.84   | 3.04  | 0.26   | 2.90   | 3.16  | 0.12  | 0.12                                   |
| ECO77_180         | 1                                 | 619248 | 304921 | 0.19   | 2.84   | 3.03  | 0.24   | 2.90   | 3.14  | 0.11  | 0.11                                   |
| ECO77_190         | 1                                 | 619257 | 304925 | 0.18   | 2.84   | 3.02  | 0.23   | 2.90   | 3.13  | 0.11  | 0.11                                   |
| ECO77_200         | 1                                 | 619267 | 304929 | 0.17   | 2.84   | 3.01  | 0.22   | 2.90   | 3.12  | 0.11  | 0.11                                   |
| ECO78_7           | 1                                 | 618778 | 308209 | 1.37   | 2.82   | 4.19  | 1.62   | 2.88   | 4.49  | 0.31  | 0.31                                   |
| ECO78_10          | 1                                 | 618777 | 308212 | 0.96   | 2.82   | 3.78  | 1.13   | 2.88   | 4.01  | 0.23  | 0.23                                   |
| ECO78_20          | 1                                 | 618775 | 308222 | 0.50   | 2.82   | 3.32  | 0.59   | 2.88   | 3.47  | 0.14  | 0.14                                   |
| ECO78_30          | 1                                 | 618773 | 308232 | 0.34   | 2.82   | 3.16  | 0.40   | 2.88   | 3.27  | 0.12  | 0.12                                   |
| ECO78_40          | 1                                 | 618770 | 308241 | 0.25   | 2.82   | 3.07  | 0.30   | 2.88   | 3.18  | 0.10  | 0.10                                   |
| ECO78_50          | 1                                 | 618768 | 308251 | 0.20   | 2.82   | 3.02  | 0.24   | 2.88   | 3.12  | 0.09  | 0.09                                   |
| ECO78_60          | 1                                 | 618766 | 308261 | 0.17   | 2.82   | 2.99  | 0.20   | 2.88   | 3.08  | 0.09  | 0.09                                   |
| ECO78_70          | 1                                 | 618764 | 308271 | 0.15   | 2.82   | 2.97  | 0.17   | 2.88   | 3.05  | 0.08  | 0.08                                   |
| ECO78_80          | 1                                 | 618762 | 308280 | 0.13   | 2.82   | 2.95  | 0.15   | 2.88   | 3.03  | 0.08  | 0.08                                   |
| ECO78_90          | 1                                 | 618760 | 308290 | 0.12   | 2.82   | 2.94  | 0.14   | 2.88   | 3.02  | 0.08  | 0.08                                   |
| ECO78_100         | 1                                 | 618757 | 308300 | 0.11   | 2.82   | 2.93  | 0.13   | 2.88   | 3.00  | 0.08  | 0.08                                   |
| ECO78_110         | 1                                 | 618755 | 308310 | 0.10   | 2.82   | 2.92  | 0.12   | 2.88   | 2.99  | 0.08  | 0.08                                   |
| ECO78_120         | 1                                 | 618753 | 308319 | 0.09   | 2.82   | 2.91  | 0.11   | 2.88   | 2.99  | 0.08  | 0.08                                   |
| ECO78_130         | 1                                 | 618751 | 308329 | 0.08   | 2.82   | 2.90  | 0.10   | 2.88   | 2.98  | 0.07  | 0.07                                   |
| ECO78_140         | 1                                 | 618749 | 308339 | 0.08   | 2.82   | 2.90  | 0.09   | 2.88   | 2.97  | 0.07  | 0.07                                   |
| ECO78_150         | 1                                 | 618746 | 308349 | 0.07   | 2.82   | 2.89  | 0.09   | 2.88   | 2.97  | 0.07  | 0.07                                   |
| ECO78_160         | 1                                 | 618744 | 308359 | 0.07   | 2.82   | 2.89  | 0.08   | 2.88   | 2.96  | 0.07  | 0.07                                   |
| ECO78_170         | 1                                 | 618742 | 308368 | 0.07   | 2.82   | 2.89  | 0.08   | 2.88   | 2.96  | 0.07  | 0.07                                   |
| ECO78_180         | 1                                 | 618740 | 308378 | 0.06   | 2.82   | 2.88  | 0.08   | 2.88   | 2.95  | 0.07  | 0.07                                   |
| ECO78_190         | 1                                 | 618738 | 308388 | 0.06   | 2.82   | 2.88  | 0.07   | 2.88   | 2.95  | 0.07  | 0.07                                   |
| ECO78_200         | 1                                 | 618736 | 308398 | 0.06   | 2.82   | 2.88  | 0.07   | 2.88   | 2.95  | 0.07  | 0.07                                   |
| ECO79_17          | 1                                 | 621236 | 315477 | 0.43   | 2.45   | 2.88  | 0.54   | 2.50   | 3.04  | 0.15  | 0.15                                   |
| ECO79_20          | 1                                 | 621237 | 315476 | 0.39   | 2.45   | 2.84  | 0.48   | 2.50   | 2.98  | 0.14  | 0.14                                   |
| ECO79_30          | 1                                 | 621246 | 315472 | 0.26   | 2.45   | 2.71  | 0.32   | 2.50   | 2.82  | 0.11  | 0.11                                   |
| ECO79_40          | 1                                 | 621255 | 315468 | 0.20   | 2.45   | 2.65  | 0.24   | 2.50   | 2.74  | 0.09  | 0.09                                   |
| ECO79_50          | 1                                 | 621264 | 315463 | 0.16   | 2.45   | 2.61  | 0.19   | 2.50   | 2.69  | 0.09  | 0.09                                   |
| ECO79_60          | 1                                 | 621273 | 315459 | 0.13   | 2.45   | 2.58  | 0.16   | 2.50   | 2.66  | 0.08  | 0.08                                   |
| ECO79_70          | 1                                 | 621282 | 315454 | 0.11   | 2.45   | 2.56  | 0.14   | 2.50   | 2.64  | 0.08  | 0.08                                   |
| ECO79_80          | 1                                 | 621291 | 315450 | 0.10   | 2.45   | 2.55  | 0.12   | 2.50   | 2.62  | 0.07  | 0.07                                   |
| ECO79_90          | 1                                 | 621300 | 315446 | 0.09   | 2.45   | 2.54  | 0.11   | 2.50   | 2.61  | 0.07  | 0.07                                   |
| ECO79_100         | 1                                 | 621309 | 315441 | 0.08   | 2.45   | 2.53  | 0.10   | 2.50   | 2.60  | 0.07  | 0.07                                   |
| ECO79_110         | 1                                 | 621318 | 315437 | 0.08   | 2.45   | 2.53  | 0.09   | 2.50   | 2.59  | 0.07  | 0.07                                   |
| ECO79_120         | 1                                 | 621327 | 315432 | 0.07   | 2.45   | 2.52  | 0.09   | 2.50   | 2.59  | 0.07  | 0.07                                   |
| ECO79_130         | 1                                 | 621336 | 315428 | 0.07   | 2.45   | 2.52  | 0.08   | 2.50   | 2.58  | 0.06  | 0.06                                   |
| ECO79_140         | 1                                 | 621345 | 315423 | 0.06   | 2.45   | 2.51  | 0.08   | 2.50   | 2.58  | 0.06  | 0.06                                   |
| ECO79_150         | 1                                 | 621354 | 315419 | 0.06   | 2.45   | 2.51  | 0.07   | 2.50   | 2.57  | 0.06  | 0.06                                   |
| ECO79_160         | 1                                 | 621363 | 315415 | 0.06   | 2.45   | 2.51  | 0.07   | 2.50   | 2.57  | 0.06  | 0.06                                   |
| ECO79_170         | 1                                 | 621372 | 315410 | 0.05   | 2.45   | 2.50  | 0.07   | 2.50   | 2.57  | 0.06  | 0.06                                   |
| ECO79_180         | 1                                 | 621381 | 315406 | 0.05   | 2.45   | 2.50  | 0.06   | 2.50   | 2.56  | 0.06  | 0.06                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO79_190         | 1                                 | 621390 | 315401 | 0.05   | 2.45   | 2.50  | 0.06   | 2.50   | 2.56  | 0.06  | 0.06                                   |
| ECO79_200         | 1                                 | 621399 | 315397 | 0.05   | 2.45   | 2.50  | 0.06   | 2.50   | 2.56  | 0.06  | 0.06                                   |
| ECO80_5           | 1                                 | 617027 | 310789 | 0.73   | 2.57   | 3.30  | 0.87   | 2.62   | 3.49  | 0.18  | 0.18                                   |
| ECO80_10          | 1                                 | 617032 | 310788 | 0.42   | 2.57   | 2.99  | 0.49   | 2.62   | 3.12  | 0.13  | 0.13                                   |
| ECO80_20          | 1                                 | 617042 | 310786 | 0.23   | 2.57   | 2.80  | 0.26   | 2.62   | 2.89  | 0.09  | 0.09                                   |
| ECO80_30          | 1                                 | 617052 | 310784 | 0.16   | 2.57   | 2.73  | 0.18   | 2.62   | 2.81  | 0.08  | 0.08                                   |
| ECO80_40          | 1                                 | 617062 | 310783 | 0.12   | 2.57   | 2.69  | 0.14   | 2.62   | 2.77  | 0.07  | 0.07                                   |
| ECO80_50          | 1                                 | 617071 | 310781 | 0.10   | 2.57   | 2.67  | 0.12   | 2.62   | 2.74  | 0.07  | 0.07                                   |
| ECO80_60          | 1                                 | 617081 | 310779 | 0.09   | 2.57   | 2.66  | 0.10   | 2.62   | 2.73  | 0.07  | 0.07                                   |
| ECO80_70          | 1                                 | 617091 | 310777 | 0.08   | 2.57   | 2.65  | 0.09   | 2.62   | 2.71  | 0.07  | 0.07                                   |
| ECO80_80          | 1                                 | 617101 | 310776 | 0.07   | 2.57   | 2.64  | 0.08   | 2.62   | 2.71  | 0.06  | 0.06                                   |
| ECO80_90          | 1                                 | 617111 | 310774 | 0.07   | 2.57   | 2.64  | 0.08   | 2.62   | 2.70  | 0.06  | 0.06                                   |
| ECO80_100         | 1                                 | 617121 | 310772 | 0.06   | 2.57   | 2.63  | 0.07   | 2.62   | 2.70  | 0.06  | 0.06                                   |
| ECO80_110         | 1                                 | 617131 | 310770 | 0.06   | 2.57   | 2.63  | 0.07   | 2.62   | 2.69  | 0.06  | 0.06                                   |
| ECO80_120         | 1                                 | 617140 | 310769 | 0.06   | 2.57   | 2.63  | 0.07   | 2.62   | 2.69  | 0.06  | 0.06                                   |
| ECO80_130         | 1                                 | 617150 | 310767 | 0.05   | 2.57   | 2.62  | 0.06   | 2.62   | 2.69  | 0.06  | 0.06                                   |
| ECO80_140         | 1                                 | 617160 | 310765 | 0.05   | 2.57   | 2.62  | 0.06   | 2.62   | 2.68  | 0.06  | 0.06                                   |
| ECO80_150         | 1                                 | 617170 | 310763 | 0.05   | 2.57   | 2.62  | 0.06   | 2.62   | 2.68  | 0.06  | 0.06                                   |
| ECO80_160         | 1                                 | 617180 | 310762 | 0.05   | 2.57   | 2.62  | 0.06   | 2.62   | 2.68  | 0.06  | 0.06                                   |
| ECO80_170         | 1                                 | 617190 | 310760 | 0.05   | 2.57   | 2.62  | 0.06   | 2.62   | 2.68  | 0.06  | 0.06                                   |
| ECO80_180         | 1                                 | 617199 | 310758 | 0.05   | 2.57   | 2.62  | 0.05   | 2.62   | 2.68  | 0.06  | 0.06                                   |
| ECO80_190         | 1                                 | 617209 | 310756 | 0.04   | 2.57   | 2.61  | 0.05   | 2.62   | 2.67  | 0.06  | 0.06                                   |
| ECO80_200         | 1                                 | 617219 | 310755 | 0.04   | 2.57   | 2.61  | 0.05   | 2.62   | 2.67  | 0.06  | 0.06                                   |
| VeteranTree1      | 1                                 | 613995 | 315565 | 0.02   | 3.20   | 3.22  | 0.02   | 3.27   | 3.29  | 0.07  | 0.07                                   |
| VeteranTree2      | 1                                 | 613946 | 315720 | 0.04   | 3.20   | 3.24  | 0.05   | 3.27   | 3.32  | 0.08  | 0.08                                   |
| VeteranTree3      | 1                                 | 613169 | 315291 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree4      | 1                                 | 612410 | 315291 | 0.01   | 3.30   | 3.31  | 0.01   | 3.37   | 3.38  | 0.07  | 0.07                                   |
| VeteranTree5      | 1                                 | 611615 | 316133 | 0.06   | 3.40   | 3.46  | 0.08   | 3.47   | 3.55  | 0.08  | 0.08                                   |
| VeteranTree6      | 1                                 | 611773 | 314194 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree7      | 1                                 | 611533 | 314557 | 0.02   | 3.20   | 3.22  | 0.02   | 3.27   | 3.28  | 0.07  | 0.07                                   |
| VeteranTree8      | 1                                 | 611919 | 314773 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree9      | 1                                 | 613539 | 315278 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree10     | 1                                 | 613456 | 315232 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree11     | 1                                 | 613426 | 315245 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree12     | 1                                 | 613408 | 315252 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree13     | 1                                 | 613393 | 315257 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree14     | 1                                 | 610899 | 314060 | 0.01   | 2.91   | 2.92  | 0.01   | 2.97   | 2.98  | 0.06  | 0.06                                   |
| VeteranTree15     | 1                                 | 610950 | 314022 | 0.02   | 2.91   | 2.93  | 0.03   | 2.97   | 3.00  | 0.06  | 0.06                                   |
| VeteranTree16     | 1                                 | 611321 | 313786 | 0.01   | 3.00   | 3.01  | 0.02   | 3.06   | 3.08  | 0.06  | 0.06                                   |
| VeteranTree17     | 1                                 | 611205 | 313657 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| VeteranTree18     | 1                                 | 610964 | 313753 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.17  | 0.07  | 0.07                                   |
| VeteranTree19     | 1                                 | 610981 | 313740 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.17  | 0.06  | 0.06                                   |
| VeteranTree20     | 1                                 | 610295 | 313398 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.17  | 0.07  | 0.07                                   |
| VeteranTree21     | 1                                 | 610329 | 313369 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.17  | 0.07  | 0.07                                   |
| VeteranTree22     | 1                                 | 610484 | 313141 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.17  | 0.07  | 0.07                                   |
| VeteranTree23     | 1                                 | 610474 | 313242 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.17  | 0.07  | 0.07                                   |
| VeteranTree24     | 1                                 | 611468 | 313954 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| VeteranTree25     | 1                                 | 611536 | 313974 | 0.01   | 3.00   | 3.01  | 0.01   | 3.06   | 3.07  | 0.06  | 0.06                                   |
| VeteranTree26     | 1                                 | 611718 | 314142 | 0.01   | 3.20   | 3.21  | 0.01   | 3.27   | 3.27  | 0.07  | 0.07                                   |
| VeteranTree27     | 1                                 | 615300 | 314200 | 0.03   | 2.90   | 2.93  | 0.04   | 2.96   | 3.00  | 0.06  | 0.06                                   |
| VeteranTree28     | 1                                 | 616200 | 314600 | 0.09   | 2.90   | 2.99  | 0.11   | 2.96   | 3.07  | 0.07  | 0.07                                   |

| Receptor ID point | Clvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| VeteranTree29     | 1                                 | 609589 | 314722 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree30     | 1                                 | 609666 | 314725 | 0.18   | 3.10   | 3.28  | 0.21   | 3.16   | 3.38  | 0.10  | 0.10                                   |
| VeteranTree31     | 1                                 | 610000 | 317100 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| VeteranTree32     | 1                                 | 613366 | 314192 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.19  | 0.07  | 0.07                                   |
| VeteranTree33     | 1                                 | 611567 | 316340 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.07                                   |
| VeteranTree34     | 1                                 | 609600 | 314700 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree35     | 1                                 | 614800 | 313700 | 0.01   | 2.90   | 2.91  | 0.02   | 2.96   | 2.98  | 0.06  | 0.06                                   |
| VeteranTree36     | 1                                 | 609572 | 314685 | 0.01   | 3.10   | 3.11  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree37     | 1                                 | 615400 | 314100 | 0.01   | 2.90   | 2.91  | 0.02   | 2.96   | 2.98  | 0.06  | 0.06                                   |
| VeteranTree38     | 1                                 | 614714 | 315593 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.22  | 0.07  | 0.07                                   |
| VeteranTree39     | 1                                 | 614198 | 315841 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.21  | 0.07  | 0.07                                   |
| VeteranTree40     | 1                                 | 609600 | 314700 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree41     | 1                                 | 616300 | 314800 | 0.04   | 2.90   | 2.94  | 0.05   | 2.96   | 3.01  | 0.07  | 0.07                                   |
| VeteranTree42     | 1                                 | 616000 | 313800 | 0.07   | 2.80   | 2.87  | 0.08   | 2.86   | 2.94  | 0.07  | 0.07                                   |
| VeteranTree43     | 1                                 | 609878 | 311853 | 0.02   | 3.00   | 3.02  | 0.03   | 3.06   | 3.09  | 0.07  | 0.07                                   |
| VeteranTree44     | 1                                 | 612134 | 312396 | 0.01   | 2.90   | 2.91  | 0.01   | 2.96   | 2.97  | 0.06  | 0.06                                   |
| VeteranTree45     | 1                                 | 614802 | 315647 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| VeteranTree46     | 1                                 | 611393 | 315901 | 0.28   | 3.30   | 3.58  | 0.35   | 3.37   | 3.72  | 0.14  | 0.14                                   |
| VeteranTree47     | 1                                 | 605552 | 313158 | 0.01   | 3.07   | 3.08  | 0.01   | 3.13   | 3.15  | 0.07  | 0.07                                   |
| VeteranTree48     | 1                                 | 614800 | 314000 | 0.03   | 3.00   | 3.03  | 0.03   | 3.06   | 3.10  | 0.07  | 0.07                                   |
| VeteranTree49     | 1                                 | 615400 | 314100 | 0.01   | 2.90   | 2.91  | 0.02   | 2.96   | 2.98  | 0.06  | 0.06                                   |
| VeteranTree50     | 1                                 | 611545 | 316410 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.07                                   |
| VeteranTree51     | 1                                 | 609601 | 314735 | 0.02   | 3.10   | 3.12  | 0.03   | 3.16   | 3.19  | 0.07  | 0.07                                   |
| VeteranTree52     | 1                                 | 609585 | 314710 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree53     | 1                                 | 609704 | 311799 | 0.06   | 3.00   | 3.06  | 0.07   | 3.06   | 3.13  | 0.07  | 0.07                                   |
| VeteranTree54     | 1                                 | 615200 | 314100 | 0.02   | 2.90   | 2.92  | 0.02   | 2.96   | 2.98  | 0.06  | 0.06                                   |
| VeteranTree55     | 1                                 | 617400 | 311900 | 0.06   | 2.60   | 2.66  | 0.06   | 2.65   | 2.72  | 0.06  | 0.06                                   |
| VeteranTree56     | 1                                 | 614355 | 315729 | 0.04   | 3.10   | 3.14  | 0.05   | 3.16   | 3.22  | 0.07  | 0.07                                   |
| VeteranTree57     | 1                                 | 613592 | 316433 | 0.04   | 3.40   | 3.44  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| VeteranTree58     | 1                                 | 616000 | 313800 | 0.07   | 2.80   | 2.87  | 0.08   | 2.86   | 2.94  | 0.07  | 0.07                                   |
| VeteranTree59     | 1                                 | 609600 | 314700 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree60     | 1                                 | 606608 | 312821 | 0.02   | 3.07   | 3.09  | 0.02   | 3.13   | 3.15  | 0.07  | 0.07                                   |
| VeteranTree61     | 1                                 | 610000 | 317100 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| VeteranTree62     | 1                                 | 612357 | 318777 | 0.01   | 3.50   | 3.51  | 0.01   | 3.57   | 3.58  | 0.07  | 0.07                                   |
| VeteranTree63     | 1                                 | 613000 | 314000 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.17  | 0.06  | 0.06                                   |
| VeteranTree64     | 1                                 | 609600 | 314700 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree65     | 1                                 | 609544 | 314641 | 0.01   | 3.10   | 3.11  | 0.01   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree66     | 1                                 | 610000 | 317100 | 0.03   | 3.40   | 3.43  | 0.04   | 3.47   | 3.51  | 0.08  | 0.08                                   |
| VeteranTree67     | 1                                 | 609600 | 314700 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| VeteranTree68     | 1                                 | 615600 | 314800 | 0.05   | 2.90   | 2.95  | 0.06   | 2.96   | 3.02  | 0.07  | 0.07                                   |
| VeteranTree69     | 1                                 | 607173 | 313229 | 0.06   | 3.10   | 3.16  | 0.08   | 3.16   | 3.24  | 0.08  | 0.08                                   |
| VeteranTree70     | 1                                 | 612149 | 312398 | 0.01   | 2.90   | 2.91  | 0.01   | 2.96   | 2.97  | 0.06  | 0.06                                   |
| VeteranTree71     | 1                                 | 615033 | 315695 | 0.03   | 3.10   | 3.13  | 0.04   | 3.16   | 3.20  | 0.07  | 0.07                                   |
| VeteranTree72     | 1                                 | 611567 | 316340 | 0.01   | 3.40   | 3.41  | 0.01   | 3.47   | 3.48  | 0.07  | 0.07                                   |
| VeteranTree73     | 1                                 | 609600 | 314700 | 0.02   | 3.10   | 3.12  | 0.02   | 3.16   | 3.18  | 0.07  | 0.07                                   |
| ECO82_0           | 1                                 | 610969 | 311716 | 0.06   | 2.39   | 2.45  | 0.07   | 2.44   | 2.51  | 0.06  | 0.06                                   |
| ECO82_15          | 1                                 | 610979 | 311716 | 0.06   | 2.39   | 2.45  | 0.07   | 2.44   | 2.51  | 0.06  | 0.06                                   |
| ECO89_136         | 1                                 | 616990 | 309140 | 0.03   | 2.19   | 2.22  | 0.04   | 2.23   | 2.27  | 0.05  | 0.05                                   |
| ECO89_140         | 1                                 | 616991 | 309136 | 0.03   | 2.19   | 2.22  | 0.04   | 2.23   | 2.27  | 0.05  | 0.05                                   |
| ECO89_150         | 1                                 | 616996 | 309127 | 0.03   | 2.19   | 2.22  | 0.04   | 2.23   | 2.27  | 0.05  | 0.05                                   |
| ECO89_160         | 1                                 | 617001 | 309119 | 0.03   | 2.19   | 2.22  | 0.04   | 2.23   | 2.27  | 0.05  | 0.05                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO89_170         | 1                                 | 617006 | 309110 | 0.03   | 2.19   | 2.22  | 0.04   | 2.23   | 2.27  | 0.05  | 0.05                                   |
| ECO89_180         | 1                                 | 617010 | 309101 | 0.03   | 2.19   | 2.22  | 0.04   | 2.23   | 2.27  | 0.05  | 0.05                                   |
| ECO89_190         | 1                                 | 617015 | 309092 | 0.03   | 2.19   | 2.22  | 0.04   | 2.23   | 2.27  | 0.05  | 0.05                                   |
| ECO89_200         | 1                                 | 617020 | 309084 | 0.03   | 2.19   | 2.22  | 0.03   | 2.23   | 2.27  | 0.05  | 0.05                                   |
| ECO83_36          | 1                                 | 610931 | 311685 | 0.09   | 2.39   | 2.48  | 0.11   | 2.44   | 2.54  | 0.07  | 0.07                                   |
| ECO83_40          | 1                                 | 610926 | 311684 | 0.09   | 2.39   | 2.48  | 0.11   | 2.44   | 2.55  | 0.07  | 0.07                                   |
| ECO83_50          | 1                                 | 610917 | 311682 | 0.10   | 2.39   | 2.49  | 0.12   | 2.44   | 2.56  | 0.07  | 0.07                                   |
| ECO83_60          | 1                                 | 610907 | 311680 | 0.11   | 2.39   | 2.50  | 0.13   | 2.44   | 2.57  | 0.07  | 0.07                                   |
| ECO83_70          | 1                                 | 610897 | 311678 | 0.12   | 2.39   | 2.51  | 0.14   | 2.44   | 2.58  | 0.07  | 0.07                                   |
| ECO83_80          | 1                                 | 610887 | 311676 | 0.13   | 2.39   | 2.52  | 0.16   | 2.44   | 2.60  | 0.08  | 0.08                                   |
| ECO83_90          | 1                                 | 610877 | 311674 | 0.15   | 2.39   | 2.54  | 0.18   | 2.44   | 2.62  | 0.08  | 0.08                                   |
| ECO83_100         | 1                                 | 610868 | 311672 | 0.17   | 2.39   | 2.56  | 0.20   | 2.44   | 2.64  | 0.08  | 0.08                                   |
| ECO84_0           | 1                                 | 610948 | 311711 | 0.07   | 2.39   | 2.46  | 0.08   | 2.44   | 2.52  | 0.06  | 0.06                                   |
| ECO84_10          | 1                                 | 610942 | 311709 | 0.07   | 2.39   | 2.46  | 0.09   | 2.44   | 2.53  | 0.06  | 0.06                                   |
| ECO84_20          | 1                                 | 610932 | 311707 | 0.08   | 2.39   | 2.47  | 0.09   | 2.44   | 2.53  | 0.07  | 0.07                                   |
| ECO84_30          | 1                                 | 610923 | 311704 | 0.08   | 2.39   | 2.47  | 0.10   | 2.44   | 2.54  | 0.07  | 0.07                                   |
| ECO85_0           | 1                                 | 614353 | 315539 | 0.22   | 3.10   | 3.32  | 0.27   | 3.16   | 3.43  | 0.11  | 0.11                                   |
| ECO85_10          | 1                                 | 614356 | 315537 | 0.22   | 3.10   | 3.32  | 0.27   | 3.16   | 3.43  | 0.11  | 0.11                                   |
| ECO85_20          | 1                                 | 614365 | 315532 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.43  | 0.11  | 0.11                                   |
| ECO85_30          | 1                                 | 614373 | 315527 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.42  | 0.11  | 0.11                                   |
| ECO85_40          | 1                                 | 614382 | 315522 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.42  | 0.11  | 0.11                                   |
| ECO85_50          | 1                                 | 614391 | 315518 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.42  | 0.11  | 0.11                                   |
| ECO85_60          | 1                                 | 614399 | 315513 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.42  | 0.11  | 0.11                                   |
| ECO85_70          | 1                                 | 614408 | 315508 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.42  | 0.11  | 0.11                                   |
| ECO85_80          | 1                                 | 614417 | 315503 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.42  | 0.11  | 0.11                                   |
| ECO85_90          | 1                                 | 614425 | 315498 | 0.20   | 3.10   | 3.30  | 0.25   | 3.16   | 3.41  | 0.11  | 0.11                                   |
| ECO85_100         | 1                                 | 614434 | 315493 | 0.20   | 3.10   | 3.30  | 0.24   | 3.16   | 3.41  | 0.11  | 0.11                                   |
| ECO85_110         | 1                                 | 614443 | 315488 | 0.19   | 3.10   | 3.29  | 0.23   | 3.16   | 3.40  | 0.11  | 0.11                                   |
| ECO85_120         | 1                                 | 614451 | 315483 | 0.18   | 3.10   | 3.28  | 0.23   | 3.16   | 3.39  | 0.10  | 0.10                                   |
| ECO85_130         | 1                                 | 614460 | 315478 | 0.18   | 3.10   | 3.28  | 0.22   | 3.16   | 3.38  | 0.10  | 0.10                                   |
| ECO85_140         | 1                                 | 614469 | 315473 | 0.17   | 3.10   | 3.27  | 0.21   | 3.16   | 3.37  | 0.10  | 0.10                                   |
| ECO85_159         | 1                                 | 614485 | 315463 | 0.16   | 3.10   | 3.26  | 0.19   | 3.16   | 3.35  | 0.10  | 0.10                                   |
| ECO88_143         | 1                                 | 617804 | 307941 | 0.07   | 2.29   | 2.36  | 0.09   | 2.34   | 2.43  | 0.06  | 0.06                                   |
| ECO88_150         | 1                                 | 617799 | 307945 | 0.07   | 2.29   | 2.36  | 0.09   | 2.34   | 2.42  | 0.06  | 0.06                                   |
| ECO87_146         | 1                                 | 617800 | 307941 | 0.07   | 2.29   | 2.36  | 0.09   | 2.34   | 2.43  | 0.06  | 0.06                                   |
| ECO87_150         | 1                                 | 617797 | 307944 | 0.07   | 2.29   | 2.36  | 0.09   | 2.34   | 2.42  | 0.06  | 0.06                                   |
| ECO87_160         | 1                                 | 617789 | 307951 | 0.07   | 2.29   | 2.36  | 0.08   | 2.34   | 2.42  | 0.06  | 0.06                                   |
| ECO87_170         | 1                                 | 617782 | 307957 | 0.06   | 2.29   | 2.35  | 0.08   | 2.34   | 2.42  | 0.06  | 0.06                                   |
| ECO87_180         | 1                                 | 617774 | 307964 | 0.06   | 2.29   | 2.35  | 0.08   | 2.34   | 2.41  | 0.06  | 0.06                                   |
| ECO87_190         | 1                                 | 617767 | 307970 | 0.06   | 2.29   | 2.35  | 0.07   | 2.34   | 2.41  | 0.06  | 0.06                                   |
| ECO87_200         | 1                                 | 617759 | 307977 | 0.06   | 2.29   | 2.35  | 0.07   | 2.34   | 2.41  | 0.06  | 0.06                                   |
| ECO86_16          | 1                                 | 614361 | 315538 | 0.26   | 3.10   | 3.36  | 0.32   | 3.16   | 3.48  | 0.12  | 0.12                                   |
| ECO86_20          | 1                                 | 614359 | 315535 | 0.21   | 3.10   | 3.31  | 0.26   | 3.16   | 3.42  | 0.11  | 0.11                                   |
| ECO86_22          | 1                                 | 614358 | 315532 | 0.18   | 3.10   | 3.28  | 0.22   | 3.16   | 3.38  | 0.10  | 0.10                                   |
| ECO81_12          | 1                                 | 610987 | 311701 | 0.06   | 2.39   | 2.45  | 0.07   | 2.44   | 2.51  | 0.06  | 0.06                                   |
| ECO81_20          | 1                                 | 610995 | 311702 | 0.06   | 2.39   | 2.45  | 0.07   | 2.44   | 2.51  | 0.06  | 0.06                                   |
| ECO81_30          | 1                                 | 611005 | 311703 | 0.06   | 2.39   | 2.45  | 0.07   | 2.44   | 2.51  | 0.06  | 0.06                                   |
| ECO81_40          | 1                                 | 611015 | 311704 | 0.05   | 2.39   | 2.44  | 0.06   | 2.44   | 2.50  | 0.06  | 0.06                                   |
| ECO81_50          | 1                                 | 611025 | 311704 | 0.05   | 2.39   | 2.44  | 0.06   | 2.44   | 2.50  | 0.06  | 0.06                                   |
| ECO81_60          | 1                                 | 611035 | 311705 | 0.05   | 2.39   | 2.44  | 0.06   | 2.44   | 2.50  | 0.06  | 0.06                                   |
| ECO81_70          | 1                                 | 611045 | 311706 | 0.05   | 2.39   | 2.44  | 0.06   | 2.44   | 2.50  | 0.06  | 0.06                                   |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 1. 2019 Base Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 1. 2019 Base Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Road $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Background $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2. Projected Base 2030 Total $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | 2.-1. Change $\text{NH}_3$ ( $\mu\text{g}/\text{m}^3$ ) | (2.-1.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|
| ECO81_80          | 1                                 | 611055 | 311706 | 0.05   | 2.39   | 2.44  | 0.06   | 2.44   | 2.49  | 0.06  | 0.06                                   |
| ECO81_90          | 1                                 | 611065 | 311707 | 0.04   | 2.39   | 2.43  | 0.05   | 2.44   | 2.49  | 0.06  | 0.06                                   |
| ECO81_100         | 1                                 | 611075 | 311708 | 0.04   | 2.39   | 2.43  | 0.05   | 2.44   | 2.49  | 0.06  | 0.06                                   |
| ECO81_110         | 1                                 | 611085 | 311709 | 0.04   | 2.39   | 2.43  | 0.05   | 2.44   | 2.49  | 0.06  | 0.06                                   |
| ECO81_120         | 1                                 | 611095 | 311709 | 0.04   | 2.39   | 2.43  | 0.05   | 2.44   | 2.49  | 0.06  | 0.06                                   |
| ECO81_130         | 1                                 | 611105 | 311710 | 0.04   | 2.39   | 2.43  | 0.05   | 2.44   | 2.49  | 0.06  | 0.06                                   |
| ECO81_140         | 1                                 | 611115 | 311711 | 0.04   | 2.39   | 2.43  | 0.05   | 2.44   | 2.49  | 0.06  | 0.06                                   |
| ECO81_150         | 1                                 | 611125 | 311712 | 0.04   | 2.39   | 2.43  | 0.05   | 2.44   | 2.48  | 0.06  | 0.06                                   |
| ECO81_160         | 1                                 | 611135 | 311712 | 0.04   | 2.39   | 2.43  | 0.04   | 2.44   | 2.48  | 0.06  | 0.06                                   |
| ECO81_170         | 1                                 | 611145 | 311713 | 0.04   | 2.39   | 2.43  | 0.04   | 2.44   | 2.48  | 0.06  | 0.06                                   |
| ECO81_180         | 1                                 | 611154 | 311714 | 0.04   | 2.39   | 2.43  | 0.04   | 2.44   | 2.48  | 0.06  | 0.06                                   |
| ECO81_190         | 1                                 | 611164 | 311715 | 0.03   | 2.39   | 2.42  | 0.04   | 2.44   | 2.48  | 0.06  | 0.06                                   |
| ECO81_200         | 1                                 | 611174 | 311715 | 0.03   | 2.39   | 2.42  | 0.04   | 2.44   | 2.48  | 0.06  | 0.06                                   |
| ECO85_150         | 1                                 | 614477 | 315468 | 0.16   | 3.10   | 3.26  | 0.20   | 3.16   | 3.36  | 0.10  | 0.10                                   |
| ECO82_10          | 1                                 | 610974 | 311716 | 0.06   | 2.39   | 2.45  | 0.07   | 2.44   | 2.51  | 0.06  | 0.06                                   |



**Table 1-2 Model Predicted NH<sub>3</sub> Concentrations, 2044 DM and 2044 DS**

| Receptor ID point | Clvl (µg/m <sup>3</sup> ) | x      | y      | 3. DM 2044 Road NH3 (µg/m <sup>3</sup> ) | 3. DM 2044 Background NH3 (µg/m <sup>3</sup> ) | 3. DM 2044 Total NH3 (µg/m <sup>3</sup> ) | 4. DS 2044 Road NH3 (µg/m <sup>3</sup> ) | 4. DS 2044 Background NH3 (µg/m <sup>3</sup> ) | 4. DS 2044 Total NH3 (µg/m <sup>3</sup> ) | 4.-1. Change NH3 (µg/m <sup>3</sup> ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 (µg/m <sup>3</sup> ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 (µg/m <sup>3</sup> ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|---------------------------|--------|--------|--|--|---|--|--|---|---------------------------------------|--|---------------------------------------|--|---------------------------------------|--|
| ECO55_10          | 1                         | 598166 | 312262 | 0.97                                     | 3.57   | 4.54                                      | 1.03                                     | 3.57   | 4.61                                      | 0.56                                  | 56.37%                                 | 0.34                                  | 33.73%                                 | 0.07                                  | 6.64%                                  |
| ECO55_20          | 1                         | 598163 | 312253 | 0.50                                     | 3.57   | 4.07                                      | 0.53                                     | 3.57   | 4.10                                      | 0.32                                  | 32.23%                                 | 0.17                                  | 17.42%                                 | 0.03                                  | 3.45%                                  |
| ECO55_30          | 1                         | 598161 | 312243 | 0.32                                     | 3.57   | 3.89                                      | 0.35                                     | 3.57   | 3.92                                      | 0.23                                  | 23.40%                                 | 0.11                                  | 11.37%                                 | 0.02                                  | 2.26%                                  |
| ECO55_40          | 1                         | 598158 | 312233 | 0.24                                     | 3.57   | 3.81                                      | 0.25                                     | 3.57   | 3.82                                      | 0.19                                  | 18.97%                                 | 0.08                                  | 8.30%                                  | 0.02                                  | 1.66%                                  |
| ECO55_50          | 1                         | 598156 | 312224 | 0.18                                     | 3.57   | 3.76                                      | 0.20                                     | 3.57   | 3.77                                      | 0.16                                  | 16.33%                                 | 0.06                                  | 6.47%                                  | 0.01                                  | 1.29%                                  |
| ECO55_60          | 1                         | 598153 | 312214 | 0.15                                     | 3.57   | 3.72                                      | 0.16                                     | 3.57   | 3.73                                      | 0.15                                  | 14.62%                                 | 0.05                                  | 5.26%                                  | 0.01                                  | 1.06%                                  |
| ECO55_70          | 1                         | 598151 | 312204 | 0.13                                     | 3.57   | 3.70                                      | 0.13                                     | 3.57   | 3.71                                      | 0.13                                  | 13.40%                                 | 0.04                                  | 4.41%                                  | 0.01                                  | 0.89%                                  |
| ECO55_80          | 1                         | 598149 | 312194 | 0.11                                     | 3.57   | 3.68                                      | 0.12                                     | 3.57   | 3.69                                      | 0.13                                  | 12.51%                                 | 0.04                                  | 3.78%                                  | 0.01                                  | 0.76%                                  |
| ECO55_90          | 1                         | 598146 | 312185 | 0.09                                     | 3.57   | 3.67                                      | 0.10                                     | 3.57   | 3.67                                      | 0.12                                  | 11.82%                                 | 0.03                                  | 3.30%                                  | 0.01                                  | 0.67%                                  |
| ECO55_100         | 1                         | 598144 | 312175 | 0.08                                     | 3.57   | 3.65                                      | 0.09                                     | 3.57   | 3.66                                      | 0.11                                  | 11.29%                                 | 0.03                                  | 2.92%                                  | 0.01                                  | 0.59%                                  |
| ECO55_110         | 1                         | 598141 | 312165 | 0.07                                     | 3.57   | 3.65                                      | 0.08                                     | 3.57   | 3.65                                      | 0.11                                  | 10.85%                                 | 0.03                                  | 2.61%                                  | 0.01                                  | 0.53%                                  |
| ECO55_120         | 1                         | 598139 | 312156 | 0.07                                     | 3.57   | 3.64                                      | 0.07                                     | 3.57   | 3.64                                      | 0.10                                  | 10.50%                                 | 0.02                                  | 2.36%                                  | 0.00                                  | 0.48%                                  |
| ECO55_130         | 1                         | 598136 | 312146 | 0.06                                     | 3.57   | 3.63                                      | 0.07                                     | 3.57   | 3.64                                      | 0.10                                  | 10.20%                                 | 0.02                                  | 2.15%                                  | 0.00                                  | 0.44%                                  |
| ECO55_140         | 1                         | 598134 | 312136 | 0.06                                     | 3.57   | 3.63                                      | 0.06                                     | 3.57   | 3.63                                      | 0.10                                  | 9.95%                                  | 0.02                                  | 1.97%                                  | 0.00                                  | 0.40%                                  |
| ECO55_150         | 1                         | 598132 | 312127 | 0.05                                     | 3.57   | 3.62                                      | 0.06                                     | 3.57   | 3.63                                      | 0.10                                  | 9.73%                                  | 0.02                                  | 1.82%                                  | 0.00                                  | 0.37%                                  |
| ECO55_160         | 1                         | 598129 | 312117 | 0.05                                     | 3.57   | 3.62                                      | 0.05                                     | 3.57   | 3.62                                      | 0.10                                  | 9.55%                                  | 0.02                                  | 1.68%                                  | 0.00                                  | 0.35%                                  |
| ECO55_170         | 1                         | 598127 | 312107 | 0.05                                     | 3.57   | 3.62                                      | 0.05                                     | 3.57   | 3.62                                      | 0.09                                  | 9.38%                                  | 0.02                                  | 1.57%                                  | 0.00                                  | 0.32%                                  |
| ECO55_180         | 1                         | 598124 | 312097 | 0.04                                     | 3.57   | 3.61                                      | 0.05                                     | 3.57   | 3.62                                      | 0.09                                  | 9.24%                                  | 0.01                                  | 1.47%                                  | 0.00                                  | 0.30%                                  |
| ECO55_190         | 1                         | 598122 | 312088 | 0.04                                     | 3.57   | 3.61                                      | 0.04                                     | 3.57   | 3.61                                      | 0.09                                  | 9.11%                                  | 0.01                                  | 1.38%                                  | 0.00                                  | 0.29%                                  |
| ECO55_200         | 1                         | 598119 | 312078 | 0.04                                     | 3.57   | 3.61                                      | 0.04                                     | 3.57   | 3.61                                      | 0.09                                  | 9.00%                                  | 0.01                                  | 1.30%                                  | 0.00                                  | 0.27%                                  |
| ECO34_170         | 1                         | 608889 | 312347 | 0.06                                     | 3.06   | 3.12                                      | 0.07                                     | 3.06   | 3.13                                      | 0.11                                  | 10.88%                                 | 0.04                                  | 4.25%                                  | 0.01                                  | 0.97%                                  |
| ECO34_180         | 1                         | 608886 | 312337 | 0.06                                     | 3.06   | 3.12                                      | 0.07                                     | 3.06   | 3.13                                      | 0.11                                  | 10.58%                                 | 0.04                                  | 3.97%                                  | 0.01                                  | 0.92%                                  |
| ECO34_190         | 1                         | 608884 | 312327 | 0.05                                     | 3.06   | 3.12                                      | 0.06                                     | 3.06   | 3.12                                      | 0.10                                  | 10.31%                                 | 0.04                                  | 3.73%                                  | 0.01                                  | 0.87%                                  |
| ECO34_200         | 1                         | 608882 | 312318 | 0.05                                     | 3.06   | 3.11                                      | 0.06                                     | 3.06   | 3.12                                      | 0.10                                  | 10.08%                                 | 0.04                                  | 3.51%                                  | 0.01                                  | 0.83%                                  |
| ECO17_130         | 1                         | 609935 | 311777 | 0.02                                     | 3.06   | 3.09                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.46%                                  | 0.01                                  | 0.94%                                  | 0.01                                  | 0.66%                                  |
| ECO17_140         | 1                         | 609929 | 311769 | 0.02                                     | 3.06   | 3.09                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.43%                                  | 0.01                                  | 0.91%                                  | 0.01                                  | 0.64%                                  |
| ECO17_150         | 1                         | 609923 | 311761 | 0.02                                     | 3.06   | 3.09                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.40%                                  | 0.01                                  | 0.89%                                  | 0.01                                  | 0.62%                                  |
| ECO17_160         | 1                         | 609917 | 311753 | 0.02                                     | 3.06   | 3.08                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.37%                                  | 0.01                                  | 0.87%                                  | 0.01                                  | 0.61%                                  |
| ECO17_170         | 1                         | 609911 | 311745 | 0.02                                     | 3.06   | 3.08                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.34%                                  | 0.01                                  | 0.85%                                  | 0.01                                  | 0.59%                                  |
| ECO17_180         | 1                         | 609905 | 311737 | 0.02                                     | 3.06   | 3.08                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.31%                                  | 0.01                                  | 0.82%                                  | 0.01                                  | 0.58%                                  |
| ECO17_190         | 1                         | 609899 | 311729 | 0.02                                     | 3.06   | 3.08                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.28%                                  | 0.01                                  | 0.80%                                  | 0.01                                  | 0.56%                                  |
| ECO17_200         | 1                         | 609893 | 311721 | 0.02                                     | 3.06   | 3.08                                      | 0.03                                     | 3.06   | 3.09                                      | 0.07                                  | 7.26%                                  | 0.01                                  | 0.78%                                  | 0.01                                  | 0.55%                                  |
| ECO3_10           | 1                         | 611461 | 311187 | 0.30                                     | 2.96   | 3.26                                      | 0.32                                     | 2.96   | 3.28                                      | -1.05                                 | -104.58%                               | -1.45                                 | -145.46%                               | 0.02                                  | 1.91%                                  |
| ECO3_20           | 1                         | 611460 | 311197 | 0.27                                     | 2.96   | 3.23                                      | 0.29                                     | 2.96   | 3.24                                      | -0.39                                 | -38.52%                                | -0.61                                 | -61.30%                                | 0.02                                  | 1.70%                                  |
| ECO3_30           | 1                         | 611460 | 311207 | 0.24                                     | 2.96   | 3.20                                      | 0.26                                     | 2.96   | 3.22                                      | -0.16                                 | -16.17%                                | -0.33                                 | -32.72%                                | 0.02                                  | 1.54%                                  |
| ECO3_40           | 1                         | 611460 | 311217 | 0.22                                     | 2.96   | 3.18                                      | 0.24                                     | 2.96   | 3.19                                      | -0.06                                 | -5.79%                                 | -0.19                                 | -19.33%                                | 0.01                                  | 1.40%                                  |
| ECO3_50           | 1                         | 611460 | 311227 | 0.20                                     | 2.96   | 3.16                                      | 0.22                                     | 2.96   | 3.18                                      | 0.00                                  | -0.17%                                 | -0.12                                 | -11.97%                                | 0.01                                  | 1.28%                                  |
| ECO3_60           | 1                         | 611459 | 311237 | 0.19                                     | 2.96   | 3.15                                      | 0.20                                     | 2.96   | 3.16                                      | 0.03                                  | 3.17%                                  | -0.08                                 | -7.51%                                 | 0.01                                  | 1.19%                                  |
| ECO3_70           | 1                         | 611459 | 311247 | 0.18                                     | 2.96   | 3.13                                      | 0.19                                     | 2.96   | 3.15                                      | 0.05                                  | 5.29%                                  | -0.05                                 | -4.62%                                 | 0.01                                  | 1.10%                                  |
| ECO3_80           | 1                         | 611459 | 311257 | 0.16                                     | 2.96   | 3.12                                      | 0.17                                     | 2.96   | 3.13                                      | 0.07                                  | 6.70%                                  | -0.03                                 | -2.66%                                 | 0.01                                  | 1.03%                                  |
| ECO3_90           | 1                         | 611459 | 311266 | 0.15                                     | 2.96   | 3.11                                      | 0.16                                     | 2.96   | 3.12                                      | 0.08                                  | 7.65%                                  | -0.01                                 | -1.29%                                 | 0.01                                  | 0.97%                                  |
| ECO3_100          | 1                         | 611458 | 311276 | 0.15                                     | 2.96   | 3.10                                      | 0.15                                     | 2.96   | 3.11                                      | 0.08                                  | 8.31%                                  | 0.00                                  | -0.30%                                 | 0.01                                  | 0.92%                                  |
| ECO3_110          | 1                         | 611458 | 311286 | 0.14                                     | 2.96   | 3.10                                      | 0.15                                     | 2.96   | 3.11                                      | 0.09                                  | 8.78%                                  | 0.00                                  | 0.43%                                  | 0.01                                  | 0.87%                                  |
| ECO3_120          | 1                         | 611458 | 311296 | 0.13                                     | 2.96   | 3.09                                      | 0.14                                     | 2.96   | 3.10                                      | 0.09                                  | 9.12%                                  | 0.01                                  | 0.98%                                  | 0.01                                  | 0.82%                                  |
| ECO3_130          | 1                         | 611458 | 311306 | 0.12                                     | 2.96   | 3.08                                      | 0.13                                     | 2.96   | 3.09                                      | 0.09                                  | 9.35%                                  | 0.01                                  | 1.40%                                  | 0.01                                  | 0.79%                                  |
| ECO3_140          | 1                         | 611457 | 311316 | 0.12                                     | 2.96   | 3.08                                      | 0.13                                     | 2.96   | 3.09                                      | 0.10                                  | 9.52%                                  | 0.02                                  | 1.72%                                  | 0.01                                  | 0.75%                                  |
| ECO3_150          | 1                         | 611457 | 311326 | 0.11                                     | 2.96   | 3.07                                      | 0.12                                     | 2.96   | 3.08                                      | 0.10                                  | 9.64%                                  | 0.02                                  | 1.97%                                  | 0.01                                  | 0.72%                                  |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO3_160          | 1                                 | 611457 | 311336 | 0.11   | 2.96   | 3.07  | 0.12   | 2.96   | 3.08  | 0.10  | 9.72%                                  | 0.02  | 2.16%                                  | 0.01  | 0.69%                                  |
| ECO3_170          | 1                                 | 611456 | 311346 | 0.11   | 2.96   | 3.06  | 0.11   | 2.96   | 3.07  | 0.10  | 9.77%                                  | 0.02  | 2.31%                                  | 0.01  | 0.67%                                  |
| ECO3_180          | 1                                 | 611456 | 311356 | 0.10   | 2.96   | 3.06  | 0.11   | 2.96   | 3.07  | 0.10  | 9.80%                                  | 0.02  | 2.42%                                  | 0.01  | 0.65%                                  |
| ECO3_190          | 1                                 | 611456 | 311366 | 0.10   | 2.96   | 3.06  | 0.10   | 2.96   | 3.06  | 0.10  | 9.81%                                  | 0.03  | 2.51%                                  | 0.01  | 0.63%                                  |
| ECO3_200          | 1                                 | 611456 | 311376 | 0.09   | 2.96   | 3.05  | 0.10   | 2.96   | 3.06  | 0.10  | 9.81%                                  | 0.03  | 2.58%                                  | 0.01  | 0.61%                                  |
| ECO60_20          | 1                                 | 614627 | 310988 | 1.09   | 2.86   | 3.95  | 1.12   | 2.86   | 3.98  | 0.55  | 55.31%                                 | 0.31  | 31.12%                                 | 0.02  | 2.31%                                  |
| ECO60_30          | 1                                 | 614630 | 310998 | 0.74   | 2.86   | 3.60  | 0.76   | 2.86   | 3.62  | 0.39  | 39.30%                                 | 0.21  | 21.34%                                 | 0.01  | 1.44%                                  |
| ECO60_40          | 1                                 | 614632 | 311008 | 0.56   | 2.86   | 3.42  | 0.57   | 2.86   | 3.43  | 0.31  | 30.93%                                 | 0.16  | 16.18%                                 | 0.01  | 1.01%                                  |
| ECO60_50          | 1                                 | 614634 | 311017 | 0.45   | 2.86   | 3.30  | 0.45   | 2.86   | 3.31  | 0.26  | 25.81%                                 | 0.13  | 12.99%                                 | 0.01  | 0.76%                                  |
| ECO60_60          | 1                                 | 614637 | 311027 | 0.37   | 2.86   | 3.23  | 0.38   | 2.86   | 3.23  | 0.22  | 22.40%                                 | 0.11  | 10.85%                                 | 0.01  | 0.60%                                  |
| ECO60_70          | 1                                 | 614639 | 311037 | 0.32   | 2.86   | 3.17  | 0.32   | 2.86   | 3.18  | 0.20  | 19.96%                                 | 0.09  | 9.31%                                  | 0.00  | 0.49%                                  |
| ECO60_80          | 1                                 | 614641 | 311047 | 0.28   | 2.86   | 3.13  | 0.28   | 2.86   | 3.14  | 0.18  | 18.14%                                 | 0.08  | 8.15%                                  | 0.00  | 0.41%                                  |
| ECO60_90          | 1                                 | 614644 | 311056 | 0.24   | 2.86   | 3.10  | 0.25   | 2.86   | 3.10  | 0.17  | 16.73%                                 | 0.07  | 7.24%                                  | 0.00  | 0.35%                                  |
| ECO60_100         | 1                                 | 614646 | 311066 | 0.22   | 2.86   | 3.08  | 0.22   | 2.86   | 3.08  | 0.16  | 15.61%                                 | 0.07  | 6.52%                                  | 0.00  | 0.30%                                  |
| ECO60_110         | 1                                 | 614648 | 311076 | 0.20   | 2.86   | 3.06  | 0.20   | 2.86   | 3.06  | 0.15  | 14.69%                                 | 0.06  | 5.93%                                  | 0.00  | 0.27%                                  |
| ECO60_120         | 1                                 | 614651 | 311085 | 0.18   | 2.86   | 3.04  | 0.18   | 2.86   | 3.04  | 0.14  | 13.93%                                 | 0.05  | 5.44%                                  | 0.00  | 0.24%                                  |
| ECO60_130         | 1                                 | 614653 | 311095 | 0.17   | 2.86   | 3.02  | 0.17   | 2.86   | 3.03  | 0.13  | 13.29%                                 | 0.05  | 5.02%                                  | 0.00  | 0.21%                                  |
| ECO60_140         | 1                                 | 614656 | 311105 | 0.15   | 2.86   | 3.01  | 0.16   | 2.86   | 3.01  | 0.13  | 12.75%                                 | 0.05  | 4.67%                                  | 0.00  | 0.19%                                  |
| ECO60_150         | 1                                 | 614658 | 311115 | 0.14   | 2.86   | 3.00  | 0.15   | 2.86   | 3.00  | 0.12  | 12.27%                                 | 0.04  | 4.36%                                  | 0.00  | 0.18%                                  |
| ECO60_160         | 1                                 | 614660 | 311124 | 0.13   | 2.86   | 2.99  | 0.14   | 2.86   | 2.99  | 0.12  | 11.86%                                 | 0.04  | 4.09%                                  | 0.00  | 0.16%                                  |
| ECO60_170         | 1                                 | 614663 | 311134 | 0.13   | 2.86   | 2.98  | 0.13   | 2.86   | 2.99  | 0.12  | 11.50%                                 | 0.04  | 3.85%                                  | 0.00  | 0.15%                                  |
| ECO60_180         | 1                                 | 614665 | 311144 | 0.12   | 2.86   | 2.98  | 0.12   | 2.86   | 2.98  | 0.11  | 11.18%                                 | 0.04  | 3.64%                                  | 0.00  | 0.14%                                  |
| ECO60_190         | 1                                 | 614667 | 311153 | 0.11   | 2.86   | 2.97  | 0.11   | 2.86   | 2.97  | 0.11  | 10.89%                                 | 0.03  | 3.46%                                  | 0.00  | 0.13%                                  |
| ECO60_200         | 1                                 | 614670 | 311163 | 0.11   | 2.86   | 2.96  | 0.11   | 2.86   | 2.97  | 0.11  | 10.64%                                 | 0.03  | 3.29%                                  | 0.00  | 0.12%                                  |
| ECO48_10          | 1                                 | 620635 | 309693 | 1.91   | 2.76   | 4.66  | 1.77   | 2.76   | 4.52  | 0.33  | 32.60%                                 | 0.01  | 1.28%                                  | -0.14   | -13.88%                                |
| ECO48_20          | 1                                 | 620645 | 309693 | 1.00   | 2.76   | 3.76  | 0.93   | 2.76   | 3.69  | 0.19  | 19.40%                                 | 0.01  | 0.96%                                  | -0.07   | -7.13%                                 |
| ECO48_30          | 1                                 | 620655 | 309693 | 0.68   | 2.76   | 3.43  | 0.63   | 2.76   | 3.39  | 0.15  | 14.89%                                 | 0.01  | 0.84%                                  | -0.05   | -4.67%                                 |
| ECO48_40          | 1                                 | 620665 | 309693 | 0.51   | 2.76   | 3.27  | 0.48   | 2.76   | 3.23  | 0.13  | 12.67%                                 | 0.01  | 0.79%                                  | -0.03   | -3.42%                                 |
| ECO48_50          | 1                                 | 620675 | 309693 | 0.41   | 2.76   | 3.17  | 0.39   | 2.76   | 3.14  | 0.11  | 11.36%                                 | 0.01  | 0.76%                                  | -0.03   | -2.67%                                 |
| ECO48_60          | 1                                 | 620685 | 309693 | 0.35   | 2.76   | 3.10  | 0.32   | 2.76   | 3.08  | 0.11  | 10.51%                                 | 0.01  | 0.74%                                  | -0.02   | -2.17%                                 |
| ECO48_70          | 1                                 | 620695 | 309693 | 0.30   | 2.76   | 3.06  | 0.28   | 2.76   | 3.04  | 0.10  | 9.92%                                  | 0.01  | 0.73%                                  | -0.02   | -1.82%                                 |
| ECO48_80          | 1                                 | 620705 | 309693 | 0.27   | 2.76   | 3.02  | 0.25   | 2.76   | 3.00  | 0.09  | 9.48%                                  | 0.01  | 0.72%                                  | -0.02   | -1.56%                                 |
| ECO48_90          | 1                                 | 620715 | 309694 | 0.24   | 2.76   | 2.99  | 0.22   | 2.76   | 2.98  | 0.09  | 9.15%                                  | 0.01  | 0.72%                                  | -0.01   | -1.35%                                 |
| ECO48_100         | 1                                 | 620725 | 309694 | 0.22   | 2.76   | 2.97  | 0.20   | 2.76   | 2.96  | 0.09  | 8.89%                                  | 0.01  | 0.72%                                  | -0.01   | -1.19%                                 |
| ECO48_110         | 1                                 | 620735 | 309694 | 0.20   | 2.76   | 2.95  | 0.19   | 2.76   | 2.94  | 0.09  | 8.67%                                  | 0.01  | 0.72%                                  | -0.01   | -1.06%                                 |
| ECO48_120         | 1                                 | 620745 | 309694 | 0.18   | 2.76   | 2.94  | 0.17   | 2.76   | 2.93  | 0.09  | 8.50%                                  | 0.01  | 0.72%                                  | -0.01   | -0.95%                                 |
| ECO48_130         | 1                                 | 620755 | 309694 | 0.17   | 2.76   | 2.93  | 0.16   | 2.76   | 2.92  | 0.08  | 8.36%                                  | 0.01  | 0.72%                                  | -0.01   | -0.86%                                 |
| ECO48_140         | 1                                 | 620765 | 309694 | 0.16   | 2.76   | 2.92  | 0.15   | 2.76   | 2.91  | 0.08  | 8.23%                                  | 0.01  | 0.72%                                  | -0.01   | -0.78%                                 |
| ECO48_150         | 1                                 | 620775 | 309694 | 0.15   | 2.76   | 2.91  | 0.15   | 2.76   | 2.90  | 0.08  | 8.13%                                  | 0.01  | 0.72%                                  | -0.01   | -0.71%                                 |
| ECO48_160         | 1                                 | 620785 | 309695 | 0.14   | 2.76   | 2.90  | 0.14   | 2.76   | 2.89  | 0.08  | 8.04%                                  | 0.01  | 0.72%                                  | -0.01   | -0.65%                                 |
| ECO48_170         | 1                                 | 620795 | 309695 | 0.14   | 2.76   | 2.89  | 0.13   | 2.76   | 2.89  | 0.08  | 7.95%                                  | 0.01  | 0.72%                                  | -0.01   | -0.60%                                 |
| ECO48_180         | 1                                 | 620805 | 309695 | 0.13   | 2.76   | 2.89  | 0.13   | 2.76   | 2.88  | 0.08  | 7.88%                                  | 0.01  | 0.72%                                  | -0.01   | -0.55%                                 |
| ECO48_190         | 1                                 | 620815 | 309695 | 0.13   | 2.76   | 2.88  | 0.12   | 2.76   | 2.88  | 0.08  | 7.81%                                  | 0.01  | 0.72%                                  | -0.01   | -0.51%                                 |
| ECO48_200         | 1                                 | 620825 | 309695 | 0.12   | 2.76   | 2.88  | 0.12   | 2.76   | 2.87  | 0.08  | 7.75%                                  | 0.01  | 0.73%                                  | 0.00  | -0.48%                                 |
| ECO26_100         | 1                                 | 616441 | 312014 | 0.08   | 2.65   | 2.73  | 0.07   | 2.65   | 2.72  | 0.07  | 7.45%                                  | 0.01  | 1.25%                                  | -0.01   | -1.07%                                 |
| ECO26_110         | 1                                 | 616450 | 312017 | 0.08   | 2.65   | 2.73  | 0.07   | 2.65   | 2.72  | 0.07  | 7.37%                                  | 0.01  | 1.21%                                  | -0.01   | -0.96%                                 |
| ECO26_120         | 1                                 | 616459 | 312020 | 0.07   | 2.65   | 2.72  | 0.06   | 2.65   | 2.72  | 0.07  | 7.30%                                  | 0.01  | 1.18%                                  | -0.01   | -0.88%                                 |
| ECO26_130         | 1                                 | 616469 | 312024 | 0.07   | 2.65   | 2.72  | 0.06   | 2.65   | 2.71  | 0.07  | 7.24%                                  | 0.01  | 1.16%                                  | -0.01   | -0.81%                                 |
| ECO26_140         | 1                                 | 616478 | 312027 | 0.07   | 2.65   | 2.72  | 0.06   | 2.65   | 2.71  | 0.07  | 7.19%                                  | 0.01  | 1.13%                                  | -0.01   | -0.74%                                 |

| Receptor ID point | CLvl (µg/m³) | x      | y      | 3. DM 2044 Road NH3 (µg/m³) | 3. DM 2044 Background NH3 (µg/m³) | 3. DM 2044 Total NH3 (µg/m³) | 4. DS 2044 Road NH3 (µg/m³) | 4. DS 2044 Background NH3 (µg/m³) | 4. DS 2044 Total NH3 (µg/m³) | 4.-1. Change NH3 (µg/m³) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 (µg/m³) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 (µg/m³) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|--------------|--------|--------|-----------------------------|-----------------------------------|------------------------------|-----------------------------|-----------------------------------|------------------------------|--------------------------|--|--------------------------|--|--------------------------|--|
| ECO26_150         | 1            | 616488 | 312030 | 0.06                        | 2.65                              | 2.72                         | 0.06                        | 2.65                              | 2.71                         | 0.07                     | 7.15%                                  | 0.01                     | 1.11%                                  | -0.01                    | -0.69%                                 |
| ECO26_160         | 1            | 616497 | 312033 | 0.06                        | 2.65                              | 2.71                         | 0.05                        | 2.65                              | 2.71                         | 0.07                     | 7.11%                                  | 0.01                     | 1.10%                                  | -0.01                    | -0.65%                                 |
| ECO26_170         | 1            | 616507 | 312037 | 0.06                        | 2.65                              | 2.71                         | 0.05                        | 2.65                              | 2.71                         | 0.07                     | 7.07%                                  | 0.01                     | 1.08%                                  | -0.01                    | -0.61%                                 |
| ECO26_180         | 1            | 616516 | 312040 | 0.06                        | 2.65                              | 2.71                         | 0.05                        | 2.65                              | 2.70                         | 0.07                     | 7.04%                                  | 0.01                     | 1.07%                                  | -0.01                    | -0.57%                                 |
| ECO26_190         | 1            | 616526 | 312043 | 0.06                        | 2.65                              | 2.71                         | 0.05                        | 2.65                              | 2.70                         | 0.07                     | 7.02%                                  | 0.01                     | 1.05%                                  | -0.01                    | -0.54%                                 |
| ECO26_200         | 1            | 616535 | 312047 | 0.05                        | 2.65                              | 2.71                         | 0.05                        | 2.65                              | 2.70                         | 0.07                     | 6.99%                                  | 0.01                     | 1.04%                                  | -0.01                    | -0.51%                                 |
| ECO8_10           | 1            | 615948 | 313513 | 0.28                        | 2.86                              | 3.14                         | 0.23                        | 2.86                              | 3.08                         | 0.11                     | 11.04%                                 | 0.02                     | 2.43%                                  | -0.06                    | -5.84%                                 |
| ECO8_20           | 1            | 615938 | 313514 | 0.14                        | 2.86                              | 3.00                         | 0.12                        | 2.86                              | 2.97                         | 0.09                     | 8.55%                                  | 0.01                     | 1.40%                                  | -0.03                    | -2.72%                                 |
| ECO8_30           | 1            | 615928 | 313514 | 0.09                        | 2.86                              | 2.95                         | 0.08                        | 2.86                              | 2.93                         | 0.08                     | 7.71%                                  | 0.01                     | 1.05%                                  | -0.02                    | -1.64%                                 |
| ECO8_40           | 1            | 615918 | 313514 | 0.07                        | 2.86                              | 2.93                         | 0.06                        | 2.86                              | 2.92                         | 0.07                     | 7.31%                                  | 0.01                     | 0.88%                                  | -0.01                    | -1.12%                                 |
| ECO8_50           | 1            | 615908 | 313514 | 0.06                        | 2.86                              | 2.91                         | 0.05                        | 2.86                              | 2.91                         | 0.07                     | 7.09%                                  | 0.01                     | 0.78%                                  | -0.01                    | -0.82%                                 |
| ECO8_60           | 1            | 615898 | 313514 | 0.05                        | 2.86                              | 2.90                         | 0.04                        | 2.86                              | 2.90                         | 0.07                     | 6.94%                                  | 0.01                     | 0.72%                                  | -0.01                    | -0.63%                                 |
| ECO8_70           | 1            | 615888 | 313515 | 0.04                        | 2.86                              | 2.90                         | 0.04                        | 2.86                              | 2.89                         | 0.07                     | 6.85%                                  | 0.01                     | 0.67%                                  | -0.01                    | -0.50%                                 |
| ECO8_80           | 1            | 615878 | 313515 | 0.04                        | 2.86                              | 2.89                         | 0.03                        | 2.86                              | 2.89                         | 0.07                     | 6.78%                                  | 0.01                     | 0.64%                                  | 0.00                     | -0.41%                                 |
| ECO8_90           | 1            | 615868 | 313515 | 0.03                        | 2.86                              | 2.89                         | 0.03                        | 2.86                              | 2.89                         | 0.07                     | 6.72%                                  | 0.01                     | 0.62%                                  | 0.00                     | -0.34%                                 |
| ECO8_100          | 1            | 615858 | 313515 | 0.03                        | 2.86                              | 2.89                         | 0.03                        | 2.86                              | 2.89                         | 0.07                     | 6.68%                                  | 0.01                     | 0.60%                                  | 0.00                     | -0.28%                                 |
| ECO8_110          | 1            | 615848 | 313516 | 0.03                        | 2.86                              | 2.89                         | 0.03                        | 2.86                              | 2.88                         | 0.07                     | 6.65%                                  | 0.01                     | 0.59%                                  | 0.00                     | -0.24%                                 |
| ECO8_120          | 1            | 615838 | 313516 | 0.03                        | 2.86                              | 2.89                         | 0.03                        | 2.86                              | 2.88                         | 0.07                     | 6.62%                                  | 0.01                     | 0.58%                                  | 0.00                     | -0.20%                                 |
| ECO8_130          | 1            | 615828 | 313516 | 0.03                        | 2.86                              | 2.88                         | 0.03                        | 2.86                              | 2.88                         | 0.07                     | 6.60%                                  | 0.01                     | 0.57%                                  | 0.00                     | -0.18%                                 |
| ECO8_140          | 1            | 615818 | 313516 | 0.03                        | 2.86                              | 2.88                         | 0.02                        | 2.86                              | 2.88                         | 0.07                     | 6.58%                                  | 0.01                     | 0.56%                                  | 0.00                     | -0.15%                                 |
| ECO8_150          | 1            | 615808 | 313516 | 0.02                        | 2.86                              | 2.88                         | 0.02                        | 2.86                              | 2.88                         | 0.07                     | 6.57%                                  | 0.01                     | 0.55%                                  | 0.00                     | -0.13%                                 |
| ECO8_160          | 1            | 615798 | 313517 | 0.02                        | 2.86                              | 2.88                         | 0.02                        | 2.86                              | 2.88                         | 0.07                     | 6.55%                                  | 0.01                     | 0.55%                                  | 0.00                     | -0.11%                                 |
| ECO8_170          | 1            | 615788 | 313517 | 0.02                        | 2.86                              | 2.88                         | 0.02                        | 2.86                              | 2.88                         | 0.07                     | 6.54%                                  | 0.01                     | 0.54%                                  | 0.00                     | -0.10%                                 |
| ECO8_180          | 1            | 615778 | 313517 | 0.02                        | 2.86                              | 2.88                         | 0.02                        | 2.86                              | 2.88                         | 0.07                     | 6.53%                                  | 0.01                     | 0.54%                                  | 0.00                     | -0.08%                                 |
| ECO8_190          | 1            | 615768 | 313517 | 0.02                        | 2.86                              | 2.88                         | 0.02                        | 2.86                              | 2.88                         | 0.07                     | 6.52%                                  | 0.01                     | 0.53%                                  | 0.00                     | -0.07%                                 |
| ECO8_200          | 1            | 615758 | 313517 | 0.02                        | 2.86                              | 2.88                         | 0.02                        | 2.86                              | 2.88                         | 0.07                     | 6.51%                                  | 0.01                     | 0.53%                                  | 0.00                     | -0.06%                                 |
| ECO50_10          | 1            | 614139 | 313697 | 0.18                        | 2.96                              | 3.14                         | 0.04                        | 2.96                              | 3.00                         | -0.07                    | -7.31%                                 | -0.16                    | -16.31%                                | -0.13                    | -13.41%                                |
| ECO50_20          | 1            | 614131 | 313691 | 0.10                        | 2.96                              | 3.06                         | 0.03                        | 2.96                              | 2.99                         | 0.00                     | -0.43%                                 | -0.08                    | -8.02%                                 | -0.07                    | -6.57%                                 |
| ECO50_30          | 1            | 614123 | 313684 | 0.07                        | 2.96                              | 3.03                         | 0.03                        | 2.96                              | 2.99                         | 0.02                     | 2.08%                                  | -0.05                    | -5.01%                                 | -0.04                    | -4.08%                                 |
| ECO50_40          | 1            | 614115 | 313678 | 0.05                        | 2.96                              | 3.01                         | 0.03                        | 2.96                              | 2.99                         | 0.03                     | 3.34%                                  | -0.04                    | -3.52%                                 | -0.03                    | -2.83%                                 |
| ECO50_50          | 1            | 614108 | 313672 | 0.05                        | 2.96                              | 3.01                         | 0.03                        | 2.96                              | 2.98                         | 0.04                     | 4.08%                                  | -0.03                    | -2.65%                                 | -0.02                    | -2.09%                                 |
| ECO50_60          | 1            | 614100 | 313666 | 0.04                        | 2.96                              | 3.00                         | 0.02                        | 2.96                              | 2.98                         | 0.05                     | 4.54%                                  | -0.02                    | -2.11%                                 | -0.02                    | -1.61%                                 |
| ECO50_70          | 1            | 614092 | 313659 | 0.04                        | 2.96                              | 3.00                         | 0.02                        | 2.96                              | 2.98                         | 0.05                     | 4.86%                                  | -0.02                    | -1.73%                                 | -0.01                    | -1.27%                                 |
| ECO50_80          | 1            | 614084 | 313653 | 0.03                        | 2.96                              | 2.99                         | 0.02                        | 2.96                              | 2.98                         | 0.05                     | 5.08%                                  | -0.01                    | -1.47%                                 | -0.01                    | -1.03%                                 |
| ECO50_90          | 1            | 614077 | 313647 | 0.03                        | 2.96                              | 2.99                         | 0.02                        | 2.96                              | 2.98                         | 0.05                     | 5.25%                                  | -0.01                    | -1.28%                                 | -0.01                    | -0.84%                                 |
| ECO50_100         | 1            | 614069 | 313640 | 0.03                        | 2.96                              | 2.99                         | 0.02                        | 2.96                              | 2.98                         | 0.05                     | 5.37%                                  | -0.01                    | -1.15%                                 | -0.01                    | -0.69%                                 |
| ECO50_110         | 1            | 614061 | 313634 | 0.03                        | 2.96                              | 2.99                         | 0.02                        | 2.96                              | 2.98                         | 0.05                     | 5.46%                                  | -0.01                    | -1.04%                                 | -0.01                    | -0.58%                                 |
| ECO50_120         | 1            | 614053 | 313628 | 0.03                        | 2.96                              | 2.99                         | 0.02                        | 2.96                              | 2.98                         | 0.06                     | 5.52%                                  | -0.01                    | -0.96%                                 | 0.00                     | -0.48%                                 |
| ECO50_130         | 1            | 614046 | 313621 | 0.03                        | 2.96                              | 2.99                         | 0.02                        | 2.96                              | 2.98                         | 0.06                     | 5.58%                                  | -0.01                    | -0.90%                                 | 0.00                     | -0.40%                                 |
| ECO50_140         | 1            | 614038 | 313615 | 0.03                        | 2.96                              | 2.98                         | 0.02                        | 2.96                              | 2.98                         | 0.06                     | 5.62%                                  | -0.01                    | -0.86%                                 | 0.00                     | -0.34%                                 |
| ECO65_10          | 1            | 613376 | 313966 | 0.17                        | 3.06                              | 3.23                         | 0.04                        | 3.06                              | 3.10                         | 0.07                     | 6.99%                                  | 0.00                     | 0.11%                                  | -0.13                    | -12.96%                                |
| ECO65_20          | 1            | 613367 | 313971 | 0.09                        | 3.06                              | 3.15                         | 0.03                        | 3.06                              | 3.09                         | 0.07                     | 6.98%                                  | 0.00                     | 0.40%                                  | -0.06                    | -6.27%                                 |
| ECO65_30          | 1            | 613358 | 313975 | 0.06                        | 3.06                              | 3.12                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 6.98%                                  | 0.01                     | 0.50%                                  | -0.04                    | -3.89%                                 |
| ECO65_40          | 1            | 613349 | 313979 | 0.05                        | 3.06                              | 3.11                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 6.99%                                  | 0.01                     | 0.55%                                  | -0.03                    | -2.72%                                 |
| ECO65_50          | 1            | 613340 | 313983 | 0.04                        | 3.06                              | 3.10                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 6.99%                                  | 0.01                     | 0.59%                                  | -0.02                    | -2.04%                                 |
| ECO65_60          | 1            | 613330 | 313987 | 0.04                        | 3.06                              | 3.10                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 6.99%                                  | 0.01                     | 0.61%                                  | -0.02                    | -1.60%                                 |
| ECO65_70          | 1            | 613321 | 313991 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 6.99%                                  | 0.01                     | 0.63%                                  | -0.01                    | -1.29%                                 |
| ECO65_80          | 1            | 613312 | 313995 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.00%                                  | 0.01                     | 0.64%                                  | -0.01                    | -1.06%                                 |
| ECO65_90          | 1            | 613303 | 313999 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.00%                                  | 0.01                     | 0.65%                                  | -0.01                    | -0.89%                                 |

| Receptor ID point | CLvl (µg/m³) | x      | y      | 3. DM 2044 Road NH3 (µg/m³) | 3. DM 2044 Background NH3 (µg/m³) | 3. DM 2044 Total NH3 (µg/m³) | 4. DS 2044 Road NH3 (µg/m³) | 4. DS 2044 Background NH3 (µg/m³) | 4. DS 2044 Total NH3 (µg/m³) | 4.-1. Change NH3 (µg/m³) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 (µg/m³) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 (µg/m³) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|--------------|--------|--------|-----------------------------|-----------------------------------|------------------------------|-----------------------------|-----------------------------------|------------------------------|--------------------------|--|--------------------------|--|--------------------------|--|
| ECO65_100         | 1            | 613294 | 314003 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.01%                                  | 0.01                     | 0.67%                                  | -0.01                    | -0.75%                                 |
| ECO65_110         | 1            | 613285 | 314008 | 0.02                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.02%                                  | 0.01                     | 0.68%                                  | -0.01                    | -0.64%                                 |
| ECO65_120         | 1            | 613276 | 314012 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.02%                                  | 0.01                     | 0.69%                                  | -0.01                    | -0.54%                                 |
| ECO65_130         | 1            | 613267 | 314016 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.03%                                  | 0.01                     | 0.70%                                  | 0.00                     | -0.46%                                 |
| ECO65_140         | 1            | 613257 | 314020 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.03%                                  | 0.01                     | 0.71%                                  | 0.00                     | -0.39%                                 |
| ECO65_150         | 1            | 613248 | 314024 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.04%                                  | 0.01                     | 0.72%                                  | 0.00                     | -0.33%                                 |
| ECO65_160         | 1            | 613239 | 314028 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.05%                                  | 0.01                     | 0.73%                                  | 0.00                     | -0.28%                                 |
| ECO65_170         | 1            | 613230 | 314032 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.05%                                  | 0.01                     | 0.73%                                  | 0.00                     | -0.24%                                 |
| ECO65_180         | 1            | 613221 | 314036 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.06%                                  | 0.01                     | 0.74%                                  | 0.00                     | -0.20%                                 |
| ECO65_190         | 1            | 613212 | 314041 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.06%                                  | 0.01                     | 0.75%                                  | 0.00                     | -0.16%                                 |
| ECO65_200         | 1            | 613203 | 314045 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.06%                                  | 0.01                     | 0.75%                                  | 0.00                     | -0.13%                                 |
| ECO35_90          | 1            | 614470 | 315612 | 0.10                        | 3.16                              | 3.27                         | 0.28                        | 3.16                              | 3.44                         | 0.27                     | 27.36%                                 | 0.20                     | 19.56%                                 | 0.17                     | 17.33%                                 |
| ECO35_100         | 1            | 614474 | 315621 | 0.09                        | 3.16                              | 3.26                         | 0.25                        | 3.16                              | 3.41                         | 0.25                     | 25.28%                                 | 0.18                     | 17.61%                                 | 0.16                     | 15.58%                                 |
| ECO35_110         | 1            | 614479 | 315630 | 0.09                        | 3.16                              | 3.25                         | 0.23                        | 3.16                              | 3.39                         | 0.24                     | 23.56%                                 | 0.16                     | 16.00%                                 | 0.14                     | 14.13%                                 |
| ECO35_120         | 1            | 614484 | 315639 | 0.08                        | 3.16                              | 3.24                         | 0.21                        | 3.16                              | 3.37                         | 0.22                     | 22.09%                                 | 0.15                     | 14.63%                                 | 0.13                     | 12.88%                                 |
| ECO35_130         | 1            | 614489 | 315647 | 0.07                        | 3.16                              | 3.24                         | 0.19                        | 3.16                              | 3.36                         | 0.21                     | 20.84%                                 | 0.13                     | 13.45%                                 | 0.12                     | 11.82%                                 |
| ECO35_140         | 1            | 614494 | 315656 | 0.07                        | 3.16                              | 3.23                         | 0.18                        | 3.16                              | 3.34                         | 0.20                     | 19.75%                                 | 0.12                     | 12.43%                                 | 0.11                     | 10.90%                                 |
| ECO35_150         | 1            | 614499 | 315665 | 0.07                        | 3.16                              | 3.23                         | 0.17                        | 3.16                              | 3.33                         | 0.19                     | 18.80%                                 | 0.12                     | 11.55%                                 | 0.10                     | 10.09%                                 |
| ECO35_160         | 1            | 614504 | 315673 | 0.06                        | 3.16                              | 3.22                         | 0.16                        | 3.16                              | 3.32                         | 0.18                     | 17.98%                                 | 0.11                     | 10.77%                                 | 0.09                     | 9.39%                                  |
| ECO35_170         | 1            | 614509 | 315682 | 0.06                        | 3.16                              | 3.22                         | 0.15                        | 3.16                              | 3.31                         | 0.17                     | 17.24%                                 | 0.10                     | 10.08%                                 | 0.09                     | 8.76%                                  |
| ECO35_180         | 1            | 614514 | 315691 | 0.06                        | 3.16                              | 3.22                         | 0.14                        | 3.16                              | 3.30                         | 0.17                     | 16.59%                                 | 0.09                     | 9.47%                                  | 0.08                     | 8.21%                                  |
| ECO35_190         | 1            | 614519 | 315699 | 0.05                        | 3.16                              | 3.22                         | 0.13                        | 3.16                              | 3.29                         | 0.16                     | 16.00%                                 | 0.09                     | 8.92%                                  | 0.08                     | 7.71%                                  |
| ECO35_200         | 1            | 614524 | 315708 | 0.05                        | 3.16                              | 3.21                         | 0.12                        | 3.16                              | 3.29                         | 0.15                     | 15.48%                                 | 0.08                     | 8.42%                                  | 0.07                     | 7.26%                                  |
| ECO36_10          | 1            | 613442 | 316357 | 1.08                        | 3.47                              | 4.55                         | 0.89                        | 3.47                              | 4.36                         | 0.27                     | 26.53%                                 | 0.03                     | 2.77%                                  | -0.20                    | -19.53%                                |
| ECO36_20          | 1            | 613449 | 316363 | 0.56                        | 3.47                              | 4.03                         | 0.46                        | 3.47                              | 3.93                         | 0.17                     | 17.03%                                 | 0.02                     | 1.69%                                  | -0.10                    | -9.87%                                 |
| ECO36_30          | 1            | 613457 | 316370 | 0.37                        | 3.47                              | 3.84                         | 0.30                        | 3.47                              | 3.77                         | 0.14                     | 13.79%                                 | 0.01                     | 1.41%                                  | -0.06                    | -6.20%                                 |
| ECO36_40          | 1            | 613464 | 316376 | 0.27                        | 3.47                              | 3.74                         | 0.23                        | 3.47                              | 3.70                         | 0.12                     | 12.21%                                 | 0.01                     | 1.31%                                  | -0.04                    | -4.31%                                 |
| ECO36_50          | 1            | 613472 | 316383 | 0.21                        | 3.47                              | 3.68                         | 0.18                        | 3.47                              | 3.65                         | 0.11                     | 11.29%                                 | 0.01                     | 1.24%                                  | -0.03                    | -3.20%                                 |
| ECO36_60          | 1            | 613480 | 316389 | 0.17                        | 3.47                              | 3.64                         | 0.15                        | 3.47                              | 3.62                         | 0.11                     | 10.69%                                 | 0.01                     | 1.21%                                  | -0.02                    | -2.45%                                 |
| ECO36_70          | 1            | 613487 | 316396 | 0.15                        | 3.47                              | 3.62                         | 0.13                        | 3.47                              | 3.60                         | 0.10                     | 10.27%                                 | 0.01                     | 1.18%                                  | -0.02                    | -1.93%                                 |
| ECO36_80          | 1            | 613495 | 316403 | 0.13                        | 3.47                              | 3.60                         | 0.11                        | 3.47                              | 3.58                         | 0.10                     | 9.96%                                  | 0.01                     | 1.15%                                  | -0.02                    | -1.55%                                 |
| ECO36_90          | 1            | 613502 | 316409 | 0.11                        | 3.47                              | 3.58                         | 0.10                        | 3.47                              | 3.57                         | 0.10                     | 9.72%                                  | 0.01                     | 1.14%                                  | -0.01                    | -1.26%                                 |
| ECO36_100         | 1            | 613510 | 316416 | 0.10                        | 3.47                              | 3.57                         | 0.09                        | 3.47                              | 3.56                         | 0.10                     | 9.54%                                  | 0.01                     | 1.12%                                  | -0.01                    | -1.03%                                 |
| ECO36_110         | 1            | 613517 | 316422 | 0.09                        | 3.47                              | 3.56                         | 0.08                        | 3.47                              | 3.55                         | 0.09                     | 9.39%                                  | 0.01                     | 1.11%                                  | -0.01                    | -0.84%                                 |
| ECO36_120         | 1            | 613525 | 316429 | 0.08                        | 3.47                              | 3.55                         | 0.08                        | 3.47                              | 3.55                         | 0.09                     | 9.26%                                  | 0.01                     | 1.11%                                  | -0.01                    | -0.69%                                 |
| ECO36_130         | 1            | 613533 | 316435 | 0.08                        | 3.47                              | 3.55                         | 0.07                        | 3.47                              | 3.54                         | 0.09                     | 9.16%                                  | 0.01                     | 1.10%                                  | -0.01                    | -0.56%                                 |
| ECO36_140         | 1            | 613540 | 316442 | 0.07                        | 3.47                              | 3.54                         | 0.07                        | 3.47                              | 3.54                         | 0.09                     | 9.07%                                  | 0.01                     | 1.09%                                  | 0.00                     | -0.45%                                 |
| ECO36_150         | 1            | 613548 | 316448 | 0.07                        | 3.47                              | 3.54                         | 0.06                        | 3.47                              | 3.53                         | 0.09                     | 8.99%                                  | 0.01                     | 1.08%                                  | 0.00                     | -0.36%                                 |
| ECO36_160         | 1            | 613555 | 316455 | 0.06                        | 3.47                              | 3.53                         | 0.06                        | 3.47                              | 3.53                         | 0.09                     | 8.92%                                  | 0.01                     | 1.07%                                  | 0.00                     | -0.28%                                 |
| ECO36_170         | 1            | 613563 | 316461 | 0.06                        | 3.47                              | 3.53                         | 0.06                        | 3.47                              | 3.53                         | 0.09                     | 8.86%                                  | 0.01                     | 1.07%                                  | 0.00                     | -0.21%                                 |
| ECO36_180         | 1            | 613571 | 316468 | 0.06                        | 3.47                              | 3.52                         | 0.05                        | 3.47                              | 3.52                         | 0.09                     | 8.81%                                  | 0.01                     | 1.06%                                  | 0.00                     | -0.15%                                 |
| ECO36_190         | 1            | 613578 | 316474 | 0.05                        | 3.47                              | 3.52                         | 0.05                        | 3.47                              | 3.52                         | 0.09                     | 8.76%                                  | 0.01                     | 1.05%                                  | 0.00                     | -0.10%                                 |
| ECO36_200         | 1            | 613586 | 316481 | 0.05                        | 3.47                              | 3.52                         | 0.05                        | 3.47                              | 3.52                         | 0.09                     | 8.72%                                  | 0.01                     | 1.05%                                  | 0.00                     | -0.06%                                 |
| ECO13_10          | 1            | 612938 | 317508 | 0.04                        | 3.67                              | 3.71                         | 0.13                        | 3.67                              | 3.81                         | 0.17                     | 17.31%                                 | 0.09                     | 9.09%                                  | 0.10                     | 9.85%                                  |
| ECO13_20          | 1            | 612947 | 317504 | 0.03                        | 3.67                              | 3.70                         | 0.08                        | 3.67                              | 3.75                         | 0.13                     | 12.77%                                 | 0.05                     | 4.86%                                  | 0.05                     | 5.04%                                  |
| ECO13_30          | 1            | 612956 | 317500 | 0.02                        | 3.67                              | 3.70                         | 0.06                        | 3.67                              | 3.73                         | 0.11                     | 11.10%                                 | 0.03                     | 3.30%                                  | 0.03                     | 3.27%                                  |
| ECO13_40          | 1            | 612965 | 317495 | 0.02                        | 3.67                              | 3.70                         | 0.05                        | 3.67                              | 3.72                         | 0.10                     | 10.25%                                 | 0.03                     | 2.51%                                  | 0.02                     | 2.38%                                  |
| ECO13_50          | 1            | 612974 | 317491 | 0.02                        | 3.67                              | 3.69                         | 0.04                        | 3.67                              | 3.71                         | 0.10                     | 9.75%                                  | 0.02                     | 2.04%                                  | 0.02                     | 1.85%                                  |
| ECO13_60          | 1            | 612984 | 317487 | 0.02                        | 3.67                              | 3.69                         | 0.03                        | 3.67                              | 3.71                         | 0.09                     | 9.42%                                  | 0.02                     | 1.73%                                  | 0.02                     | 1.50%                                  |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO13_70          | 1                                 | 612993 | 317483 | 0.02   | 3.67   | 3.69  | 0.03   | 3.67   | 3.71  | 0.09  | 9.19%                                  | 0.02  | 1.52%                                  | 0.01  | 1.26%                                  |
| ECO13_80          | 1                                 | 613002 | 317479 | 0.02   | 3.67   | 3.69  | 0.03   | 3.67   | 3.70  | 0.09  | 9.02%                                  | 0.01  | 1.36%                                  | 0.01  | 1.08%                                  |
| ECO13_90          | 1                                 | 613011 | 317475 | 0.02   | 3.67   | 3.69  | 0.03   | 3.67   | 3.70  | 0.09  | 8.89%                                  | 0.01  | 1.24%                                  | 0.01  | 0.94%                                  |
| ECO13_100         | 1                                 | 613020 | 317471 | 0.02   | 3.67   | 3.69  | 0.03   | 3.67   | 3.70  | 0.09  | 8.79%                                  | 0.01  | 1.15%                                  | 0.01  | 0.83%                                  |
| ECO13_110         | 1                                 | 613029 | 317467 | 0.02   | 3.67   | 3.69  | 0.03   | 3.67   | 3.70  | 0.09  | 8.71%                                  | 0.01  | 1.07%                                  | 0.01  | 0.75%                                  |
| ECO13_120         | 1                                 | 613038 | 317463 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.09  | 8.65%                                  | 0.01  | 1.01%                                  | 0.01  | 0.68%                                  |
| ECO13_130         | 1                                 | 613048 | 317459 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.09  | 8.59%                                  | 0.01  | 0.96%                                  | 0.01  | 0.62%                                  |
| ECO13_140         | 1                                 | 613057 | 317455 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.09  | 8.54%                                  | 0.01  | 0.91%                                  | 0.01  | 0.57%                                  |
| ECO13_150         | 1                                 | 613066 | 317451 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.09  | 8.50%                                  | 0.01  | 0.88%                                  | 0.01  | 0.53%                                  |
| ECO13_160         | 1                                 | 613075 | 317447 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.08  | 8.47%                                  | 0.01  | 0.84%                                  | 0.00  | 0.49%                                  |
| ECO13_170         | 1                                 | 613084 | 317443 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.08  | 8.44%                                  | 0.01  | 0.82%                                  | 0.00  | 0.46%                                  |
| ECO13_180         | 1                                 | 613093 | 317439 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.08  | 8.42%                                  | 0.01  | 0.79%                                  | 0.00  | 0.43%                                  |
| ECO13_190         | 1                                 | 613102 | 317435 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.08  | 8.39%                                  | 0.01  | 0.77%                                  | 0.00  | 0.41%                                  |
| ECO13_200         | 1                                 | 613112 | 317431 | 0.02   | 3.67   | 3.69  | 0.02   | 3.67   | 3.70  | 0.08  | 8.37%                                  | 0.01  | 0.75%                                  | 0.00  | 0.39%                                  |
| ECO31_10          | 1                                 | 610214 | 317472 | 0.22   | 3.47   | 3.69  | 0.06   | 3.47   | 3.53  | -0.07   | -7.17%                                 | -0.18   | -18.38%                                | -0.15   | -15.45%                                |
| ECO31_20          | 1                                 | 610223 | 317467 | 0.12   | 3.47   | 3.58  | 0.04   | 3.47   | 3.51  | 0.00  | 0.00%                                  | -0.09   | -9.14%                                 | -0.08   | -7.80%                                 |
| ECO31_30          | 1                                 | 610232 | 317463 | 0.08   | 3.47   | 3.55  | 0.03   | 3.47   | 3.50  | 0.03  | 2.60%                                  | -0.06   | -5.83%                                 | -0.05   | -5.06%                                 |
| ECO31_40          | 1                                 | 610241 | 317458 | 0.06   | 3.47   | 3.53  | 0.02   | 3.47   | 3.49  | 0.04  | 3.91%                                  | -0.04   | -4.17%                                 | -0.04   | -3.68%                                 |
| ECO31_50          | 1                                 | 610249 | 317453 | 0.05   | 3.47   | 3.52  | 0.02   | 3.47   | 3.49  | 0.05  | 4.68%                                  | -0.03   | -3.19%                                 | -0.03   | -2.87%                                 |
| ECO31_60          | 1                                 | 610258 | 317449 | 0.04   | 3.47   | 3.51  | 0.02   | 3.47   | 3.49  | 0.05  | 5.19%                                  | -0.03   | -2.54%                                 | -0.02   | -2.34%                                 |
| ECO31_70          | 1                                 | 610267 | 317444 | 0.04   | 3.47   | 3.51  | 0.02   | 3.47   | 3.49  | 0.06  | 5.55%                                  | -0.02   | -2.09%                                 | -0.02   | -1.96%                                 |
| ECO31_80          | 1                                 | 610276 | 317439 | 0.04   | 3.47   | 3.50  | 0.02   | 3.47   | 3.49  | 0.06  | 5.81%                                  | -0.02   | -1.75%                                 | -0.02   | -1.69%                                 |
| ECO31_90          | 1                                 | 610285 | 317435 | 0.03   | 3.47   | 3.50  | 0.02   | 3.47   | 3.49  | 0.06  | 6.01%                                  | -0.01   | -1.50%                                 | -0.01   | -1.48%                                 |
| ECO31_100         | 1                                 | 610294 | 317430 | 0.03   | 3.47   | 3.50  | 0.02   | 3.47   | 3.49  | 0.06  | 6.17%                                  | -0.01   | -1.30%                                 | -0.01   | -1.31%                                 |
| ECO31_110         | 1                                 | 610303 | 317426 | 0.03   | 3.47   | 3.50  | 0.02   | 3.47   | 3.49  | 0.06  | 6.30%                                  | -0.01   | -1.13%                                 | -0.01   | -1.17%                                 |
| ECO31_120         | 1                                 | 610311 | 317421 | 0.03   | 3.47   | 3.50  | 0.02   | 3.47   | 3.49  | 0.06  | 6.41%                                  | -0.01   | -1.00%                                 | -0.01   | -1.06%                                 |
| ECO31_130         | 1                                 | 610320 | 317416 | 0.03   | 3.47   | 3.50  | 0.02   | 3.47   | 3.49  | 0.07  | 6.50%                                  | -0.01   | -0.88%                                 | -0.01   | -0.97%                                 |
| ECO31_140         | 1                                 | 610329 | 317412 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.07  | 6.58%                                  | -0.01   | -0.78%                                 | -0.01   | -0.89%                                 |
| ECO31_150         | 1                                 | 610338 | 317407 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.07  | 6.65%                                  | -0.01   | -0.70%                                 | -0.01   | -0.82%                                 |
| ECO31_160         | 1                                 | 610347 | 317402 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.48  | 0.07  | 6.71%                                  | -0.01   | -0.63%                                 | -0.01   | -0.76%                                 |
| ECO31_170         | 1                                 | 610356 | 317398 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.48  | 0.07  | 6.76%                                  | -0.01   | -0.56%                                 | -0.01   | -0.70%                                 |
| ECO31_180         | 1                                 | 610365 | 317393 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.48  | 0.07  | 6.80%                                  | -0.01   | -0.50%                                 | -0.01   | -0.65%                                 |
| ECO31_190         | 1                                 | 610374 | 317389 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.48  | 0.07  | 6.85%                                  | 0.00  | -0.45%                                 | -0.01   | -0.61%                                 |
| ECO31_200         | 1                                 | 610382 | 317384 | 0.02   | 3.47   | 3.49  | 0.01   | 3.47   | 3.48  | 0.07  | 6.88%                                  | 0.00  | -0.40%                                 | -0.01   | -0.57%                                 |
| ECO12_160         | 1                                 | 610057 | 318126 | 0.04   | 3.37   | 3.40  | 0.03   | 3.37   | 3.40  | 0.07  | 7.17%                                  | 0.00  | -0.17%                                 | 0.00  | -0.39%                                 |
| ECO12_170         | 1                                 | 610054 | 318117 | 0.03   | 3.37   | 3.40  | 0.03   | 3.37   | 3.40  | 0.07  | 7.16%                                  | 0.00  | -0.15%                                 | 0.00  | -0.37%                                 |
| ECO12_180         | 1                                 | 610050 | 318108 | 0.03   | 3.37   | 3.40  | 0.03   | 3.37   | 3.40  | 0.07  | 7.15%                                  | 0.00  | -0.13%                                 | 0.00  | -0.35%                                 |
| ECO12_190         | 1                                 | 610046 | 318098 | 0.03   | 3.37   | 3.40  | 0.03   | 3.37   | 3.39  | 0.07  | 7.14%                                  | 0.00  | -0.11%                                 | 0.00  | -0.34%                                 |
| ECO12_200         | 1                                 | 610043 | 318089 | 0.03   | 3.37   | 3.40  | 0.03   | 3.37   | 3.39  | 0.07  | 7.13%                                  | 0.00  | -0.10%                                 | 0.00  | -0.32%                                 |
| ECO30_70          | 1                                 | 610206 | 318326 | 0.14   | 3.37   | 3.51  | 0.13   | 3.37   | 3.49  | 0.08  | 7.81%                                  | -0.01   | -1.38%                                 | -0.02   | -1.58%                                 |
| ECO30_80          | 1                                 | 610208 | 318336 | 0.12   | 3.37   | 3.49  | 0.11   | 3.37   | 3.48  | 0.08  | 7.69%                                  | -0.01   | -1.17%                                 | -0.01   | -1.38%                                 |
| ECO30_90          | 1                                 | 610210 | 318345 | 0.11   | 3.37   | 3.48  | 0.10   | 3.37   | 3.46  | 0.08  | 7.61%                                  | -0.01   | -1.01%                                 | -0.01   | -1.23%                                 |
| ECO30_100         | 1                                 | 610213 | 318355 | 0.10   | 3.37   | 3.47  | 0.09   | 3.37   | 3.45  | 0.08  | 7.55%                                  | -0.01   | -0.88%                                 | -0.01   | -1.11%                                 |
| ECO30_110         | 1                                 | 610215 | 318365 | 0.09   | 3.37   | 3.46  | 0.08   | 3.37   | 3.45  | 0.08  | 7.50%                                  | -0.01   | -0.77%                                 | -0.01   | -1.01%                                 |
| ECO30_120         | 1                                 | 610217 | 318375 | 0.08   | 3.37   | 3.45  | 0.07   | 3.37   | 3.44  | 0.07  | 7.46%                                  | -0.01   | -0.69%                                 | -0.01   | -0.92%                                 |
| ECO30_130         | 1                                 | 610220 | 318384 | 0.08   | 3.37   | 3.44  | 0.07   | 3.37   | 3.44  | 0.07  | 7.43%                                  | -0.01   | -0.61%                                 | -0.01   | -0.85%                                 |
| ECO30_140         | 1                                 | 610222 | 318394 | 0.07   | 3.37   | 3.44  | 0.06   | 3.37   | 3.43  | 0.07  | 7.41%                                  | -0.01   | -0.55%                                 | -0.01   | -0.79%                                 |
| ECO30_150         | 1                                 | 610224 | 318404 | 0.07   | 3.37   | 3.43  | 0.06   | 3.37   | 3.43  | 0.07  | 7.38%                                  | 0.00  | -0.49%                                 | -0.01   | -0.73%                                 |
| ECO30_160         | 1                                 | 610226 | 318414 | 0.06   | 3.37   | 3.43  | 0.06   | 3.37   | 3.42  | 0.07  | 7.37%                                  | 0.00  | -0.44%                                 | -0.01   | -0.69%                                 |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO30_170         | 1                                 | 610229 | 318423 | 0.06   | 3.37   | 3.43  | 0.05   | 3.37   | 3.42  | 0.07  | 7.35%                                  | 0.00  | -0.40%                                 | -0.01   | -0.64%                                 |
| ECO30_180         | 1                                 | 610231 | 318433 | 0.06   | 3.37   | 3.42  | 0.05   | 3.37   | 3.42  | 0.07  | 7.34%                                  | 0.00  | -0.36%                                 | -0.01   | -0.60%                                 |
| ECO30_190         | 1                                 | 610233 | 318443 | 0.05   | 3.37   | 3.42  | 0.05   | 3.37   | 3.41  | 0.07  | 7.32%                                  | 0.00  | -0.32%                                 | -0.01   | -0.57%                                 |
| ECO30_200         | 1                                 | 610235 | 318453 | 0.05   | 3.37   | 3.42  | 0.05   | 3.37   | 3.41  | 0.07  | 7.31%                                  | 0.00  | -0.29%                                 | -0.01   | -0.54%                                 |
| ECO21_10          | 1                                 | 615489 | 315065 | 0.27   | 3.16   | 3.43  | 0.37   | 3.16   | 3.53  | 0.06  | 5.60%                                  | -0.07   | -6.99%                                 | 0.10  | 10.24%                                 |
| ECO21_20          | 1                                 | 615493 | 315075 | 0.15   | 3.16   | 3.31  | 0.20   | 3.16   | 3.37  | 0.07  | 6.64%                                  | -0.03   | -2.93%                                 | 0.05  | 5.45%                                  |
| ECO21_30          | 1                                 | 615496 | 315084 | 0.11   | 3.16   | 3.27  | 0.14   | 3.16   | 3.31  | 0.07  | 7.09%                                  | -0.01   | -1.43%                                 | 0.04  | 3.72%                                  |
| ECO21_40          | 1                                 | 615499 | 315094 | 0.08   | 3.16   | 3.25  | 0.11   | 3.16   | 3.28  | 0.07  | 7.34%                                  | -0.01   | -0.66%                                 | 0.03  | 2.85%                                  |
| ECO21_50          | 1                                 | 615502 | 315103 | 0.07   | 3.16   | 3.24  | 0.10   | 3.16   | 3.26  | 0.08  | 7.50%                                  | 0.00  | -0.19%                                 | 0.02  | 2.34%                                  |
| ECO21_60          | 1                                 | 615505 | 315113 | 0.06   | 3.16   | 3.23  | 0.08   | 3.16   | 3.25  | 0.08  | 7.63%                                  | 0.00  | 0.13%                                  | 0.02  | 2.02%                                  |
| ECO21_70          | 1                                 | 615509 | 315122 | 0.06   | 3.16   | 3.22  | 0.08   | 3.16   | 3.24  | 0.08  | 7.72%                                  | 0.00  | 0.36%                                  | 0.02  | 1.79%                                  |
| ECO21_80          | 1                                 | 615512 | 315132 | 0.05   | 3.16   | 3.22  | 0.07   | 3.16   | 3.23  | 0.08  | 7.81%                                  | 0.01  | 0.54%                                  | 0.02  | 1.63%                                  |
| ECO21_90          | 1                                 | 615515 | 315141 | 0.05   | 3.16   | 3.22  | 0.07   | 3.16   | 3.23  | 0.08  | 7.88%                                  | 0.01  | 0.69%                                  | 0.02  | 1.51%                                  |
| ECO21_100         | 1                                 | 615518 | 315151 | 0.05   | 3.16   | 3.21  | 0.06   | 3.16   | 3.23  | 0.08  | 7.95%                                  | 0.01  | 0.82%                                  | 0.01  | 1.42%                                  |
| ECO21_110         | 1                                 | 615521 | 315160 | 0.05   | 3.16   | 3.21  | 0.06   | 3.16   | 3.22  | 0.08  | 8.01%                                  | 0.01  | 0.93%                                  | 0.01  | 1.35%                                  |
| ECO21_120         | 1                                 | 615524 | 315170 | 0.05   | 3.16   | 3.21  | 0.06   | 3.16   | 3.22  | 0.08  | 8.07%                                  | 0.01  | 1.03%                                  | 0.01  | 1.30%                                  |
| ECO21_130         | 1                                 | 615528 | 315179 | 0.05   | 3.16   | 3.21  | 0.06   | 3.16   | 3.22  | 0.08  | 8.13%                                  | 0.01  | 1.12%                                  | 0.01  | 1.26%                                  |
| ECO21_140         | 1                                 | 615531 | 315189 | 0.04   | 3.16   | 3.21  | 0.06   | 3.16   | 3.22  | 0.08  | 8.19%                                  | 0.01  | 1.21%                                  | 0.01  | 1.23%                                  |
| ECO21_150         | 1                                 | 615534 | 315198 | 0.04   | 3.16   | 3.21  | 0.06   | 3.16   | 3.22  | 0.08  | 8.25%                                  | 0.01  | 1.29%                                  | 0.01  | 1.21%                                  |
| ECO21_160         | 1                                 | 615537 | 315208 | 0.04   | 3.16   | 3.21  | 0.06   | 3.16   | 3.22  | 0.08  | 8.31%                                  | 0.01  | 1.37%                                  | 0.01  | 1.19%                                  |
| ECO21_170         | 1                                 | 615540 | 315217 | 0.04   | 3.16   | 3.21  | 0.05   | 3.16   | 3.22  | 0.08  | 8.37%                                  | 0.01  | 1.45%                                  | 0.01  | 1.18%                                  |
| ECO21_180         | 1                                 | 615544 | 315226 | 0.04   | 3.16   | 3.21  | 0.05   | 3.16   | 3.22  | 0.08  | 8.43%                                  | 0.02  | 1.53%                                  | 0.01  | 1.18%                                  |
| ECO21_190         | 1                                 | 615547 | 315236 | 0.04   | 3.16   | 3.21  | 0.05   | 3.16   | 3.22  | 0.09  | 8.50%                                  | 0.02  | 1.61%                                  | 0.01  | 1.18%                                  |
| ECO21_200         | 1                                 | 615550 | 315245 | 0.04   | 3.16   | 3.21  | 0.05   | 3.16   | 3.22  | 0.09  | 8.57%                                  | 0.02  | 1.69%                                  | 0.01  | 1.18%                                  |
| ECO7_150          | 1                                 | 615357 | 315533 | 0.05   | 3.16   | 3.21  | 0.09   | 3.16   | 3.26  | 0.13  | 12.81%                                 | 0.06  | 5.98%                                  | 0.05  | 4.51%                                  |
| ECO7_160          | 1                                 | 615360 | 315524 | 0.05   | 3.16   | 3.21  | 0.09   | 3.16   | 3.25  | 0.12  | 12.37%                                 | 0.06  | 5.55%                                  | 0.04  | 4.19%                                  |
| ECO7_170          | 1                                 | 615363 | 315514 | 0.04   | 3.16   | 3.21  | 0.08   | 3.16   | 3.25  | 0.12  | 11.99%                                 | 0.05  | 5.17%                                  | 0.04  | 3.91%                                  |
| ECO7_180          | 1                                 | 615366 | 315504 | 0.04   | 3.16   | 3.21  | 0.08   | 3.16   | 3.24  | 0.12  | 11.65%                                 | 0.05  | 4.84%                                  | 0.04  | 3.66%                                  |
| ECO7_190          | 1                                 | 615369 | 315495 | 0.04   | 3.16   | 3.21  | 0.08   | 3.16   | 3.24  | 0.11  | 11.35%                                 | 0.05  | 4.55%                                  | 0.03  | 3.45%                                  |
| ECO7_200          | 1                                 | 615372 | 315485 | 0.04   | 3.16   | 3.20  | 0.07   | 3.16   | 3.24  | 0.11  | 11.08%                                 | 0.04  | 4.29%                                  | 0.03  | 3.25%                                  |
| ECO18_10          | 1                                 | 609799 | 313046 | 0.37   | 3.16   | 3.53  | 0.09   | 3.16   | 3.25  | 0.14  | 14.01%                                 | 0.07  | 7.41%                                  | -0.28   | -28.18%                                |
| ECO18_20          | 1                                 | 609809 | 313043 | 0.19   | 3.16   | 3.36  | 0.07   | 3.16   | 3.24  | 0.12  | 12.44%                                 | 0.06  | 5.83%                                  | -0.12   | -11.90%                                |
| ECO18_30          | 1                                 | 609818 | 313039 | 0.13   | 3.16   | 3.29  | 0.07   | 3.16   | 3.23  | 0.12  | 12.01%                                 | 0.05  | 5.41%                                  | -0.06   | -6.19%                                 |
| ECO18_40          | 1                                 | 609827 | 313035 | 0.10   | 3.16   | 3.26  | 0.07   | 3.16   | 3.23  | 0.12  | 11.91%                                 | 0.05  | 5.30%                                  | -0.03   | -3.30%                                 |
| ECO18_50          | 1                                 | 609837 | 313032 | 0.08   | 3.16   | 3.25  | 0.07   | 3.16   | 3.23  | 0.12  | 11.94%                                 | 0.05  | 5.33%                                  | -0.02   | -1.54%                                 |
| ECO18_60          | 1                                 | 609846 | 313028 | 0.07   | 3.16   | 3.24  | 0.07   | 3.16   | 3.23  | 0.12  | 12.05%                                 | 0.05  | 5.44%                                  | 0.00  | -0.31%                                 |
| ECO18_70          | 1                                 | 609855 | 313024 | 0.06   | 3.16   | 3.23  | 0.07   | 3.16   | 3.23  | 0.12  | 12.22%                                 | 0.06  | 5.61%                                  | 0.01  | 0.64%                                  |
| ECO18_80          | 1                                 | 609865 | 313021 | 0.06   | 3.16   | 3.22  | 0.07   | 3.16   | 3.24  | 0.12  | 12.43%                                 | 0.06  | 5.82%                                  | 0.01  | 1.41%                                  |
| ECO18_90          | 1                                 | 609874 | 313017 | 0.05   | 3.16   | 3.22  | 0.08   | 3.16   | 3.24  | 0.13  | 12.69%                                 | 0.06  | 6.08%                                  | 0.02  | 2.10%                                  |
| ECO18_100         | 1                                 | 609883 | 313014 | 0.05   | 3.16   | 3.21  | 0.08   | 3.16   | 3.24  | 0.13  | 12.99%                                 | 0.06  | 6.39%                                  | 0.03  | 2.74%                                  |
| ECO18_110         | 1                                 | 609893 | 313010 | 0.05   | 3.16   | 3.21  | 0.08   | 3.16   | 3.25  | 0.13  | 13.35%                                 | 0.07  | 6.74%                                  | 0.03  | 3.36%                                  |
| ECO18_120         | 1                                 | 609902 | 313006 | 0.05   | 3.16   | 3.21  | 0.09   | 3.16   | 3.25  | 0.14  | 13.76%                                 | 0.07  | 7.16%                                  | 0.04  | 3.99%                                  |
| ECO18_130         | 1                                 | 609911 | 313003 | 0.04   | 3.16   | 3.21  | 0.09   | 3.16   | 3.25  | 0.14  | 14.24%                                 | 0.08  | 7.64%                                  | 0.05  | 4.65%                                  |
| ECO18_140         | 1                                 | 609920 | 312999 | 0.04   | 3.16   | 3.21  | 0.10   | 3.16   | 3.26  | 0.15  | 14.80%                                 | 0.08  | 8.20%                                  | 0.05  | 5.37%                                  |
| ECO18_150         | 1                                 | 609930 | 312995 | 0.04   | 3.16   | 3.21  | 0.10   | 3.16   | 3.27  | 0.15  | 15.46%                                 | 0.09  | 8.86%                                  | 0.06  | 6.16%                                  |
| ECO18_160         | 1                                 | 609939 | 312992 | 0.04   | 3.16   | 3.20  | 0.11   | 3.16   | 3.27  | 0.16  | 16.25%                                 | 0.10  | 9.64%                                  | 0.07  | 7.05%                                  |
| ECO18_170         | 1                                 | 609948 | 312988 | 0.04   | 3.16   | 3.20  | 0.12   | 3.16   | 3.28  | 0.17  | 17.19%                                 | 0.11  | 10.59%                                 | 0.08  | 8.09%                                  |
| ECO18_180         | 1                                 | 609958 | 312984 | 0.04   | 3.16   | 3.20  | 0.13   | 3.16   | 3.30  | 0.18  | 18.35%                                 | 0.12  | 11.74%                                 | 0.09  | 9.34%                                  |
| ECO1_10           | 1                                 | 609909 | 313310 | 0.32   | 3.16   | 3.48  | 0.07   | 3.16   | 3.23  | 0.12  | 12.36%                                 | 0.06  | 5.81%                                  | -0.25   | -24.78%                                |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO1_20           | 1                                 | 609900 | 313313 | 0.16   | 3.16   | 3.33  | 0.05   | 3.16   | 3.22  | 0.11  | 10.80%                                 | 0.04  | 4.25%                                  | -0.11   | -10.98%                                |
| ECO1_30           | 1                                 | 609890 | 313316 | 0.11   | 3.16   | 3.27  | 0.05   | 3.16   | 3.21  | 0.10  | 10.21%                                 | 0.04  | 3.67%                                  | -0.06   | -6.27%                                 |
| ECO1_40           | 1                                 | 609881 | 313320 | 0.09   | 3.16   | 3.25  | 0.05   | 3.16   | 3.21  | 0.10  | 9.89%                                  | 0.03  | 3.35%                                  | -0.04   | -4.00%                                 |
| ECO1_50           | 1                                 | 609871 | 313323 | 0.07   | 3.16   | 3.23  | 0.04   | 3.16   | 3.21  | 0.10  | 9.68%                                  | 0.03  | 3.13%                                  | -0.03   | -2.69%                                 |
| ECO1_60           | 1                                 | 609862 | 313326 | 0.06   | 3.16   | 3.22  | 0.04   | 3.16   | 3.20  | 0.10  | 9.52%                                  | 0.03  | 2.98%                                  | -0.02   | -1.86%                                 |
| ECO1_70           | 1                                 | 609853 | 313330 | 0.05   | 3.16   | 3.22  | 0.04   | 3.16   | 3.20  | 0.09  | 9.40%                                  | 0.03  | 2.85%                                  | -0.01   | -1.29%                                 |
| ECO1_80           | 1                                 | 609843 | 313333 | 0.05   | 3.16   | 3.21  | 0.04   | 3.16   | 3.20  | 0.09  | 9.29%                                  | 0.03  | 2.74%                                  | -0.01   | -0.89%                                 |
| ECO1_90           | 1                                 | 609834 | 313336 | 0.04   | 3.16   | 3.21  | 0.04   | 3.16   | 3.20  | 0.09  | 9.20%                                  | 0.03  | 2.65%                                  | -0.01   | -0.59%                                 |
| ECO64_30          | 1                                 | 620595 | 309692 | 0.47   | 2.76   | 3.22  | 0.43   | 2.76   | 3.19  | 0.12  | 11.89%                                 | 0.01  | 0.72%                                  | -0.03   | -3.08%                                 |
| ECO64_40          | 1                                 | 620585 | 309692 | 0.35   | 2.76   | 3.11  | 0.33   | 2.76   | 3.09  | 0.10  | 10.42%                                 | 0.01  | 0.67%                                  | -0.02   | -2.23%                                 |
| ECO64_50          | 1                                 | 620575 | 309692 | 0.29   | 2.76   | 3.04  | 0.27   | 2.76   | 3.02  | 0.10  | 9.57%                                  | 0.01  | 0.64%                                  | -0.02   | -1.73%                                 |
| ECO64_60          | 1                                 | 620565 | 309692 | 0.24   | 2.76   | 3.00  | 0.23   | 2.76   | 2.98  | 0.09  | 9.03%                                  | 0.01  | 0.62%                                  | -0.01   | -1.40%                                 |
| ECO64_70          | 1                                 | 620555 | 309692 | 0.21   | 2.76   | 2.97  | 0.20   | 2.76   | 2.96  | 0.09  | 8.66%                                  | 0.01  | 0.60%                                  | -0.01   | -1.18%                                 |
| ECO64_80          | 1                                 | 620545 | 309692 | 0.19   | 2.76   | 2.95  | 0.18   | 2.76   | 2.94  | 0.08  | 8.39%                                  | 0.01  | 0.58%                                  | -0.01   | -1.01%                                 |
| ECO64_90          | 1                                 | 620535 | 309691 | 0.17   | 2.76   | 2.93  | 0.17   | 2.76   | 2.92  | 0.08  | 8.19%                                  | 0.01  | 0.57%                                  | -0.01   | -0.88%                                 |
| ECO64_100         | 1                                 | 620525 | 309691 | 0.16   | 2.76   | 2.92  | 0.15   | 2.76   | 2.91  | 0.08  | 8.03%                                  | 0.01  | 0.56%                                  | -0.01   | -0.78%                                 |
| ECO64_110         | 1                                 | 620515 | 309691 | 0.15   | 2.76   | 2.91  | 0.14   | 2.76   | 2.90  | 0.08  | 7.90%                                  | 0.01  | 0.55%                                  | -0.01   | -0.70%                                 |
| ECO64_120         | 1                                 | 620505 | 309691 | 0.14   | 2.76   | 2.90  | 0.14   | 2.76   | 2.89  | 0.08  | 7.80%                                  | 0.01  | 0.54%                                  | -0.01   | -0.64%                                 |
| ECO64_130         | 1                                 | 620495 | 309691 | 0.14   | 2.76   | 2.89  | 0.13   | 2.76   | 2.88  | 0.08  | 7.72%                                  | 0.01  | 0.53%                                  | -0.01   | -0.59%                                 |
| ECO64_140         | 1                                 | 620485 | 309691 | 0.13   | 2.76   | 2.88  | 0.12   | 2.76   | 2.88  | 0.08  | 7.65%                                  | 0.01  | 0.52%                                  | -0.01   | -0.54%                                 |
| ECO64_150         | 1                                 | 620475 | 309691 | 0.12   | 2.76   | 2.88  | 0.12   | 2.76   | 2.87  | 0.08  | 7.59%                                  | 0.01  | 0.52%                                  | -0.01   | -0.50%                                 |
| ECO64_160         | 1                                 | 620465 | 309691 | 0.12   | 2.76   | 2.88  | 0.12   | 2.76   | 2.87  | 0.08  | 7.54%                                  | 0.01  | 0.51%                                  | 0.00  | -0.47%                                 |
| ECO64_170         | 1                                 | 620455 | 309691 | 0.12   | 2.76   | 2.87  | 0.11   | 2.76   | 2.87  | 0.07  | 7.49%                                  | 0.01  | 0.51%                                  | 0.00  | -0.45%                                 |
| ECO64_180         | 1                                 | 620445 | 309691 | 0.11   | 2.76   | 2.87  | 0.11   | 2.76   | 2.86  | 0.07  | 7.45%                                  | 0.00  | 0.50%                                  | 0.00  | -0.42%                                 |
| ECO64_190         | 1                                 | 620435 | 309690 | 0.11   | 2.76   | 2.87  | 0.11   | 2.76   | 2.86  | 0.07  | 7.42%                                  | 0.00  | 0.49%                                  | 0.00  | -0.40%                                 |
| ECO64_200         | 1                                 | 620425 | 309690 | 0.11   | 2.76   | 2.86  | 0.10   | 2.76   | 2.86  | 0.07  | 7.39%                                  | 0.00  | 0.49%                                  | 0.00  | -0.38%                                 |
| ECO54_10          | 3                                 | 613062 | 318234 | 0.16   | 3.47   | 3.63  | 0.18   | 3.47   | 3.65  | 0.16  | 5.24%                                  | 0.07  | 2.26%                                  | 0.02  | 0.58%                                  |
| ECO54_20          | 3                                 | 613052 | 318232 | 0.08   | 3.47   | 3.55  | 0.09   | 3.47   | 3.56  | 0.11  | 3.83%                                  | 0.04  | 1.18%                                  | 0.01  | 0.32%                                  |
| ECO54_30          | 3                                 | 613042 | 318230 | 0.06   | 3.47   | 3.53  | 0.06   | 3.47   | 3.53  | 0.10  | 3.34%                                  | 0.02  | 0.79%                                  | 0.01  | 0.22%                                  |
| ECO54_40          | 3                                 | 613032 | 318228 | 0.04   | 3.47   | 3.51  | 0.05   | 3.47   | 3.52  | 0.09  | 3.10%                                  | 0.02  | 0.60%                                  | 0.01  | 0.18%                                  |
| ECO54_50          | 3                                 | 613022 | 318226 | 0.04   | 3.47   | 3.50  | 0.04   | 3.47   | 3.51  | 0.09  | 2.96%                                  | 0.01  | 0.49%                                  | 0.00  | 0.15%                                  |
| ECO54_60          | 3                                 | 613013 | 318224 | 0.03   | 3.47   | 3.50  | 0.03   | 3.47   | 3.50  | 0.09  | 2.86%                                  | 0.01  | 0.42%                                  | 0.00  | 0.13%                                  |
| ECO54_70          | 3                                 | 613003 | 318223 | 0.03   | 3.47   | 3.50  | 0.03   | 3.47   | 3.50  | 0.08  | 2.80%                                  | 0.01  | 0.37%                                  | 0.00  | 0.12%                                  |
| ECO54_80          | 3                                 | 612993 | 318221 | 0.02   | 3.47   | 3.49  | 0.03   | 3.47   | 3.50  | 0.08  | 2.75%                                  | 0.01  | 0.33%                                  | 0.00  | 0.11%                                  |
| ECO54_90          | 3                                 | 612983 | 318219 | 0.02   | 3.47   | 3.49  | 0.03   | 3.47   | 3.49  | 0.08  | 2.72%                                  | 0.01  | 0.31%                                  | 0.00  | 0.10%                                  |
| ECO54_100         | 3                                 | 612973 | 318217 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.69%                                  | 0.01  | 0.28%                                  | 0.00  | 0.09%                                  |
| ECO54_110         | 3                                 | 612964 | 318215 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.67%                                  | 0.01  | 0.27%                                  | 0.00  | 0.09%                                  |
| ECO54_120         | 3                                 | 612954 | 318213 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.65%                                  | 0.01  | 0.25%                                  | 0.00  | 0.08%                                  |
| ECO54_130         | 3                                 | 612944 | 318211 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.64%                                  | 0.01  | 0.24%                                  | 0.00  | 0.08%                                  |
| ECO54_140         | 3                                 | 612934 | 318210 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.62%                                  | 0.01  | 0.23%                                  | 0.00  | 0.08%                                  |
| ECO54_150         | 3                                 | 612924 | 318208 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.61%                                  | 0.01  | 0.22%                                  | 0.00  | 0.07%                                  |
| ECO54_160         | 3                                 | 612914 | 318206 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.60%                                  | 0.01  | 0.21%                                  | 0.00  | 0.07%                                  |
| ECO54_170         | 3                                 | 612905 | 318204 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.59%                                  | 0.01  | 0.21%                                  | 0.00  | 0.07%                                  |
| ECO54_180         | 3                                 | 612895 | 318202 | 0.02   | 3.47   | 3.49  | 0.02   | 3.47   | 3.49  | 0.08  | 2.59%                                  | 0.01  | 0.20%                                  | 0.00  | 0.06%                                  |
| ECO54_190         | 3                                 | 612885 | 318200 | 0.02   | 3.47   | 3.48  | 0.02   | 3.47   | 3.49  | 0.08  | 2.58%                                  | 0.01  | 0.19%                                  | 0.00  | 0.06%                                  |
| ECO54_200         | 3                                 | 612875 | 318198 | 0.02   | 3.47   | 3.48  | 0.02   | 3.47   | 3.49  | 0.08  | 2.57%                                  | 0.01  | 0.19%                                  | 0.00  | 0.06%                                  |
| ECO23_140         | 1                                 | 610797 | 318297 | 0.05   | 3.37   | 3.42  | 0.05   | 3.37   | 3.41  | 0.07  | 7.47%                                  | 0.00  | -0.14%                                 | -0.01   | -0.82%                                 |
| ECO23_150         | 1                                 | 610801 | 318306 | 0.05   | 3.37   | 3.42  | 0.04   | 3.37   | 3.41  | 0.07  | 7.43%                                  | 0.00  | -0.13%                                 | -0.01   | -0.76%                                 |
| ECO23_160         | 1                                 | 610805 | 318315 | 0.05   | 3.37   | 3.41  | 0.04   | 3.37   | 3.41  | 0.07  | 7.39%                                  | 0.00  | -0.11%                                 | -0.01   | -0.70%                                 |

| Receptor ID point | CLvl (µg/m³) | x      | y      | 3. DM 2044 Road NH3 (µg/m³) | 3. DM 2044 Background NH3 (µg/m³) | 3. DM 2044 Total NH3 (µg/m³) | 4. DS 2044 Road NH3 (µg/m³) | 4. DS 2044 Background NH3 (µg/m³) | 4. DS 2044 Total NH3 (µg/m³) | 4.-1. Change NH3 (µg/m³) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 (µg/m³) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 (µg/m³) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|--------------|--------|--------|-----------------------------|-----------------------------------|------------------------------|-----------------------------|-----------------------------------|------------------------------|--------------------------|--|--------------------------|--|--------------------------|--|
| ECO23_170         | 1            | 610809 | 318324 | 0.04                        | 3.37                              | 3.41                         | 0.04                        | 3.37                              | 3.41                         | 0.07                     | 7.36%                                  | 0.00                     | -0.10%                                 | -0.01                    | -0.66%                                 |
| ECO23_180         | 1            | 610812 | 318334 | 0.04                        | 3.37                              | 3.41                         | 0.04                        | 3.37                              | 3.40                         | 0.07                     | 7.34%                                  | 0.00                     | -0.08%                                 | -0.01                    | -0.61%                                 |
| ECO23_190         | 1            | 610816 | 318343 | 0.04                        | 3.37                              | 3.41                         | 0.03                        | 3.37                              | 3.40                         | 0.07                     | 7.31%                                  | 0.00                     | -0.07%                                 | -0.01                    | -0.58%                                 |
| ECO2_70           | 1            | 611037 | 311734 | 0.35                        | 2.96                              | 3.31                         | 0.38                        | 2.96                              | 3.34                         | 0.38                     | 37.91%                                 | 0.31                     | 30.74%                                 | 0.03                     | 3.06%                                  |
| ECO2_80           | 1            | 611045 | 311738 | 0.30                        | 2.96                              | 3.26                         | 0.33                        | 2.96                              | 3.29                         | 0.33                     | 33.47%                                 | 0.26                     | 26.34%                                 | 0.03                     | 2.73%                                  |
| ECO2_90           | 1            | 611054 | 311743 | 0.27                        | 2.96                              | 3.23                         | 0.29                        | 2.96                              | 3.25                         | 0.30                     | 30.01%                                 | 0.23                     | 22.92%                                 | 0.02                     | 2.46%                                  |
| ECO2_100          | 1            | 611063 | 311748 | 0.24                        | 2.96                              | 3.20                         | 0.27                        | 2.96                              | 3.22                         | 0.27                     | 27.27%                                 | 0.20                     | 20.22%                                 | 0.02                     | 2.25%                                  |
| ECO2_110          | 1            | 611072 | 311752 | 0.22                        | 2.96                              | 3.18                         | 0.24                        | 2.96                              | 3.20                         | 0.25                     | 25.03%                                 | 0.18                     | 18.02%                                 | 0.02                     | 2.07%                                  |
| ECO2_120          | 1            | 611081 | 311757 | 0.20                        | 2.96                              | 3.16                         | 0.22                        | 2.96                              | 3.18                         | 0.23                     | 23.19%                                 | 0.16                     | 16.21%                                 | 0.02                     | 1.93%                                  |
| ECO2_130          | 1            | 611090 | 311762 | 0.19                        | 2.96                              | 3.15                         | 0.20                        | 2.96                              | 3.16                         | 0.22                     | 21.65%                                 | 0.15                     | 14.70%                                 | 0.02                     | 1.80%                                  |
| ECO2_140          | 1            | 611098 | 311766 | 0.17                        | 2.96                              | 3.13                         | 0.19                        | 2.96                              | 3.15                         | 0.20                     | 20.33%                                 | 0.13                     | 13.40%                                 | 0.02                     | 1.69%                                  |
| ECO2_150          | 1            | 611107 | 311771 | 0.16                        | 2.96                              | 3.12                         | 0.18                        | 2.96                              | 3.14                         | 0.19                     | 19.20%                                 | 0.12                     | 12.30%                                 | 0.02                     | 1.59%                                  |
| ECO2_160          | 1            | 611116 | 311776 | 0.15                        | 2.96                              | 3.11                         | 0.17                        | 2.96                              | 3.13                         | 0.18                     | 18.22%                                 | 0.11                     | 11.35%                                 | 0.02                     | 1.50%                                  |
| ECO2_170          | 1            | 611125 | 311780 | 0.14                        | 2.96                              | 3.10                         | 0.16                        | 2.96                              | 3.12                         | 0.17                     | 17.36%                                 | 0.11                     | 10.52%                                 | 0.01                     | 1.43%                                  |
| ECO2_180          | 1            | 611134 | 311785 | 0.13                        | 2.96                              | 3.09                         | 0.15                        | 2.96                              | 3.11                         | 0.17                     | 16.61%                                 | 0.10                     | 9.79%                                  | 0.01                     | 1.36%                                  |
| ECO2_190          | 1            | 611143 | 311790 | 0.13                        | 2.96                              | 3.09                         | 0.14                        | 2.96                              | 3.10                         | 0.16                     | 15.94%                                 | 0.09                     | 9.14%                                  | 0.01                     | 1.30%                                  |
| ECO2_200          | 1            | 611151 | 311795 | 0.12                        | 2.96                              | 3.08                         | 0.13                        | 2.96                              | 3.09                         | 0.15                     | 15.35%                                 | 0.09                     | 8.57%                                  | 0.01                     | 1.24%                                  |
| ECO38_10          | 1            | 613204 | 315169 | 0.01                        | 3.27                              | 3.28                         | 0.69                        | 3.27                              | 3.96                         | 0.75                     | 75.23%                                 | 0.69                     | 68.54%                                 | 0.68                     | 68.20%                                 |
| ECO38_20          | 1            | 613201 | 315159 | 0.01                        | 3.27                              | 3.28                         | 0.39                        | 3.27                              | 3.65                         | 0.44                     | 44.40%                                 | 0.38                     | 37.72%                                 | 0.37                     | 37.38%                                 |
| ECO38_30          | 1            | 613199 | 315150 | 0.01                        | 3.27                              | 3.28                         | 0.27                        | 3.27                              | 3.53                         | 0.33                     | 32.52%                                 | 0.26                     | 25.83%                                 | 0.25                     | 25.49%                                 |
| ECO38_40          | 1            | 613196 | 315140 | 0.01                        | 3.27                              | 3.28                         | 0.20                        | 3.27                              | 3.47                         | 0.26                     | 26.24%                                 | 0.20                     | 19.55%                                 | 0.19                     | 19.21%                                 |
| ECO38_50          | 1            | 613194 | 315130 | 0.01                        | 3.27                              | 3.28                         | 0.16                        | 3.27                              | 3.43                         | 0.22                     | 22.38%                                 | 0.16                     | 15.70%                                 | 0.15                     | 15.35%                                 |
| ECO38_60          | 1            | 613191 | 315121 | 0.01                        | 3.27                              | 3.28                         | 0.14                        | 3.27                              | 3.40                         | 0.20                     | 19.77%                                 | 0.13                     | 13.09%                                 | 0.13                     | 12.75%                                 |
| ECO38_70          | 1            | 613188 | 315111 | 0.01                        | 3.27                              | 3.28                         | 0.12                        | 3.27                              | 3.39                         | 0.18                     | 17.90%                                 | 0.11                     | 11.21%                                 | 0.11                     | 10.87%                                 |
| ECO38_80          | 1            | 613186 | 315101 | 0.01                        | 3.27                              | 3.28                         | 0.11                        | 3.27                              | 3.37                         | 0.16                     | 16.48%                                 | 0.10                     | 9.79%                                  | 0.09                     | 9.45%                                  |
| ECO38_90          | 1            | 613183 | 315092 | 0.01                        | 3.27                              | 3.28                         | 0.09                        | 3.27                              | 3.36                         | 0.15                     | 15.38%                                 | 0.09                     | 8.70%                                  | 0.08                     | 8.35%                                  |
| ECO38_100         | 1            | 613181 | 315082 | 0.01                        | 3.27                              | 3.28                         | 0.09                        | 3.27                              | 3.35                         | 0.15                     | 14.50%                                 | 0.08                     | 7.82%                                  | 0.07                     | 7.48%                                  |
| ECO38_110         | 1            | 613178 | 315072 | 0.01                        | 3.27                              | 3.28                         | 0.08                        | 3.27                              | 3.34                         | 0.14                     | 13.79%                                 | 0.07                     | 7.11%                                  | 0.07                     | 6.76%                                  |
| ECO38_120         | 1            | 613176 | 315063 | 0.01                        | 3.27                              | 3.28                         | 0.07                        | 3.27                              | 3.34                         | 0.13                     | 13.19%                                 | 0.07                     | 6.51%                                  | 0.06                     | 6.17%                                  |
| ECO38_130         | 1            | 613173 | 315053 | 0.01                        | 3.27                              | 3.28                         | 0.07                        | 3.27                              | 3.33                         | 0.13                     | 12.70%                                 | 0.06                     | 6.01%                                  | 0.06                     | 5.67%                                  |
| ECO38_140         | 1            | 613170 | 315043 | 0.01                        | 3.27                              | 3.28                         | 0.06                        | 3.27                              | 3.33                         | 0.12                     | 12.27%                                 | 0.06                     | 5.59%                                  | 0.05                     | 5.25%                                  |
| ECO38_150         | 1            | 613168 | 315034 | 0.01                        | 3.27                              | 3.28                         | 0.06                        | 3.27                              | 3.33                         | 0.12                     | 11.90%                                 | 0.05                     | 5.22%                                  | 0.05                     | 4.88%                                  |
| ECO38_160         | 1            | 613165 | 315024 | 0.01                        | 3.27                              | 3.28                         | 0.06                        | 3.27                              | 3.32                         | 0.12                     | 11.59%                                 | 0.05                     | 4.90%                                  | 0.05                     | 4.56%                                  |
| ECO38_170         | 1            | 613163 | 315014 | 0.01                        | 3.27                              | 3.28                         | 0.05                        | 3.27                              | 3.32                         | 0.11                     | 11.31%                                 | 0.05                     | 4.62%                                  | 0.04                     | 4.28%                                  |
| ECO38_180         | 1            | 613160 | 315005 | 0.01                        | 3.27                              | 3.28                         | 0.05                        | 3.27                              | 3.32                         | 0.11                     | 11.06%                                 | 0.04                     | 4.38%                                  | 0.04                     | 4.03%                                  |
| ECO38_190         | 1            | 613158 | 314995 | 0.01                        | 3.27                              | 3.28                         | 0.05                        | 3.27                              | 3.31                         | 0.11                     | 10.84%                                 | 0.04                     | 4.16%                                  | 0.04                     | 3.81%                                  |
| ECO38_200         | 1            | 613155 | 314985 | 0.01                        | 3.27                              | 3.28                         | 0.05                        | 3.27                              | 3.31                         | 0.11                     | 10.64%                                 | 0.04                     | 3.96%                                  | 0.04                     | 3.62%                                  |
| ECO61_10          | 1            | 611831 | 311193 | 0.33                        | 2.96                              | 3.29                         | 0.15                        | 2.96                              | 3.11                         | -0.67                    | -66.86%                                | -0.93                    | -93.22%                                | -0.19                    | -18.70%                                |
| ECO61_20          | 1            | 611840 | 311198 | 0.23                        | 2.96                              | 3.19                         | 0.13                        | 2.96                              | 3.09                         | -0.44                    | -43.71%                                | -0.64                    | -63.93%                                | -0.10                    | -9.80%                                 |
| ECO61_30          | 1            | 611849 | 311203 | 0.19                        | 2.96                              | 3.15                         | 0.13                        | 2.96                              | 3.09                         | -0.30                    | -30.20%                                | -0.47                    | -46.96%                                | -0.06                    | -6.49%                                 |
| ECO61_40          | 1            | 611857 | 311208 | 0.17                        | 2.96                              | 3.13                         | 0.12                        | 2.96                              | 3.08                         | -0.21                    | -21.45%                                | -0.36                    | -36.00%                                | -0.05                    | -4.78%                                 |
| ECO61_50          | 1            | 611866 | 311213 | 0.16                        | 2.96                              | 3.12                         | 0.12                        | 2.96                              | 3.08                         | -0.15                    | -15.41%                                | -0.28                    | -28.46%                                | -0.04                    | -3.74%                                 |
| ECO61_60          | 1            | 611875 | 311218 | 0.15                        | 2.96                              | 3.10                         | 0.12                        | 2.96                              | 3.07                         | -0.11                    | -10.99%                                | -0.23                    | -22.96%                                | -0.03                    | -3.04%                                 |
| ECO61_70          | 1            | 611883 | 311223 | 0.14                        | 2.96                              | 3.10                         | 0.11                        | 2.96                              | 3.07                         | -0.08                    | -7.67%                                 | -0.19                    | -18.83%                                | -0.03                    | -2.53%                                 |
| ECO61_80          | 1            | 611892 | 311228 | 0.13                        | 2.96                              | 3.09                         | 0.11                        | 2.96                              | 3.07                         | -0.05                    | -5.09%                                 | -0.16                    | -15.63%                                | -0.02                    | -2.14%                                 |
| ECO61_90          | 1            | 611901 | 311233 | 0.13                        | 2.96                              | 3.08                         | 0.11                        | 2.96                              | 3.07                         | -0.03                    | -3.06%                                 | -0.13                    | -13.09%                                | -0.02                    | -1.83%                                 |
| ECO61_100         | 1            | 611909 | 311238 | 0.12                        | 2.96                              | 3.08                         | 0.10                        | 2.96                              | 3.06                         | -0.01                    | -1.41%                                 | -0.11                    | -11.04%                                | -0.02                    | -1.59%                                 |
| ECO61_110         | 1            | 611918 | 311243 | 0.12                        | 2.96                              | 3.08                         | 0.10                        | 2.96                              | 3.06                         | 0.00                     | -0.07%                                 | -0.09                    | -9.37%                                 | -0.01                    | -1.39%                                 |
| ECO61_120         | 1            | 611927 | 311248 | 0.11                        | 2.96                              | 3.07                         | 0.10                        | 2.96                              | 3.06                         | 0.01                     | 1.04%                                  | -0.08                    | -7.98%                                 | -0.01                    | -1.22%                                 |



| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO61_130         | 1                                 | 611936 | 311253 | 0.11   | 2.96   | 3.07  | 0.10   | 2.96   | 3.06  | 0.02  | 1.98%                                  | -0.07   | -6.81%                                 | -0.01   | -1.07%                                 |
| ECO61_140         | 1                                 | 611944 | 311258 | 0.11   | 2.96   | 3.06  | 0.10   | 2.96   | 3.06  | 0.03  | 2.76%                                  | -0.06   | -5.83%                                 | -0.01   | -0.95%                                 |
| ECO61_150         | 1                                 | 611953 | 311263 | 0.10   | 2.96   | 3.06  | 0.09   | 2.96   | 3.05  | 0.03  | 3.43%                                  | -0.05   | -4.99%                                 | -0.01   | -0.84%                                 |
| ECO61_160         | 1                                 | 611962 | 311268 | 0.10   | 2.96   | 3.06  | 0.09   | 2.96   | 3.05  | 0.04  | 4.00%                                  | -0.04   | -4.26%                                 | -0.01   | -0.75%                                 |
| ECO61_170         | 1                                 | 611970 | 311273 | 0.10   | 2.96   | 3.06  | 0.09   | 2.96   | 3.05  | 0.04  | 4.50%                                  | -0.04   | -3.63%                                 | -0.01   | -0.67%                                 |
| ECO61_180         | 1                                 | 611979 | 311278 | 0.10   | 2.96   | 3.05  | 0.09   | 2.96   | 3.05  | 0.05  | 4.92%                                  | -0.03   | -3.09%                                 | -0.01   | -0.60%                                 |
| ECO61_190         | 1                                 | 611988 | 311283 | 0.09   | 2.96   | 3.05  | 0.09   | 2.96   | 3.05  | 0.05  | 5.29%                                  | -0.03   | -2.62%                                 | -0.01   | -0.54%                                 |
| ECO61_200         | 1                                 | 611996 | 311288 | 0.09   | 2.96   | 3.05  | 0.09   | 2.96   | 3.05  | 0.06  | 5.62%                                  | -0.02   | -2.20%                                 | 0.00  | -0.48%                                 |
| ECO16_10          | 1                                 | 610482 | 313346 | 0.03   | 3.16   | 3.19  | 1.39   | 3.16   | 4.56  | 1.45  | 144.58%                                | 1.38  | 137.99%                                | 1.37  | 136.69%                                |
| ECO16_20          | 1                                 | 610477 | 313355 | 0.03   | 3.16   | 3.19  | 0.79   | 3.16   | 3.96  | 0.85  | 84.66%                                 | 0.78  | 78.07%                                 | 0.77  | 76.76%                                 |
| ECO16_30          | 1                                 | 610472 | 313364 | 0.03   | 3.16   | 3.19  | 0.55   | 3.16   | 3.72  | 0.60  | 60.49%                                 | 0.54  | 53.91%                                 | 0.53  | 52.59%                                 |
| ECO16_40          | 1                                 | 610467 | 313372 | 0.03   | 3.16   | 3.19  | 0.42   | 3.16   | 3.59  | 0.47  | 47.44%                                 | 0.41  | 40.85%                                 | 0.40  | 39.53%                                 |
| ECO16_50          | 1                                 | 610462 | 313381 | 0.03   | 3.16   | 3.19  | 0.34   | 3.16   | 3.50  | 0.39  | 39.28%                                 | 0.33  | 32.69%                                 | 0.31  | 31.36%                                 |
| ECO16_60          | 1                                 | 610457 | 313389 | 0.03   | 3.16   | 3.19  | 0.29   | 3.16   | 3.45  | 0.34  | 33.75%                                 | 0.27  | 27.17%                                 | 0.26  | 25.83%                                 |
| ECO16_70          | 1                                 | 610452 | 313398 | 0.03   | 3.16   | 3.19  | 0.25   | 3.16   | 3.41  | 0.30  | 29.75%                                 | 0.23  | 23.16%                                 | 0.22  | 21.81%                                 |
| ECO16_80          | 1                                 | 610447 | 313407 | 0.03   | 3.16   | 3.19  | 0.22   | 3.16   | 3.38  | 0.27  | 26.73%                                 | 0.20  | 20.14%                                 | 0.19  | 18.79%                                 |
| ECO16_90          | 1                                 | 610442 | 313415 | 0.03   | 3.16   | 3.19  | 0.19   | 3.16   | 3.35  | 0.24  | 24.37%                                 | 0.18  | 17.78%                                 | 0.16  | 16.41%                                 |
| ECO16_100         | 1                                 | 610437 | 313424 | 0.03   | 3.16   | 3.19  | 0.17   | 3.16   | 3.34  | 0.22  | 22.48%                                 | 0.16  | 15.90%                                 | 0.15  | 14.52%                                 |
| ECO16_110         | 1                                 | 610432 | 313433 | 0.03   | 3.16   | 3.19  | 0.16   | 3.16   | 3.32  | 0.21  | 20.94%                                 | 0.14  | 14.36%                                 | 0.13  | 12.97%                                 |
| ECO16_120         | 1                                 | 610427 | 313441 | 0.03   | 3.16   | 3.19  | 0.14   | 3.16   | 3.31  | 0.20  | 19.66%                                 | 0.13  | 13.07%                                 | 0.12  | 11.67%                                 |
| ECO16_130         | 1                                 | 610422 | 313450 | 0.03   | 3.16   | 3.19  | 0.13   | 3.16   | 3.30  | 0.19  | 18.57%                                 | 0.12  | 11.99%                                 | 0.11  | 10.57%                                 |
| ECO16_140         | 1                                 | 610417 | 313459 | 0.03   | 3.16   | 3.19  | 0.12   | 3.16   | 3.29  | 0.18  | 17.65%                                 | 0.11  | 11.06%                                 | 0.10  | 9.63%                                  |
| ECO16_150         | 1                                 | 610412 | 313467 | 0.03   | 3.16   | 3.19  | 0.12   | 3.16   | 3.28  | 0.17  | 16.85%                                 | 0.10  | 10.26%                                 | 0.09  | 8.82%                                  |
| ECO16_160         | 1                                 | 610407 | 313476 | 0.03   | 3.16   | 3.19  | 0.11   | 3.16   | 3.27  | 0.16  | 16.15%                                 | 0.10  | 9.57%                                  | 0.08  | 8.10%                                  |
| ECO16_170         | 1                                 | 610402 | 313485 | 0.03   | 3.16   | 3.19  | 0.10   | 3.16   | 3.27  | 0.16  | 15.54%                                 | 0.09  | 8.95%                                  | 0.07  | 7.47%                                  |
| ECO16_180         | 1                                 | 610397 | 313493 | 0.03   | 3.16   | 3.19  | 0.10   | 3.16   | 3.26  | 0.15  | 15.00%                                 | 0.08  | 8.41%                                  | 0.07  | 6.91%                                  |
| ECO16_190         | 1                                 | 610391 | 313502 | 0.03   | 3.16   | 3.19  | 0.09   | 3.16   | 3.26  | 0.15  | 14.51%                                 | 0.08  | 7.93%                                  | 0.06  | 6.40%                                  |
| ECO37_10          | 1                                 | 610529 | 313337 | 0.03   | 3.16   | 3.19  | 1.16   | 3.16   | 4.32  | 1.21  | 120.91%                                | 1.14  | 114.32%                                | 1.13  | 113.08%                                |
| ECO37_20          | 1                                 | 610535 | 313330 | 0.03   | 3.16   | 3.19  | 0.66   | 3.16   | 3.83  | 0.72  | 71.60%                                 | 0.65  | 65.01%                                 | 0.64  | 63.78%                                 |
| ECO37_30          | 1                                 | 610542 | 313322 | 0.03   | 3.16   | 3.19  | 0.46   | 3.16   | 3.63  | 0.52  | 51.56%                                 | 0.45  | 44.97%                                 | 0.44  | 43.74%                                 |
| ECO37_40          | 1                                 | 610549 | 313315 | 0.03   | 3.16   | 3.19  | 0.36   | 3.16   | 3.52  | 0.41  | 40.76%                                 | 0.34  | 34.17%                                 | 0.33  | 32.94%                                 |
| ECO37_50          | 1                                 | 610555 | 313307 | 0.03   | 3.16   | 3.19  | 0.29   | 3.16   | 3.45  | 0.34  | 34.04%                                 | 0.27  | 27.45%                                 | 0.26  | 26.23%                                 |
| ECO37_60          | 1                                 | 610562 | 313300 | 0.03   | 3.16   | 3.19  | 0.24   | 3.16   | 3.41  | 0.29  | 29.49%                                 | 0.23  | 22.90%                                 | 0.22  | 21.69%                                 |
| ECO37_70          | 1                                 | 610569 | 313292 | 0.03   | 3.16   | 3.19  | 0.21   | 3.16   | 3.37  | 0.26  | 26.21%                                 | 0.20  | 19.62%                                 | 0.18  | 18.40%                                 |
| ECO37_80          | 1                                 | 610575 | 313285 | 0.03   | 3.16   | 3.19  | 0.19   | 3.16   | 3.35  | 0.24  | 23.74%                                 | 0.17  | 17.15%                                 | 0.16  | 15.94%                                 |
| ECO37_90          | 1                                 | 610582 | 313277 | 0.03   | 3.16   | 3.19  | 0.17   | 3.16   | 3.33  | 0.22  | 21.81%                                 | 0.15  | 15.22%                                 | 0.14  | 14.02%                                 |
| ECO37_100         | 1                                 | 610588 | 313270 | 0.03   | 3.16   | 3.19  | 0.15   | 3.16   | 3.31  | 0.20  | 20.28%                                 | 0.14  | 13.68%                                 | 0.12  | 12.48%                                 |
| ECO37_110         | 1                                 | 610595 | 313262 | 0.03   | 3.16   | 3.19  | 0.14   | 3.16   | 3.30  | 0.19  | 19.02%                                 | 0.12  | 12.43%                                 | 0.11  | 11.23%                                 |
| ECO37_120         | 1                                 | 610602 | 313255 | 0.03   | 3.16   | 3.19  | 0.13   | 3.16   | 3.29  | 0.18  | 17.98%                                 | 0.11  | 11.39%                                 | 0.10  | 10.19%                                 |
| ECO37_130         | 1                                 | 610608 | 313247 | 0.03   | 3.16   | 3.19  | 0.12   | 3.16   | 3.28  | 0.17  | 17.10%                                 | 0.11  | 10.51%                                 | 0.09  | 9.32%                                  |
| ECO37_140         | 1                                 | 610615 | 313240 | 0.03   | 3.16   | 3.19  | 0.11   | 3.16   | 3.28  | 0.16  | 16.35%                                 | 0.10  | 9.76%                                  | 0.09  | 8.57%                                  |
| ECO37_150         | 1                                 | 610622 | 313232 | 0.03   | 3.16   | 3.19  | 0.11   | 3.16   | 3.27  | 0.16  | 15.71%                                 | 0.09  | 9.11%                                  | 0.08  | 7.93%                                  |
| ECO37_160         | 1                                 | 610628 | 313225 | 0.03   | 3.16   | 3.19  | 0.10   | 3.16   | 3.26  | 0.15  | 15.15%                                 | 0.09  | 8.55%                                  | 0.07  | 7.37%                                  |
| ECO37_170         | 1                                 | 610635 | 313217 | 0.03   | 3.16   | 3.19  | 0.09   | 3.16   | 3.26  | 0.15  | 14.65%                                 | 0.08  | 8.06%                                  | 0.07  | 6.88%                                  |
| ECO37_180         | 1                                 | 610641 | 313210 | 0.03   | 3.16   | 3.19  | 0.09   | 3.16   | 3.25  | 0.14  | 14.22%                                 | 0.08  | 7.62%                                  | 0.06  | 6.44%                                  |
| ECO37_190         | 1                                 | 610648 | 313202 | 0.03   | 3.16   | 3.19  | 0.09   | 3.16   | 3.25  | 0.14  | 13.83%                                 | 0.07  | 7.23%                                  | 0.06  | 6.05%                                  |
| ECO37_200         | 1                                 | 610655 | 313195 | 0.03   | 3.16   | 3.19  | 0.08   | 3.16   | 3.25  | 0.13  | 13.48%                                 | 0.07  | 6.88%                                  | 0.06  | 5.70%                                  |
| ECO63_10          | 1                                 | 613278 | 315199 | 0.01   | 3.27   | 3.28  | 1.16   | 3.27   | 4.43  | 1.22  | 122.28%                                | 1.16  | 115.60%                                | 1.15  | 115.25%                                |
| ECO63_20          | 1                                 | 613281 | 315208 | 0.01   | 3.27   | 3.28  | 0.66   | 3.27   | 3.93  | 0.72  | 72.28%                                 | 0.66  | 65.59%                                 | 0.65  | 65.25%                                 |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO63_30          | 1                                 | 613284 | 315218 | 0.01   | 3.27   | 3.28  | 0.47   | 3.27   | 3.73  | 0.53  | 52.53%                                 | 0.46  | 45.84%                                 | 0.45  | 45.49%                                 |
| ECO63_40          | 1                                 | 613287 | 315227 | 0.01   | 3.27   | 3.28  | 0.36   | 3.27   | 3.63  | 0.42  | 41.91%                                 | 0.35  | 35.22%                                 | 0.35  | 34.87%                                 |
| ECO63_50          | 1                                 | 613290 | 315237 | 0.01   | 3.27   | 3.28  | 0.29   | 3.27   | 3.56  | 0.35  | 35.28%                                 | 0.29  | 28.59%                                 | 0.28  | 28.24%                                 |
| ECO63_60          | 1                                 | 613293 | 315246 | 0.01   | 3.27   | 3.28  | 0.25   | 3.27   | 3.51  | 0.31  | 30.73%                                 | 0.24  | 24.04%                                 | 0.24  | 23.69%                                 |
| ECO63_70          | 1                                 | 613296 | 315256 | 0.01   | 3.27   | 3.28  | 0.22   | 3.27   | 3.48  | 0.27  | 27.41%                                 | 0.21  | 20.72%                                 | 0.20  | 20.37%                                 |
| ECO63_80          | 1                                 | 613299 | 315265 | 0.01   | 3.27   | 3.28  | 0.19   | 3.27   | 3.46  | 0.25  | 24.90%                                 | 0.18  | 18.21%                                 | 0.18  | 17.86%                                 |
| ECO63_90          | 1                                 | 613302 | 315275 | 0.01   | 3.27   | 3.28  | 0.17   | 3.27   | 3.44  | 0.23  | 22.93%                                 | 0.16  | 16.23%                                 | 0.16  | 15.88%                                 |
| ECO63_100         | 1                                 | 613305 | 315284 | 0.01   | 3.27   | 3.28  | 0.15   | 3.27   | 3.42  | 0.21  | 21.33%                                 | 0.15  | 14.64%                                 | 0.14  | 14.29%                                 |
| ECO63_110         | 1                                 | 613308 | 315294 | 0.01   | 3.27   | 3.28  | 0.14   | 3.27   | 3.41  | 0.20  | 20.03%                                 | 0.13  | 13.33%                                 | 0.13  | 12.98%                                 |
| ECO63_120         | 1                                 | 613311 | 315304 | 0.01   | 3.27   | 3.28  | 0.13   | 3.27   | 3.40  | 0.19  | 18.93%                                 | 0.12  | 12.24%                                 | 0.12  | 11.89%                                 |
| ECO63_130         | 1                                 | 613314 | 315313 | 0.01   | 3.27   | 3.28  | 0.12   | 3.27   | 3.39  | 0.18  | 18.00%                                 | 0.11  | 11.31%                                 | 0.11  | 10.96%                                 |
| ECO63_140         | 1                                 | 613317 | 315323 | 0.01   | 3.27   | 3.28  | 0.11   | 3.27   | 3.38  | 0.17  | 17.21%                                 | 0.11  | 10.51%                                 | 0.10  | 10.16%                                 |
| ECO63_150         | 1                                 | 613320 | 315332 | 0.01   | 3.27   | 3.28  | 0.11   | 3.27   | 3.37  | 0.17  | 16.52%                                 | 0.10  | 9.82%                                  | 0.09  | 9.47%                                  |
| ECO63_160         | 1                                 | 613323 | 315342 | 0.01   | 3.27   | 3.28  | 0.10   | 3.27   | 3.37  | 0.16  | 15.91%                                 | 0.09  | 9.21%                                  | 0.09  | 8.86%                                  |
| ECO63_170         | 1                                 | 613326 | 315351 | 0.01   | 3.27   | 3.28  | 0.10   | 3.27   | 3.36  | 0.15  | 15.37%                                 | 0.09  | 8.68%                                  | 0.08  | 8.32%                                  |
| ECO63_180         | 1                                 | 613329 | 315361 | 0.01   | 3.27   | 3.28  | 0.09   | 3.27   | 3.36  | 0.15  | 14.90%                                 | 0.08  | 8.20%                                  | 0.08  | 7.84%                                  |
| ECO63_190         | 1                                 | 613332 | 315370 | 0.01   | 3.27   | 3.28  | 0.09   | 3.27   | 3.35  | 0.14  | 14.47%                                 | 0.08  | 7.77%                                  | 0.07  | 7.42%                                  |
| ECO63_200         | 1                                 | 613335 | 315380 | 0.01   | 3.27   | 3.28  | 0.08   | 3.27   | 3.35  | 0.14  | 14.09%                                 | 0.07  | 7.39%                                  | 0.07  | 7.03%                                  |
| ECO75_10          | 1                                 | 612816 | 316744 | 1.45   | 3.65   | 5.10  | 1.01   | 3.65   | 4.66  | 0.17  | 17.32%                                 | -0.13   | -12.80%                                | -0.44   | -43.95%                                |
| ECO75_20          | 1                                 | 612813 | 316754 | 0.79   | 3.65   | 4.44  | 0.56   | 3.65   | 4.21  | 0.13  | 12.90%                                 | -0.06   | -6.46%                                 | -0.24   | -23.58%                                |
| ECO75_30          | 1                                 | 612810 | 316764 | 0.54   | 3.65   | 4.19  | 0.38   | 3.65   | 4.03  | 0.11  | 11.32%                                 | -0.04   | -3.99%                                 | -0.16   | -15.63%                                |
| ECO75_40          | 1                                 | 612807 | 316773 | 0.40   | 3.65   | 4.06  | 0.29   | 3.65   | 3.94  | 0.11  | 10.55%                                 | -0.03   | -2.69%                                 | -0.11   | -11.45%                                |
| ECO75_50          | 1                                 | 612804 | 316783 | 0.32   | 3.65   | 3.97  | 0.23   | 3.65   | 3.89  | 0.10  | 10.10%                                 | -0.02   | -1.90%                                 | -0.09   | -8.92%                                 |
| ECO75_60          | 1                                 | 612801 | 316792 | 0.27   | 3.65   | 3.92  | 0.20   | 3.65   | 3.85  | 0.10  | 9.82%                                  | -0.01   | -1.37%                                 | -0.07   | -7.21%                                 |
| ECO75_70          | 1                                 | 612798 | 316802 | 0.23   | 3.65   | 3.88  | 0.17   | 3.65   | 3.82  | 0.10  | 9.62%                                  | -0.01   | -1.00%                                 | -0.06   | -5.99%                                 |
| ECO75_80          | 1                                 | 612795 | 316811 | 0.20   | 3.65   | 3.85  | 0.15   | 3.65   | 3.80  | 0.09  | 9.47%                                  | -0.01   | -0.71%                                 | -0.05   | -5.07%                                 |
| ECO75_90          | 1                                 | 612792 | 316821 | 0.18   | 3.65   | 3.83  | 0.13   | 3.65   | 3.79  | 0.09  | 9.36%                                  | 0.00  | -0.49%                                 | -0.04   | -4.35%                                 |
| ECO75_100         | 1                                 | 612789 | 316830 | 0.16   | 3.65   | 3.81  | 0.12   | 3.65   | 3.77  | 0.09  | 9.27%                                  | 0.00  | -0.32%                                 | -0.04   | -3.79%                                 |
| ECO75_110         | 1                                 | 612786 | 316840 | 0.14   | 3.65   | 3.80  | 0.11   | 3.65   | 3.76  | 0.09  | 9.20%                                  | 0.00  | -0.18%                                 | -0.03   | -3.33%                                 |
| ECO75_120         | 1                                 | 612783 | 316850 | 0.13   | 3.65   | 3.78  | 0.10   | 3.65   | 3.76  | 0.09  | 9.14%                                  | 0.00  | -0.06%                                 | -0.03   | -2.95%                                 |
| ECO75_130         | 1                                 | 612780 | 316859 | 0.12   | 3.65   | 3.77  | 0.10   | 3.65   | 3.75  | 0.09  | 9.09%                                  | 0.00  | 0.03%                                  | -0.03   | -2.64%                                 |
| ECO75_140         | 1                                 | 612777 | 316869 | 0.11   | 3.65   | 3.77  | 0.09   | 3.65   | 3.74  | 0.09  | 9.04%                                  | 0.00  | 0.11%                                  | -0.02   | -2.37%                                 |
| ECO75_150         | 1                                 | 612774 | 316878 | 0.11   | 3.65   | 3.76  | 0.08   | 3.65   | 3.74  | 0.09  | 9.01%                                  | 0.00  | 0.17%                                  | -0.02   | -2.15%                                 |
| ECO75_160         | 1                                 | 612771 | 316888 | 0.10   | 3.65   | 3.75  | 0.08   | 3.65   | 3.73  | 0.09  | 8.97%                                  | 0.00  | 0.23%                                  | -0.02   | -1.95%                                 |
| ECO75_170         | 1                                 | 612768 | 316897 | 0.09   | 3.65   | 3.75  | 0.08   | 3.65   | 3.73  | 0.09  | 8.94%                                  | 0.00  | 0.28%                                  | -0.02   | -1.78%                                 |
| ECO75_180         | 1                                 | 612765 | 316907 | 0.09   | 3.65   | 3.74  | 0.07   | 3.65   | 3.73  | 0.09  | 8.91%                                  | 0.00  | 0.32%                                  | -0.02   | -1.64%                                 |
| ECO75_190         | 1                                 | 612762 | 316916 | 0.08   | 3.65   | 3.74  | 0.07   | 3.65   | 3.72  | 0.09  | 8.88%                                  | 0.00  | 0.35%                                  | -0.02   | -1.51%                                 |
| ECO75_200         | 1                                 | 612759 | 316926 | 0.08   | 3.65   | 3.73  | 0.07   | 3.65   | 3.72  | 0.09  | 8.86%                                  | 0.00  | 0.38%                                  | -0.01   | -1.40%                                 |
| ECO74_10          | 1                                 | 612819 | 316725 | 0.80   | 3.65   | 4.45  | 0.56   | 3.65   | 4.21  | 0.13  | 12.94%                                 | -0.07   | -6.56%                                 | -0.24   | -23.92%                                |
| ECO74_20          | 1                                 | 612820 | 316715 | 0.42   | 3.65   | 4.07  | 0.30   | 3.65   | 3.95  | 0.11  | 10.57%                                 | -0.03   | -2.86%                                 | -0.12   | -12.00%                                |
| ECO74_30          | 1                                 | 612820 | 316705 | 0.28   | 3.65   | 3.93  | 0.20   | 3.65   | 3.85  | 0.10  | 9.78%                                  | -0.01   | -1.47%                                 | -0.08   | -7.53%                                 |
| ECO74_40          | 1                                 | 612821 | 316695 | 0.20   | 3.65   | 3.86  | 0.15   | 3.65   | 3.80  | 0.09  | 9.41%                                  | -0.01   | -0.77%                                 | -0.05   | -5.28%                                 |
| ECO74_50          | 1                                 | 612821 | 316685 | 0.16   | 3.65   | 3.81  | 0.12   | 3.65   | 3.77  | 0.09  | 9.20%                                  | 0.00  | -0.35%                                 | -0.04   | -3.93%                                 |
| ECO74_60          | 1                                 | 612822 | 316675 | 0.13   | 3.65   | 3.79  | 0.10   | 3.65   | 3.76  | 0.09  | 9.08%                                  | 0.00  | -0.07%                                 | -0.03   | -3.04%                                 |
| ECO74_70          | 1                                 | 612822 | 316665 | 0.11   | 3.65   | 3.77  | 0.09   | 3.65   | 3.74  | 0.09  | 8.99%                                  | 0.00  | 0.12%                                  | -0.02   | -2.41%                                 |
| ECO74_80          | 1                                 | 612823 | 316655 | 0.10   | 3.65   | 3.75  | 0.08   | 3.65   | 3.73  | 0.09  | 8.93%                                  | 0.00  | 0.26%                                  | -0.02   | -1.95%                                 |
| ECO74_90          | 1                                 | 612823 | 316645 | 0.09   | 3.65   | 3.74  | 0.07   | 3.65   | 3.72  | 0.09  | 8.89%                                  | 0.00  | 0.38%                                  | -0.02   | -1.60%                                 |
| ECO74_100         | 1                                 | 612824 | 316635 | 0.08   | 3.65   | 3.73  | 0.07   | 3.65   | 3.72  | 0.09  | 8.86%                                  | 0.00  | 0.47%                                  | -0.01   | -1.32%                                 |
| ECO74_110         | 1                                 | 612824 | 316625 | 0.07   | 3.65   | 3.72  | 0.06   | 3.65   | 3.71  | 0.09  | 8.84%                                  | 0.01  | 0.54%                                  | -0.01   | -1.09%                                 |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO74_120         | 1                                 | 612825 | 316615 | 0.07   | 3.65   | 3.72  | 0.06   | 3.65   | 3.71  | 0.09  | 8.82%                                  | 0.01  | 0.60%                                  | -0.01   | -0.91%                                 |
| ECO74_130         | 1                                 | 612825 | 316605 | 0.06   | 3.65   | 3.71  | 0.05   | 3.65   | 3.71  | 0.09  | 8.81%                                  | 0.01  | 0.65%                                  | -0.01   | -0.75%                                 |
| ECO74_140         | 1                                 | 612826 | 316595 | 0.06   | 3.65   | 3.71  | 0.05   | 3.65   | 3.70  | 0.09  | 8.79%                                  | 0.01  | 0.70%                                  | -0.01   | -0.62%                                 |
| ECO74_150         | 1                                 | 612826 | 316585 | 0.05   | 3.65   | 3.71  | 0.05   | 3.65   | 3.70  | 0.09  | 8.79%                                  | 0.01  | 0.74%                                  | -0.01   | -0.50%                                 |
| ECO74_160         | 1                                 | 612827 | 316575 | 0.05   | 3.65   | 3.70  | 0.05   | 3.65   | 3.70  | 0.09  | 8.78%                                  | 0.01  | 0.77%                                  | 0.00  | -0.40%                                 |
| ECO74_170         | 1                                 | 612827 | 316565 | 0.05   | 3.65   | 3.70  | 0.04   | 3.65   | 3.70  | 0.09  | 8.78%                                  | 0.01  | 0.80%                                  | 0.00  | -0.31%                                 |
| ECO74_180         | 1                                 | 612828 | 316555 | 0.05   | 3.65   | 3.70  | 0.04   | 3.65   | 3.70  | 0.09  | 8.77%                                  | 0.01  | 0.83%                                  | 0.00  | -0.24%                                 |
| ECO74_190         | 1                                 | 612828 | 316545 | 0.04   | 3.65   | 3.70  | 0.04   | 3.65   | 3.69  | 0.09  | 8.77%                                  | 0.01  | 0.86%                                  | 0.00  | -0.17%                                 |
| ECO74_200         | 1                                 | 612829 | 316535 | 0.04   | 3.65   | 3.69  | 0.04   | 3.65   | 3.69  | 0.09  | 8.77%                                  | 0.01  | 0.88%                                  | 0.00  | -0.10%                                 |
| ECO42_10          | 1                                 | 610229 | 318259 | 1.04   | 3.37   | 4.40  | 0.93   | 3.37   | 4.29  | 0.16  | 15.91%                                 | -0.11   | -11.47%                                | -0.11   | -11.01%                                |
| ECO42_20          | 1                                 | 610236 | 318267 | 0.56   | 3.37   | 3.93  | 0.50   | 3.37   | 3.87  | 0.11  | 11.24%                                 | -0.06   | -6.26%                                 | -0.06   | -6.17%                                 |
| ECO42_30          | 1                                 | 610242 | 318274 | 0.38   | 3.37   | 3.75  | 0.34   | 3.37   | 3.71  | 0.10  | 9.58%                                  | -0.04   | -4.23%                                 | -0.04   | -4.29%                                 |
| ECO42_40          | 1                                 | 610248 | 318282 | 0.29   | 3.37   | 3.65  | 0.25   | 3.37   | 3.62  | 0.09  | 8.76%                                  | -0.03   | -3.17%                                 | -0.03   | -3.31%                                 |
| ECO42_50          | 1                                 | 610255 | 318290 | 0.23   | 3.37   | 3.60  | 0.20   | 3.37   | 3.57  | 0.08  | 8.30%                                  | -0.03   | -2.52%                                 | -0.03   | -2.72%                                 |
| ECO42_60          | 1                                 | 610261 | 318298 | 0.19   | 3.37   | 3.56  | 0.17   | 3.37   | 3.54  | 0.08  | 8.01%                                  | -0.02   | -2.09%                                 | -0.02   | -2.32%                                 |
| ECO42_70          | 1                                 | 610267 | 318305 | 0.16   | 3.37   | 3.53  | 0.14   | 3.37   | 3.51  | 0.08  | 7.82%                                  | -0.02   | -1.77%                                 | -0.02   | -2.04%                                 |
| ECO42_80          | 1                                 | 610274 | 318313 | 0.14   | 3.37   | 3.51  | 0.13   | 3.37   | 3.49  | 0.08  | 7.68%                                  | -0.02   | -1.54%                                 | -0.02   | -1.82%                                 |
| ECO42_90          | 1                                 | 610280 | 318321 | 0.13   | 3.37   | 3.49  | 0.11   | 3.37   | 3.48  | 0.08  | 7.59%                                  | -0.01   | -1.35%                                 | -0.02   | -1.65%                                 |
| ECO42_100         | 1                                 | 610286 | 318329 | 0.11   | 3.37   | 3.48  | 0.10   | 3.37   | 3.47  | 0.08  | 7.51%                                  | -0.01   | -1.20%                                 | -0.02   | -1.51%                                 |
| ECO42_110         | 1                                 | 610293 | 318336 | 0.10   | 3.37   | 3.47  | 0.09   | 3.37   | 3.46  | 0.07  | 7.46%                                  | -0.01   | -1.07%                                 | -0.01   | -1.39%                                 |
| ECO42_120         | 1                                 | 610299 | 318344 | 0.10   | 3.37   | 3.46  | 0.08   | 3.37   | 3.45  | 0.07  | 7.42%                                  | -0.01   | -0.96%                                 | -0.01   | -1.29%                                 |
| ECO42_130         | 1                                 | 610305 | 318352 | 0.09   | 3.37   | 3.46  | 0.08   | 3.37   | 3.44  | 0.07  | 7.39%                                  | -0.01   | -0.86%                                 | -0.01   | -1.21%                                 |
| ECO42_140         | 1                                 | 610311 | 318360 | 0.08   | 3.37   | 3.45  | 0.07   | 3.37   | 3.44  | 0.07  | 7.36%                                  | -0.01   | -0.78%                                 | -0.01   | -1.13%                                 |
| ECO42_150         | 1                                 | 610318 | 318367 | 0.08   | 3.37   | 3.44  | 0.07   | 3.37   | 3.43  | 0.07  | 7.34%                                  | -0.01   | -0.71%                                 | -0.01   | -1.06%                                 |
| ECO42_160         | 1                                 | 610324 | 318375 | 0.07   | 3.37   | 3.44  | 0.06   | 3.37   | 3.43  | 0.07  | 7.33%                                  | -0.01   | -0.65%                                 | -0.01   | -0.99%                                 |
| ECO42_170         | 1                                 | 610330 | 318383 | 0.07   | 3.37   | 3.44  | 0.06   | 3.37   | 3.43  | 0.07  | 7.31%                                  | -0.01   | -0.59%                                 | -0.01   | -0.94%                                 |
| ECO66_10          | 1                                 | 610229 | 318240 | 0.61   | 3.37   | 3.98  | 0.54   | 3.37   | 3.91  | 0.12  | 11.64%                                 | -0.07   | -6.80%                                 | -0.07   | -6.66%                                 |
| ECO66_20          | 1                                 | 610227 | 318230 | 0.31   | 3.37   | 3.68  | 0.28   | 3.37   | 3.65  | 0.09  | 8.89%                                  | -0.04   | -3.54%                                 | -0.04   | -3.62%                                 |
| ECO66_30          | 1                                 | 610224 | 318220 | 0.21   | 3.37   | 3.57  | 0.18   | 3.37   | 3.55  | 0.08  | 7.99%                                  | -0.02   | -2.34%                                 | -0.03   | -2.51%                                 |
| ECO66_40          | 1                                 | 610222 | 318211 | 0.15   | 3.37   | 3.52  | 0.13   | 3.37   | 3.50  | 0.08  | 7.58%                                  | -0.02   | -1.74%                                 | -0.02   | -1.94%                                 |
| ECO66_50          | 1                                 | 610220 | 318201 | 0.12   | 3.37   | 3.49  | 0.10   | 3.37   | 3.47  | 0.07  | 7.36%                                  | -0.01   | -1.39%                                 | -0.02   | -1.60%                                 |
| ECO66_60          | 1                                 | 610217 | 318191 | 0.10   | 3.37   | 3.47  | 0.09   | 3.37   | 3.45  | 0.07  | 7.23%                                  | -0.01   | -1.15%                                 | -0.01   | -1.37%                                 |
| ECO66_70          | 1                                 | 610215 | 318181 | 0.09   | 3.37   | 3.45  | 0.07   | 3.37   | 3.44  | 0.07  | 7.15%                                  | -0.01   | -0.98%                                 | -0.01   | -1.21%                                 |
| ECO66_80          | 1                                 | 610213 | 318172 | 0.07   | 3.37   | 3.44  | 0.06   | 3.37   | 3.43  | 0.07  | 7.10%                                  | -0.01   | -0.86%                                 | -0.01   | -1.09%                                 |
| ECO66_90          | 1                                 | 610210 | 318162 | 0.07   | 3.37   | 3.43  | 0.06   | 3.37   | 3.42  | 0.07  | 7.06%                                  | -0.01   | -0.76%                                 | -0.01   | -1.00%                                 |
| ECO66_100         | 1                                 | 610208 | 318152 | 0.06   | 3.37   | 3.43  | 0.05   | 3.37   | 3.42  | 0.07  | 7.04%                                  | -0.01   | -0.69%                                 | -0.01   | -0.92%                                 |
| ECO66_110         | 1                                 | 610206 | 318143 | 0.05   | 3.37   | 3.42  | 0.05   | 3.37   | 3.41  | 0.07  | 7.02%                                  | -0.01   | -0.62%                                 | -0.01   | -0.85%                                 |
| ECO66_120         | 1                                 | 610203 | 318133 | 0.05   | 3.37   | 3.42  | 0.04   | 3.37   | 3.41  | 0.07  | 7.00%                                  | -0.01   | -0.57%                                 | -0.01   | -0.80%                                 |
| ECO66_130         | 1                                 | 610201 | 318123 | 0.05   | 3.37   | 3.41  | 0.04   | 3.37   | 3.41  | 0.07  | 6.99%                                  | -0.01   | -0.52%                                 | -0.01   | -0.75%                                 |
| ECO66_140         | 1                                 | 610199 | 318113 | 0.04   | 3.37   | 3.41  | 0.04   | 3.37   | 3.40  | 0.07  | 6.98%                                  | 0.00  | -0.49%                                 | -0.01   | -0.71%                                 |
| ECO66_150         | 1                                 | 610196 | 318104 | 0.04   | 3.37   | 3.41  | 0.03   | 3.37   | 3.40  | 0.07  | 6.97%                                  | 0.00  | -0.45%                                 | -0.01   | -0.68%                                 |
| ECO66_160         | 1                                 | 610194 | 318094 | 0.04   | 3.37   | 3.41  | 0.03   | 3.37   | 3.40  | 0.07  | 6.97%                                  | 0.00  | -0.42%                                 | -0.01   | -0.65%                                 |
| ECO66_170         | 1                                 | 610192 | 318084 | 0.04   | 3.37   | 3.40  | 0.03   | 3.37   | 3.40  | 0.07  | 6.96%                                  | 0.00  | -0.40%                                 | -0.01   | -0.62%                                 |
| ECO66_180         | 1                                 | 610189 | 318075 | 0.04   | 3.37   | 3.40  | 0.03   | 3.37   | 3.40  | 0.07  | 6.96%                                  | 0.00  | -0.37%                                 | -0.01   | -0.60%                                 |
| ECO66_190         | 1                                 | 610187 | 318065 | 0.03   | 3.37   | 3.40  | 0.03   | 3.37   | 3.40  | 0.07  | 6.95%                                  | 0.00  | -0.35%                                 | -0.01   | -0.58%                                 |
| ECO66_200         | 1                                 | 610185 | 318055 | 0.03   | 3.37   | 3.40  | 0.03   | 3.37   | 3.39  | 0.07  | 6.95%                                  | 0.00  | -0.34%                                 | -0.01   | -0.56%                                 |
| ECO67_10          | 1                                 | 616149 | 313154 | 0.57   | 2.86   | 3.42  | 0.45   | 2.86   | 3.30  | 0.16  | 16.20%                                 | 0.05  | 4.62%                                  | -0.12   | -11.81%                                |
| ECO67_20          | 1                                 | 616159 | 313154 | 0.32   | 2.86   | 3.18  | 0.25   | 2.86   | 3.11  | 0.12  | 11.82%                                 | 0.03  | 2.85%                                  | -0.06   | -6.42%                                 |
| ECO67_30          | 1                                 | 616169 | 313154 | 0.22   | 2.86   | 3.08  | 0.18   | 2.86   | 3.04  | 0.10  | 10.14%                                 | 0.02  | 2.15%                                  | -0.04   | -4.31%                                 |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO67_40          | 1                                 | 616179 | 313155 | 0.17   | 2.86   | 3.03  | 0.14   | 2.86   | 3.00  | 0.09  | 9.27%                                  | 0.02  | 1.79%                                  | -0.03   | -3.21%                                 |
| ECO67_50          | 1                                 | 616189 | 313155 | 0.14   | 2.86   | 3.00  | 0.12   | 2.86   | 2.97  | 0.09  | 8.75%                                  | 0.02  | 1.57%                                  | -0.03   | -2.53%                                 |
| ECO67_60          | 1                                 | 616199 | 313156 | 0.12   | 2.86   | 2.98  | 0.10   | 2.86   | 2.96  | 0.08  | 8.40%                                  | 0.01  | 1.42%                                  | -0.02   | -2.08%                                 |
| ECO67_70          | 1                                 | 616209 | 313156 | 0.11   | 2.86   | 2.96  | 0.09   | 2.86   | 2.95  | 0.08  | 8.14%                                  | 0.01  | 1.31%                                  | -0.02   | -1.75%                                 |
| ECO67_80          | 1                                 | 616219 | 313156 | 0.10   | 2.86   | 2.95  | 0.08   | 2.86   | 2.94  | 0.08  | 7.96%                                  | 0.01  | 1.23%                                  | -0.02   | -1.51%                                 |
| ECO67_90          | 1                                 | 616229 | 313157 | 0.09   | 2.86   | 2.94  | 0.07   | 2.86   | 2.93  | 0.08  | 7.81%                                  | 0.01  | 1.17%                                  | -0.01   | -1.31%                                 |
| ECO67_100         | 1                                 | 616239 | 313157 | 0.08   | 2.86   | 2.94  | 0.07   | 2.86   | 2.93  | 0.08  | 7.69%                                  | 0.01  | 1.12%                                  | -0.01   | -1.16%                                 |
| ECO67_110         | 1                                 | 616249 | 313157 | 0.07   | 2.86   | 2.93  | 0.06   | 2.86   | 2.92  | 0.08  | 7.60%                                  | 0.01  | 1.08%                                  | -0.01   | -1.04%                                 |
| ECO67_120         | 1                                 | 616259 | 313158 | 0.07   | 2.86   | 2.93  | 0.06   | 2.86   | 2.92  | 0.08  | 7.52%                                  | 0.01  | 1.05%                                  | -0.01   | -0.93%                                 |
| ECO67_130         | 1                                 | 616269 | 313158 | 0.07   | 2.86   | 2.92  | 0.06   | 2.86   | 2.91  | 0.07  | 7.45%                                  | 0.01  | 1.02%                                  | -0.01   | -0.84%                                 |
| ECO67_140         | 1                                 | 616279 | 313159 | 0.06   | 2.86   | 2.92  | 0.05   | 2.86   | 2.91  | 0.07  | 7.40%                                  | 0.01  | 0.99%                                  | -0.01   | -0.77%                                 |
| ECO67_150         | 1                                 | 616289 | 313159 | 0.06   | 2.86   | 2.92  | 0.05   | 2.86   | 2.91  | 0.07  | 7.35%                                  | 0.01  | 0.97%                                  | -0.01   | -0.70%                                 |
| ECO67_160         | 1                                 | 616299 | 313159 | 0.06   | 2.86   | 2.91  | 0.05   | 2.86   | 2.91  | 0.07  | 7.30%                                  | 0.01  | 0.95%                                  | -0.01   | -0.65%                                 |
| ECO67_170         | 1                                 | 616309 | 313160 | 0.05   | 2.86   | 2.91  | 0.05   | 2.86   | 2.91  | 0.07  | 7.26%                                  | 0.01  | 0.94%                                  | -0.01   | -0.60%                                 |
| ECO67_180         | 1                                 | 616319 | 313160 | 0.05   | 2.86   | 2.91  | 0.05   | 2.86   | 2.90  | 0.07  | 7.23%                                  | 0.01  | 0.92%                                  | -0.01   | -0.55%                                 |
| ECO67_190         | 1                                 | 616329 | 313160 | 0.05   | 2.86   | 2.91  | 0.05   | 2.86   | 2.90  | 0.07  | 7.20%                                  | 0.01  | 0.91%                                  | -0.01   | -0.51%                                 |
| ECO67_200         | 1                                 | 616339 | 313161 | 0.05   | 2.86   | 2.91  | 0.04   | 2.86   | 2.90  | 0.07  | 7.18%                                  | 0.01  | 0.90%                                  | 0.00  | -0.48%                                 |
| ECO68_10          | 1                                 | 614881 | 313989 | 0.22   | 2.96   | 3.18  | 0.05   | 2.96   | 3.01  | -0.11   | -11.27%                                | -0.21   | -20.89%                                | -0.17   | -17.40%                                |
| ECO68_20          | 1                                 | 614891 | 313986 | 0.12   | 2.96   | 3.08  | 0.03   | 2.96   | 2.99  | -0.03   | -2.57%                                 | -0.10   | -10.42%                                | -0.09   | -8.81%                                 |
| ECO68_30          | 1                                 | 614900 | 313984 | 0.08   | 2.96   | 3.04  | 0.03   | 2.96   | 2.99  | 0.01  | 0.67%                                  | -0.07   | -6.55%                                 | -0.06   | -5.63%                                 |
| ECO68_40          | 1                                 | 614910 | 313982 | 0.06   | 2.96   | 3.02  | 0.02   | 2.96   | 2.98  | 0.02  | 2.31%                                  | -0.05   | -4.61%                                 | -0.04   | -4.04%                                 |
| ECO68_50          | 1                                 | 614920 | 313979 | 0.05   | 2.96   | 3.01  | 0.02   | 2.96   | 2.98  | 0.03  | 3.29%                                  | -0.03   | -3.44%                                 | -0.03   | -3.08%                                 |
| ECO68_60          | 1                                 | 614930 | 313977 | 0.04   | 2.96   | 3.00  | 0.02   | 2.96   | 2.98  | 0.04  | 3.94%                                  | -0.03   | -2.67%                                 | -0.02   | -2.45%                                 |
| ECO68_70          | 1                                 | 614939 | 313975 | 0.04   | 2.96   | 3.00  | 0.02   | 2.96   | 2.98  | 0.04  | 4.40%                                  | -0.02   | -2.13%                                 | -0.02   | -2.01%                                 |
| ECO68_80          | 1                                 | 614949 | 313972 | 0.04   | 2.96   | 3.00  | 0.02   | 2.96   | 2.98  | 0.05  | 4.74%                                  | -0.02   | -1.72%                                 | -0.02   | -1.68%                                 |
| ECO68_90          | 1                                 | 614959 | 313970 | 0.03   | 2.96   | 2.99  | 0.02   | 2.96   | 2.98  | 0.05  | 5.00%                                  | -0.01   | -1.41%                                 | -0.01   | -1.42%                                 |
| ECO68_100         | 1                                 | 614968 | 313967 | 0.03   | 2.96   | 2.99  | 0.02   | 2.96   | 2.98  | 0.05  | 5.21%                                  | -0.01   | -1.17%                                 | -0.01   | -1.23%                                 |
| ECO68_110         | 1                                 | 614978 | 313965 | 0.03   | 2.96   | 2.99  | 0.02   | 2.96   | 2.98  | 0.05  | 5.37%                                  | -0.01   | -0.98%                                 | -0.01   | -1.07%                                 |
| ECO68_120         | 1                                 | 614988 | 313963 | 0.03   | 2.96   | 2.99  | 0.02   | 2.96   | 2.98  | 0.06  | 5.51%                                  | -0.01   | -0.82%                                 | -0.01   | -0.94%                                 |
| ECO68_130         | 1                                 | 614998 | 313960 | 0.03   | 2.96   | 2.99  | 0.02   | 2.96   | 2.98  | 0.06  | 5.62%                                  | -0.01   | -0.68%                                 | -0.01   | -0.83%                                 |
| ECO68_140         | 1                                 | 615007 | 313958 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 5.72%                                  | -0.01   | -0.57%                                 | -0.01   | -0.74%                                 |
| ECO68_150         | 1                                 | 615017 | 313956 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 5.80%                                  | 0.00  | -0.47%                                 | -0.01   | -0.66%                                 |
| ECO68_160         | 1                                 | 615027 | 313953 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 5.87%                                  | 0.00  | -0.39%                                 | -0.01   | -0.59%                                 |
| ECO68_170         | 1                                 | 615036 | 313951 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 5.93%                                  | 0.00  | -0.32%                                 | -0.01   | -0.53%                                 |
| ECO68_180         | 1                                 | 615046 | 313949 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 5.98%                                  | 0.00  | -0.25%                                 | 0.00  | -0.48%                                 |
| ECO68_190         | 1                                 | 615056 | 313946 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 6.03%                                  | 0.00  | -0.20%                                 | 0.00  | -0.44%                                 |
| ECO68_200         | 1                                 | 615066 | 313944 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 6.07%                                  | 0.00  | -0.15%                                 | 0.00  | -0.40%                                 |
| ECO28_10          | 1                                 | 614090 | 315377 | 0.03   | 3.16   | 3.19  | 1.35   | 3.16   | 4.51  | 1.39  | 139.05%                                | 1.32  | 132.31%                                | 1.32  | 131.58%                                |
| ECO28_20          | 1                                 | 614099 | 315373 | 0.03   | 3.16   | 3.19  | 0.78   | 3.16   | 3.95  | 0.83  | 82.86%                                 | 0.76  | 76.13%                                 | 0.75  | 75.39%                                 |
| ECO28_30          | 1                                 | 614109 | 315370 | 0.03   | 3.16   | 3.19  | 0.55   | 3.16   | 3.71  | 0.60  | 59.65%                                 | 0.53  | 52.91%                                 | 0.52  | 52.17%                                 |
| ECO28_40          | 1                                 | 614118 | 315366 | 0.03   | 3.16   | 3.19  | 0.42   | 3.16   | 3.59  | 0.47  | 46.90%                                 | 0.40  | 40.16%                                 | 0.39  | 39.42%                                 |
| ECO28_50          | 1                                 | 614127 | 315362 | 0.03   | 3.16   | 3.19  | 0.34   | 3.16   | 3.51  | 0.39  | 38.93%                                 | 0.32  | 32.18%                                 | 0.31  | 31.44%                                 |
| ECO28_60          | 1                                 | 614137 | 315359 | 0.03   | 3.16   | 3.19  | 0.29   | 3.16   | 3.45  | 0.33  | 33.48%                                 | 0.27  | 26.74%                                 | 0.26  | 26.00%                                 |
| ECO28_70          | 1                                 | 614146 | 315355 | 0.03   | 3.16   | 3.19  | 0.25   | 3.16   | 3.41  | 0.30  | 29.54%                                 | 0.23  | 22.80%                                 | 0.22  | 22.05%                                 |
| ECO28_80          | 1                                 | 614155 | 315351 | 0.03   | 3.16   | 3.19  | 0.22   | 3.16   | 3.38  | 0.27  | 26.60%                                 | 0.20  | 19.85%                                 | 0.19  | 19.10%                                 |
| ECO28_90          | 1                                 | 614165 | 315348 | 0.03   | 3.16   | 3.19  | 0.20   | 3.16   | 3.36  | 0.24  | 24.31%                                 | 0.18  | 17.56%                                 | 0.17  | 16.81%                                 |
| ECO28_100         | 1                                 | 614174 | 315344 | 0.03   | 3.16   | 3.19  | 0.18   | 3.16   | 3.34  | 0.22  | 22.48%                                 | 0.16  | 15.73%                                 | 0.15  | 14.97%                                 |
| ECO28_110         | 1                                 | 614183 | 315341 | 0.03   | 3.16   | 3.19  | 0.17   | 3.16   | 3.33  | 0.21  | 20.99%                                 | 0.14  | 14.24%                                 | 0.13  | 13.48%                                 |
| ECO28_120         | 1                                 | 614192 | 315337 | 0.03   | 3.16   | 3.19  | 0.15   | 3.16   | 3.32  | 0.20  | 19.76%                                 | 0.13  | 13.01%                                 | 0.12  | 12.25%                                 |

| Receptor ID point | CLvl (µg/m³) | x      | y      | 3. DM 2044 Road NH3 (µg/m³) | 3. DM 2044 Background NH3 (µg/m³) | 3. DM 2044 Total NH3 (µg/m³) | 4. DS 2044 Road NH3 (µg/m³) | 4. DS 2044 Background NH3 (µg/m³) | 4. DS 2044 Total NH3 (µg/m³) | 4.-1. Change NH3 (µg/m³) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 (µg/m³) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 (µg/m³) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|--------------|--------|--------|-----------------------------|-----------------------------------|------------------------------|-----------------------------|-----------------------------------|------------------------------|--------------------------|--|--------------------------|--|--------------------------|--|
| ECO28_130         | 1            | 614202 | 315333 | 0.03                        | 3.16                              | 3.19                         | 0.14                        | 3.16                              | 3.31                         | 0.19                     | 18.74%                                 | 0.12                     | 11.99%                                 | 0.11                     | 11.23%                                 |
| ECO28_140         | 1            | 614211 | 315330 | 0.03                        | 3.16                              | 3.19                         | 0.13                        | 3.16                              | 3.30                         | 0.18                     | 17.87%                                 | 0.11                     | 11.11%                                 | 0.10                     | 10.35%                                 |
| ECO28_150         | 1            | 614220 | 315326 | 0.03                        | 3.16                              | 3.19                         | 0.13                        | 3.16                              | 3.29                         | 0.17                     | 17.12%                                 | 0.10                     | 10.36%                                 | 0.10                     | 9.60%                                  |
| ECO28_160         | 1            | 614230 | 315322 | 0.03                        | 3.16                              | 3.19                         | 0.12                        | 3.16                              | 3.28                         | 0.16                     | 16.48%                                 | 0.10                     | 9.72%                                  | 0.09                     | 8.96%                                  |
| ECO28_170         | 1            | 614239 | 315319 | 0.03                        | 3.16                              | 3.19                         | 0.12                        | 3.16                              | 3.28                         | 0.16                     | 15.92%                                 | 0.09                     | 9.16%                                  | 0.08                     | 8.39%                                  |
| ECO28_180         | 1            | 614248 | 315315 | 0.03                        | 3.16                              | 3.19                         | 0.11                        | 3.16                              | 3.27                         | 0.15                     | 15.43%                                 | 0.09                     | 8.67%                                  | 0.08                     | 7.90%                                  |
| ECO28_190         | 1            | 614258 | 315312 | 0.03                        | 3.16                              | 3.20                         | 0.11                        | 3.16                              | 3.27                         | 0.15                     | 15.00%                                 | 0.08                     | 8.24%                                  | 0.07                     | 7.47%                                  |
| ECO28_200         | 1            | 614267 | 315308 | 0.03                        | 3.16                              | 3.20                         | 0.10                        | 3.16                              | 3.27                         | 0.15                     | 14.62%                                 | 0.08                     | 7.86%                                  | 0.07                     | 7.09%                                  |
| ECO39_10          | 1            | 614064 | 315397 | 0.03                        | 3.16                              | 3.19                         | 1.28                        | 3.16                              | 4.45                         | 1.33                     | 132.77%                                | 1.26                     | 126.03%                                | 1.25                     | 125.29%                                |
| ECO39_20          | 1            | 614057 | 315403 | 0.03                        | 3.16                              | 3.19                         | 0.78                        | 3.16                              | 3.94                         | 0.82                     | 82.27%                                 | 0.76                     | 75.53%                                 | 0.75                     | 74.78%                                 |
| ECO39_30          | 1            | 614049 | 315410 | 0.03                        | 3.16                              | 3.19                         | 0.56                        | 3.16                              | 3.72                         | 0.60                     | 60.21%                                 | 0.53                     | 53.47%                                 | 0.53                     | 52.73%                                 |
| ECO39_40          | 1            | 614041 | 315416 | 0.03                        | 3.16                              | 3.19                         | 0.43                        | 3.16                              | 3.60                         | 0.48                     | 47.94%                                 | 0.41                     | 41.20%                                 | 0.40                     | 40.45%                                 |
| ECO39_50          | 1            | 614034 | 315423 | 0.03                        | 3.16                              | 3.19                         | 0.36                        | 3.16                              | 3.52                         | 0.40                     | 40.15%                                 | 0.33                     | 33.41%                                 | 0.33                     | 32.66%                                 |
| ECO39_60          | 1            | 614026 | 315430 | 0.03                        | 3.16                              | 3.19                         | 0.30                        | 3.16                              | 3.47                         | 0.35                     | 34.75%                                 | 0.28                     | 28.01%                                 | 0.27                     | 27.25%                                 |
| ECO39_70          | 1            | 614019 | 315436 | 0.03                        | 3.16                              | 3.19                         | 0.26                        | 3.16                              | 3.43                         | 0.31                     | 30.84%                                 | 0.24                     | 24.09%                                 | 0.23                     | 23.33%                                 |
| ECO39_80          | 1            | 614011 | 315443 | 0.03                        | 3.16                              | 3.19                         | 0.23                        | 3.16                              | 3.40                         | 0.28                     | 27.87%                                 | 0.21                     | 21.12%                                 | 0.20                     | 20.36%                                 |
| ECO39_90          | 1            | 614004 | 315449 | 0.03                        | 3.16                              | 3.19                         | 0.21                        | 3.16                              | 3.37                         | 0.26                     | 25.55%                                 | 0.19                     | 18.79%                                 | 0.18                     | 18.03%                                 |
| ECO39_100         | 1            | 613996 | 315456 | 0.03                        | 3.16                              | 3.19                         | 0.19                        | 3.16                              | 3.36                         | 0.24                     | 23.68%                                 | 0.17                     | 16.93%                                 | 0.16                     | 16.16%                                 |
| ECO39_110         | 1            | 613989 | 315462 | 0.03                        | 3.16                              | 3.19                         | 0.18                        | 3.16                              | 3.34                         | 0.22                     | 22.15%                                 | 0.15                     | 15.40%                                 | 0.15                     | 14.63%                                 |
| ECO39_120         | 1            | 613981 | 315469 | 0.03                        | 3.16                              | 3.19                         | 0.16                        | 3.16                              | 3.33                         | 0.21                     | 20.88%                                 | 0.14                     | 14.12%                                 | 0.13                     | 13.35%                                 |
| ECO39_130         | 1            | 613974 | 315476 | 0.03                        | 3.16                              | 3.19                         | 0.15                        | 3.16                              | 3.32                         | 0.20                     | 19.80%                                 | 0.13                     | 13.05%                                 | 0.12                     | 12.27%                                 |
| ECO39_140         | 1            | 613966 | 315482 | 0.03                        | 3.16                              | 3.19                         | 0.14                        | 3.16                              | 3.31                         | 0.19                     | 18.89%                                 | 0.12                     | 12.13%                                 | 0.11                     | 11.35%                                 |
| ECO39_150         | 1            | 613959 | 315489 | 0.03                        | 3.16                              | 3.19                         | 0.14                        | 3.16                              | 3.30                         | 0.18                     | 18.09%                                 | 0.11                     | 11.33%                                 | 0.11                     | 10.55%                                 |
| ECO39_160         | 1            | 613951 | 315495 | 0.03                        | 3.16                              | 3.19                         | 0.13                        | 3.16                              | 3.29                         | 0.17                     | 17.40%                                 | 0.11                     | 10.63%                                 | 0.10                     | 9.85%                                  |
| ECO39_170         | 1            | 613944 | 315502 | 0.03                        | 3.16                              | 3.19                         | 0.12                        | 3.16                              | 3.29                         | 0.17                     | 16.79%                                 | 0.10                     | 10.03%                                 | 0.09                     | 9.24%                                  |
| ECO39_180         | 1            | 613936 | 315509 | 0.03                        | 3.16                              | 3.19                         | 0.12                        | 3.16                              | 3.28                         | 0.16                     | 16.25%                                 | 0.09                     | 9.48%                                  | 0.09                     | 8.70%                                  |
| ECO39_190         | 1            | 613929 | 315515 | 0.03                        | 3.16                              | 3.20                         | 0.11                        | 3.16                              | 3.28                         | 0.16                     | 15.77%                                 | 0.09                     | 9.00%                                  | 0.08                     | 8.21%                                  |
| ECO39_200         | 1            | 613921 | 315522 | 0.03                        | 3.16                              | 3.20                         | 0.11                        | 3.16                              | 3.27                         | 0.15                     | 15.33%                                 | 0.09                     | 8.56%                                  | 0.08                     | 7.77%                                  |
| ECO69_10          | 1            | 612723 | 313393 | 0.20                        | 3.06                              | 3.26                         | 0.04                        | 3.06                              | 3.10                         | 0.07                     | 7.08%                                  | 0.00                     | 0.12%                                  | -0.15                    | -15.34%                                |
| ECO69_20          | 1            | 612733 | 313390 | 0.11                        | 3.06                              | 3.17                         | 0.03                        | 3.06                              | 3.09                         | 0.07                     | 7.07%                                  | 0.00                     | 0.44%                                  | -0.08                    | -7.66%                                 |
| ECO69_30          | 1            | 612742 | 313387 | 0.07                        | 3.06                              | 3.13                         | 0.02                        | 3.06                              | 3.09                         | 0.07                     | 7.06%                                  | 0.01                     | 0.55%                                  | -0.05                    | -4.85%                                 |
| ECO69_40          | 1            | 612752 | 313383 | 0.06                        | 3.06                              | 3.12                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.05%                                  | 0.01                     | 0.61%                                  | -0.03                    | -3.44%                                 |
| ECO69_50          | 1            | 612761 | 313380 | 0.05                        | 3.06                              | 3.11                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.05%                                  | 0.01                     | 0.64%                                  | -0.03                    | -2.59%                                 |
| ECO69_60          | 1            | 612771 | 313377 | 0.04                        | 3.06                              | 3.10                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.04%                                  | 0.01                     | 0.66%                                  | -0.02                    | -2.03%                                 |
| ECO69_70          | 1            | 612780 | 313374 | 0.04                        | 3.06                              | 3.10                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.04%                                  | 0.01                     | 0.67%                                  | -0.02                    | -1.64%                                 |
| ECO69_80          | 1            | 612790 | 313371 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.04%                                  | 0.01                     | 0.68%                                  | -0.01                    | -1.36%                                 |
| ECO69_90          | 1            | 612799 | 313367 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.03%                                  | 0.01                     | 0.68%                                  | -0.01                    | -1.14%                                 |
| ECO69_100         | 1            | 612809 | 313364 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.03%                                  | 0.01                     | 0.69%                                  | -0.01                    | -0.96%                                 |
| ECO69_110         | 1            | 612818 | 313361 | 0.03                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.02%                                  | 0.01                     | 0.69%                                  | -0.01                    | -0.82%                                 |
| ECO69_120         | 1            | 612828 | 313358 | 0.02                        | 3.06                              | 3.09                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.02%                                  | 0.01                     | 0.69%                                  | -0.01                    | -0.71%                                 |
| ECO69_130         | 1            | 612837 | 313355 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.02%                                  | 0.01                     | 0.69%                                  | -0.01                    | -0.61%                                 |
| ECO69_140         | 1            | 612847 | 313351 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.01%                                  | 0.01                     | 0.69%                                  | -0.01                    | -0.53%                                 |
| ECO69_150         | 1            | 612856 | 313348 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.01%                                  | 0.01                     | 0.69%                                  | 0.00                     | -0.47%                                 |
| ECO69_160         | 1            | 612866 | 313345 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.01%                                  | 0.01                     | 0.69%                                  | 0.00                     | -0.41%                                 |
| ECO69_170         | 1            | 612875 | 313342 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.00%                                  | 0.01                     | 0.69%                                  | 0.00                     | -0.36%                                 |
| ECO69_180         | 1            | 612885 | 313339 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.00%                                  | 0.01                     | 0.69%                                  | 0.00                     | -0.31%                                 |
| ECO69_190         | 1            | 612894 | 313335 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 7.00%                                  | 0.01                     | 0.69%                                  | 0.00                     | -0.27%                                 |
| ECO69_200         | 1            | 612904 | 313332 | 0.02                        | 3.06                              | 3.08                         | 0.02                        | 3.06                              | 3.08                         | 0.07                     | 6.99%                                  | 0.01                     | 0.68%                                  | 0.00                     | -0.24%                                 |
| ECO25_10          | 1            | 618217 | 317948 | 0.32                        | 3.06                              | 3.38                         | 0.31                        | 3.06                              | 3.37                         | 0.18                     | 18.38%                                 | 0.08                     | 7.96%                                  | -0.01                    | -1.24%                                 |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO25 20          | 1                                 | 618226 | 317952 | 0.17   | 3.06   | 3.23  | 0.17   | 3.06   | 3.23  | 0.13  | 12.72%                                 | 0.04  | 4.36%                                  | -0.01   | -0.51%                                 |
| ECO25 30          | 1                                 | 618234 | 317957 | 0.12   | 3.06   | 3.18  | 0.11   | 3.06   | 3.17  | 0.11  | 10.67%                                 | 0.03  | 3.04%                                  | 0.00  | -0.24%                                 |
| ECO25 40          | 1                                 | 618243 | 317962 | 0.09   | 3.06   | 3.15  | 0.09   | 3.06   | 3.15  | 0.10  | 9.63%                                  | 0.02  | 2.38%                                  | 0.00  | -0.10%                                 |
| ECO25 50          | 1                                 | 618252 | 317966 | 0.07   | 3.06   | 3.13  | 0.07   | 3.06   | 3.13  | 0.09  | 9.01%                                  | 0.02  | 1.98%                                  | 0.00  | -0.02%                                 |
| ECO25 60          | 1                                 | 618261 | 317971 | 0.06   | 3.06   | 3.12  | 0.06   | 3.06   | 3.12  | 0.09  | 8.61%                                  | 0.02  | 1.71%                                  | 0.00  | 0.03%                                  |
| ECO25 70          | 1                                 | 618270 | 317975 | 0.05   | 3.06   | 3.11  | 0.05   | 3.06   | 3.11  | 0.08  | 8.32%                                  | 0.02  | 1.53%                                  | 0.00  | 0.07%                                  |
| ECO25 80          | 1                                 | 618279 | 317980 | 0.05   | 3.06   | 3.11  | 0.05   | 3.06   | 3.11  | 0.08  | 8.11%                                  | 0.01  | 1.39%                                  | 0.00  | 0.09%                                  |
| ECO25 90          | 1                                 | 618288 | 317984 | 0.04   | 3.06   | 3.10  | 0.04   | 3.06   | 3.10  | 0.08  | 7.95%                                  | 0.01  | 1.29%                                  | 0.00  | 0.11%                                  |
| ECO25 100         | 1                                 | 618297 | 317989 | 0.04   | 3.06   | 3.10  | 0.04   | 3.06   | 3.10  | 0.08  | 7.82%                                  | 0.01  | 1.20%                                  | 0.00  | 0.13%                                  |
| ECO25 110         | 1                                 | 618306 | 317994 | 0.04   | 3.06   | 3.10  | 0.04   | 3.06   | 3.10  | 0.08  | 7.72%                                  | 0.01  | 1.14%                                  | 0.00  | 0.14%                                  |
| ECO25 120         | 1                                 | 618314 | 317998 | 0.03   | 3.06   | 3.09  | 0.03   | 3.06   | 3.10  | 0.08  | 7.63%                                  | 0.01  | 1.08%                                  | 0.00  | 0.15%                                  |
| ECO25 130         | 1                                 | 618323 | 318003 | 0.03   | 3.06   | 3.09  | 0.03   | 3.06   | 3.09  | 0.08  | 7.56%                                  | 0.01  | 1.03%                                  | 0.00  | 0.16%                                  |
| ECO25 140         | 1                                 | 618332 | 318007 | 0.03   | 3.06   | 3.09  | 0.03   | 3.06   | 3.09  | 0.07  | 7.50%                                  | 0.01  | 0.99%                                  | 0.00  | 0.17%                                  |
| ECO25 150         | 1                                 | 618341 | 318012 | 0.03   | 3.06   | 3.09  | 0.03   | 3.06   | 3.09  | 0.07  | 7.45%                                  | 0.01  | 0.96%                                  | 0.00  | 0.17%                                  |
| ECO25 160         | 1                                 | 618350 | 318017 | 0.03   | 3.06   | 3.09  | 0.03   | 3.06   | 3.09  | 0.07  | 7.40%                                  | 0.01  | 0.93%                                  | 0.00  | 0.18%                                  |
| ECO25 170         | 1                                 | 618359 | 318021 | 0.03   | 3.06   | 3.09  | 0.03   | 3.06   | 3.09  | 0.07  | 7.36%                                  | 0.01  | 0.90%                                  | 0.00  | 0.18%                                  |
| ECO25 180         | 1                                 | 618368 | 318026 | 0.02   | 3.06   | 3.09  | 0.03   | 3.06   | 3.09  | 0.07  | 7.32%                                  | 0.01  | 0.88%                                  | 0.00  | 0.19%                                  |
| ECO25 190         | 1                                 | 618377 | 318030 | 0.02   | 3.06   | 3.08  | 0.03   | 3.06   | 3.09  | 0.07  | 7.29%                                  | 0.01  | 0.86%                                  | 0.00  | 0.19%                                  |
| ECO25 200         | 1                                 | 618386 | 318035 | 0.02   | 3.06   | 3.08  | 0.02   | 3.06   | 3.09  | 0.07  | 7.26%                                  | 0.01  | 0.84%                                  | 0.00  | 0.19%                                  |
| ECO55 4           | 1                                 | 598167 | 312268 | 1.98   | 3.57   | 5.55  | 2.11   | 3.57   | 5.69  | 1.09  | 108.69%                                | 0.68  | 68.40%                                 | 0.13  | 13.42%                                 |
| ECO60 15          | 1                                 | 614626 | 310983 | 1.46   | 2.86   | 4.32  | 1.49   | 2.86   | 4.35  | 0.72  | 72.08%                                 | 0.41  | 41.23%                                 | 0.03  | 3.28%                                  |
| ECO48 9           | 1                                 | 620634 | 309692 | 2.06   | 2.76   | 4.81  | 1.91   | 2.76   | 4.66  | 0.35  | 34.83%                                 | 0.01  | 1.33%                                  | -0.15   | -14.98%                                |
| ECO26 94          | 1                                 | 616435 | 312011 | 0.08   | 2.65   | 2.74  | 0.07   | 2.65   | 2.73  | 0.08  | 7.51%                                  | 0.01  | 1.28%                                  | -0.01   | -1.15%                                 |
| ECO8 8            | 1                                 | 615950 | 313513 | 0.35   | 2.86   | 3.21  | 0.28   | 2.86   | 3.13  | 0.12  | 12.19%                                 | 0.03  | 2.88%                                  | -0.07   | -7.23%                                 |
| ECO50 3           | 1                                 | 614144 | 313702 | 0.43   | 2.96   | 3.39  | 0.08   | 2.96   | 3.04  | -0.29   | -28.75%                                | -0.42   | -42.49%                                | -0.35   | -34.94%                                |
| ECO65 3           | 1                                 | 613383 | 313963 | 0.46   | 3.06   | 3.52  | 0.08   | 3.06   | 3.14  | 0.07  | 7.06%                                  | -0.01   | -0.95%                                 | -0.38   | -37.73%                                |
| ECO36 4           | 1                                 | 613437 | 316353 | 2.07   | 3.47   | 5.54  | 1.68   | 3.47   | 5.15  | 0.44  | 43.91%                                 | 0.04  | 3.76%                                  | -0.38   | -38.46%                                |
| ECO13 5           | 1                                 | 612933 | 317510 | 0.05   | 3.67   | 3.72  | 0.22   | 3.67   | 3.89  | 0.24  | 24.00%                                 | 0.15  | 15.33%                                 | 0.17  | 16.92%                                 |
| ECO31 4           | 1                                 | 610208 | 317475 | 0.48   | 3.47   | 3.95  | 0.12   | 3.47   | 3.59  | -0.26   | -25.82%                                | -0.43   | -42.76%                                | -0.36   | -35.65%                                |
| ECO12 155         | 1                                 | 610059 | 318131 | 0.04   | 3.37   | 3.40  | 0.03   | 3.37   | 3.40  | 0.07  | 7.17%                                  | 0.00  | -0.18%                                 | 0.00  | -0.41%                                 |
| ECO30 69          | 1                                 | 610206 | 318325 | 0.14   | 3.37   | 3.51  | 0.13   | 3.37   | 3.49  | 0.08  | 7.82%                                  | -0.01   | -1.40%                                 | -0.02   | -1.60%                                 |
| ECO21 8           | 1                                 | 615489 | 315063 | 0.32   | 3.16   | 3.49  | 0.45   | 3.16   | 3.61  | 0.05  | 5.15%                                  | -0.09   | -8.98%                                 | 0.13  | 12.60%                                 |
| ECO18 5           | 1                                 | 609794 | 313048 | 0.73   | 3.16   | 3.89  | 0.12   | 3.16   | 3.29  | 0.17  | 17.41%                                 | 0.11  | 10.80%                                 | -0.60   | -60.45%                                |
| ECO1 5            | 1                                 | 609914 | 313308 | 0.65   | 3.16   | 3.81  | 0.10   | 3.16   | 3.27  | 0.16  | 15.60%                                 | 0.09  | 9.05%                                  | -0.54   | -54.40%                                |
| ECO64 21          | 1                                 | 620604 | 309692 | 0.67   | 2.76   | 3.42  | 0.62   | 2.76   | 3.38  | 0.15  | 14.58%                                 | 0.01  | 0.81%                                  | -0.05   | -4.60%                                 |
| ECO54 3           | 3                                 | 613069 | 318235 | 0.42   | 3.47   | 3.89  | 0.46   | 3.47   | 3.93  | 0.30  | 9.98%                                  | 0.18  | 5.88%                                  | 0.04  | 1.44%                                  |
| ECO23 135         | 1                                 | 610795 | 318292 | 0.06   | 3.37   | 3.42  | 0.05   | 3.37   | 3.42  | 0.07  | 7.49%                                  | 0.00  | -0.15%                                 | -0.01   | -0.85%                                 |
| ECO2 64           | 1                                 | 611031 | 311731 | 0.38   | 2.96   | 3.34  | 0.41   | 2.96   | 3.37  | 0.41  | 41.32%                                 | 0.34  | 34.12%                                 | 0.03  | 3.30%                                  |
| ECO38 3           | 1                                 | 613206 | 315176 | 0.01   | 3.27   | 3.28  | 1.51   | 3.27   | 4.77  | 1.57  | 156.56%                                | 1.50  | 149.87%                                | 1.50  | 149.53%                                |
| ECO61 8           | 1                                 | 611829 | 311192 | 0.39   | 2.96   | 3.35  | 0.15   | 2.96   | 3.11  | -0.75   | -75.12%                                | -1.04   | -103.70%                               | -0.23   | -23.48%                                |
| ECO16 4           | 1                                 | 610485 | 313341 | 0.03   | 3.16   | 3.19  | 2.71   | 3.16   | 5.87  | 2.76  | 275.70%                                | 2.69  | 269.11%                                | 2.68  | 267.81%                                |
| ECO37 3           | 1                                 | 610524 | 313342 | 0.03   | 3.16   | 3.19  | 2.31   | 3.16   | 5.48  | 2.37  | 236.62%                                | 2.30  | 230.04%                                | 2.29  | 228.79%                                |
| ECO63 4           | 1                                 | 613276 | 315193 | 0.01   | 3.27   | 3.28  | 2.20   | 3.27   | 5.47  | 2.26  | 226.06%                                | 2.19  | 219.37%                                | 2.19  | 219.02%                                |
| ECO75 5           | 1                                 | 612817 | 316740 | 2.37   | 3.65   | 6.02  | 1.65   | 3.65   | 5.30  | 0.24  | 24.05%                                 | -0.22   | -21.64%                                | -0.72   | -72.31%                                |
| ECO74 4           | 1                                 | 612819 | 316731 | 1.65   | 3.65   | 5.30  | 1.15   | 3.65   | 4.80  | 0.19  | 18.99%                                 | -0.15   | -14.68%                                | -0.50   | -49.97%                                |
| ECO42 4           | 1                                 | 610225 | 318254 | 2.08   | 3.37   | 5.45  | 1.86   | 3.37   | 5.23  | 0.27  | 27.18%                                 | -0.23   | -22.87%                                | -0.22   | -21.58%                                |
| ECO66 4           | 1                                 | 610231 | 318247 | 1.49   | 3.37   | 4.86  | 1.34   | 3.37   | 4.70  | 0.21  | 20.95%                                 | -0.17   | -16.50%                                | -0.16   | -15.68%                                |
| ECO67 8           | 1                                 | 616147 | 313154 | 0.68   | 2.86   | 3.53  | 0.53   | 2.86   | 3.39  | 0.18  | 18.21%                                 | 0.05  | 5.42%                                  | -0.14   | -14.25%                                |
| ECO68 3           | 1                                 | 614874 | 313990 | 0.51   | 2.96   | 3.47  | 0.09   | 2.96   | 3.05  | -0.35   | -35.49%                                | -0.50   | -50.44%                                | -0.42   | -41.68%                                |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO28_4           | 1                                 | 614085 | 315379 | 0.03   | 3.16   | 3.19  | 2.32   | 3.16   | 5.48  | 2.36  | 236.37%                                | 2.30  | 229.63%                                | 2.29  | 228.90%                                |
| ECO39_4           | 1                                 | 614070 | 315391 | 0.03   | 3.16   | 3.19  | 2.66   | 3.16   | 5.82  | 2.70  | 270.41%                                | 2.64  | 263.68%                                | 2.63  | 262.94%                                |
| ECO69_2           | 1                                 | 612716 | 313395 | 0.53   | 3.06   | 3.59  | 0.09   | 3.06   | 3.15  | 0.07  | 7.17%                                  | -0.01   | -1.09%                                 | -0.44   | -43.57%                                |
| ECO25_5           | 1                                 | 618212 | 317945 | 0.58   | 3.06   | 3.64  | 0.55   | 3.06   | 3.61  | 0.28  | 27.87%                                 | 0.14  | 13.95%                                 | -0.02   | -2.46%                                 |
| ECO70_30          | 1                                 | 616399 | 308779 | 1.09   | 2.86   | 3.94  | 1.09   | 2.86   | 3.94  | 0.55  | 54.97%                                 | 0.31  | 30.86%                                 | 0.00  | -0.09%                                 |
| ECO70_40          | 1                                 | 616409 | 308778 | 0.83   | 2.86   | 3.69  | 0.83   | 2.86   | 3.69  | 0.43  | 43.32%                                 | 0.24  | 23.68%                                 | 0.00  | -0.09%                                 |
| ECO70_50          | 1                                 | 616419 | 308777 | 0.67   | 2.86   | 3.53  | 0.67   | 2.86   | 3.53  | 0.36  | 35.97%                                 | 0.19  | 19.13%                                 | 0.00  | -0.10%                                 |
| ECO70_60          | 1                                 | 616429 | 308777 | 0.57   | 2.86   | 3.42  | 0.56   | 2.86   | 3.42  | 0.31  | 30.99%                                 | 0.16  | 16.03%                                 | 0.00  | -0.10%                                 |
| ECO70_70          | 1                                 | 616439 | 308776 | 0.49   | 2.86   | 3.34  | 0.49   | 2.86   | 3.34  | 0.27  | 27.37%                                 | 0.14  | 13.76%                                 | 0.00  | -0.11%                                 |
| ECO70_80          | 1                                 | 616449 | 308775 | 0.43   | 2.86   | 3.28  | 0.42   | 2.86   | 3.28  | 0.25  | 24.64%                                 | 0.12  | 12.05%                                 | 0.00  | -0.11%                                 |
| ECO70_90          | 1                                 | 616459 | 308774 | 0.38   | 2.86   | 3.24  | 0.38   | 2.86   | 3.24  | 0.23  | 22.52%                                 | 0.11  | 10.72%                                 | 0.00  | -0.11%                                 |
| ECO70_100         | 1                                 | 616469 | 308774 | 0.34   | 2.86   | 3.20  | 0.34   | 2.86   | 3.20  | 0.21  | 20.82%                                 | 0.10  | 9.64%                                  | 0.00  | -0.11%                                 |
| ECO70_110         | 1                                 | 616478 | 308773 | 0.31   | 2.86   | 3.17  | 0.31   | 2.86   | 3.17  | 0.19  | 19.44%                                 | 0.09  | 8.77%                                  | 0.00  | -0.11%                                 |
| ECO70_120         | 1                                 | 616488 | 308772 | 0.28   | 2.86   | 3.14  | 0.28   | 2.86   | 3.14  | 0.18  | 18.28%                                 | 0.08  | 8.03%                                  | 0.00  | -0.11%                                 |
| ECO70_130         | 1                                 | 616498 | 308771 | 0.26   | 2.86   | 3.12  | 0.26   | 2.86   | 3.12  | 0.17  | 17.31%                                 | 0.07  | 7.41%                                  | 0.00  | -0.11%                                 |
| ECO70_140         | 1                                 | 616508 | 308771 | 0.24   | 2.86   | 3.10  | 0.24   | 2.86   | 3.10  | 0.16  | 16.47%                                 | 0.07  | 6.88%                                  | 0.00  | -0.11%                                 |
| ECO70_150         | 1                                 | 616518 | 308770 | 0.23   | 2.86   | 3.09  | 0.23   | 2.86   | 3.08  | 0.16  | 15.75%                                 | 0.06  | 6.43%                                  | 0.00  | -0.11%                                 |
| ECO70_160         | 1                                 | 616528 | 308769 | 0.21   | 2.86   | 3.07  | 0.21   | 2.86   | 3.07  | 0.15  | 15.13%                                 | 0.06  | 6.03%                                  | 0.00  | -0.11%                                 |
| ECO70_170         | 1                                 | 616538 | 308768 | 0.20   | 2.86   | 3.06  | 0.20   | 2.86   | 3.06  | 0.15  | 14.57%                                 | 0.06  | 5.67%                                  | 0.00  | -0.11%                                 |
| ECO70_180         | 1                                 | 616548 | 308768 | 0.19   | 2.86   | 3.05  | 0.19   | 2.86   | 3.05  | 0.14  | 14.09%                                 | 0.05  | 5.36%                                  | 0.00  | -0.11%                                 |
| ECO70_190         | 1                                 | 616558 | 308767 | 0.18   | 2.86   | 3.04  | 0.18   | 2.86   | 3.04  | 0.14  | 13.65%                                 | 0.05  | 5.09%                                  | 0.00  | -0.11%                                 |
| ECO70_200         | 1                                 | 616568 | 308766 | 0.17   | 2.86   | 3.03  | 0.17   | 2.86   | 3.03  | 0.13  | 13.27%                                 | 0.05  | 4.84%                                  | 0.00  | -0.11%                                 |
| ECO71_80          | 1                                 | 613432 | 311117 | 0.25   | 2.86   | 3.11  | 0.26   | 2.86   | 3.11  | 0.17  | 16.88%                                 | 0.07  | 7.22%                                  | 0.01  | 0.56%                                  |
| ECO71_90          | 1                                 | 613432 | 311127 | 0.22   | 2.86   | 3.08  | 0.23   | 2.86   | 3.09  | 0.16  | 15.66%                                 | 0.06  | 6.45%                                  | 0.00  | 0.50%                                  |
| ECO71_100         | 1                                 | 613432 | 311137 | 0.20   | 2.86   | 3.06  | 0.20   | 2.86   | 3.06  | 0.15  | 14.68%                                 | 0.06  | 5.84%                                  | 0.00  | 0.45%                                  |
| ECO71_110         | 1                                 | 613432 | 311147 | 0.18   | 2.86   | 3.04  | 0.19   | 2.86   | 3.04  | 0.14  | 13.86%                                 | 0.05  | 5.32%                                  | 0.00  | 0.41%                                  |
| ECO71_120         | 1                                 | 613432 | 311157 | 0.17   | 2.86   | 3.02  | 0.17   | 2.86   | 3.03  | 0.13  | 13.19%                                 | 0.05  | 4.90%                                  | 0.00  | 0.38%                                  |
| ECO71_130         | 1                                 | 613432 | 311167 | 0.15   | 2.86   | 3.01  | 0.16   | 2.86   | 3.01  | 0.13  | 12.61%                                 | 0.05  | 4.53%                                  | 0.00  | 0.35%                                  |
| ECO71_140         | 1                                 | 613432 | 311177 | 0.14   | 2.86   | 3.00  | 0.15   | 2.86   | 3.00  | 0.12  | 12.12%                                 | 0.04  | 4.21%                                  | 0.00  | 0.33%                                  |
| ECO71_150         | 1                                 | 613432 | 311187 | 0.13   | 2.86   | 2.99  | 0.14   | 2.86   | 2.99  | 0.12  | 11.68%                                 | 0.04  | 3.93%                                  | 0.00  | 0.31%                                  |
| ECO71_160         | 1                                 | 613432 | 311197 | 0.12   | 2.86   | 2.98  | 0.13   | 2.86   | 2.98  | 0.11  | 11.31%                                 | 0.04  | 3.70%                                  | 0.00  | 0.29%                                  |
| ECO71_170         | 1                                 | 613432 | 311207 | 0.12   | 2.86   | 2.97  | 0.12   | 2.86   | 2.98  | 0.11  | 10.98%                                 | 0.03  | 3.49%                                  | 0.00  | 0.28%                                  |
| ECO71_180         | 1                                 | 613432 | 311217 | 0.11   | 2.86   | 2.97  | 0.11   | 2.86   | 2.97  | 0.11  | 10.68%                                 | 0.03  | 3.29%                                  | 0.00  | 0.26%                                  |
| ECO71_190         | 1                                 | 613432 | 311227 | 0.10   | 2.86   | 2.96  | 0.11   | 2.86   | 2.96  | 0.10  | 10.43%                                 | 0.03  | 3.13%                                  | 0.00  | 0.25%                                  |
| ECO71_200         | 1                                 | 613432 | 311237 | 0.10   | 2.86   | 2.96  | 0.10   | 2.86   | 2.96  | 0.10  | 10.19%                                 | 0.03  | 2.98%                                  | 0.00  | 0.24%                                  |
| ECO71_210         | 1                                 | 613432 | 311247 | 0.09   | 2.86   | 2.95  | 0.10   | 2.86   | 2.95  | 0.10  | 9.98%                                  | 0.03  | 2.84%                                  | 0.00  | 0.23%                                  |
| ECO72_40          | 1                                 | 626699 | 314062 | 0.62   | 2.35   | 2.96  | 0.62   | 2.35   | 2.97  | 0.35  | 34.93%                                 | 0.23  | 23.15%                                 | 0.00  | 0.46%                                  |
| ECO72_50          | 1                                 | 626703 | 314071 | 0.48   | 2.35   | 2.83  | 0.48   | 2.35   | 2.83  | 0.28  | 28.09%                                 | 0.18  | 17.93%                                 | 0.00  | 0.36%                                  |
| ECO72_60          | 1                                 | 626707 | 314080 | 0.39   | 2.35   | 2.74  | 0.39   | 2.35   | 2.74  | 0.24  | 23.67%                                 | 0.15  | 14.54%                                 | 0.00  | 0.29%                                  |
| ECO72_70          | 1                                 | 626711 | 314089 | 0.33   | 2.35   | 2.67  | 0.33   | 2.35   | 2.68  | 0.21  | 20.62%                                 | 0.12  | 12.20%                                 | 0.00  | 0.25%                                  |
| ECO72_80          | 1                                 | 626715 | 314098 | 0.28   | 2.35   | 2.63  | 0.28   | 2.35   | 2.63  | 0.18  | 18.38%                                 | 0.10  | 10.48%                                 | 0.00  | 0.21%                                  |
| ECO72_90          | 1                                 | 626718 | 314108 | 0.25   | 2.35   | 2.59  | 0.25   | 2.35   | 2.59  | 0.17  | 16.67%                                 | 0.09  | 9.17%                                  | 0.00  | 0.19%                                  |
| ECO72_100         | 1                                 | 626722 | 314117 | 0.22   | 2.35   | 2.56  | 0.22   | 2.35   | 2.57  | 0.15  | 15.32%                                 | 0.08  | 8.13%                                  | 0.00  | 0.17%                                  |
| ECO72_110         | 1                                 | 626726 | 314126 | 0.20   | 2.35   | 2.54  | 0.20   | 2.35   | 2.54  | 0.14  | 14.24%                                 | 0.07  | 7.30%                                  | 0.00  | 0.15%                                  |
| ECO72_120         | 1                                 | 626730 | 314135 | 0.18   | 2.35   | 2.52  | 0.18   | 2.35   | 2.53  | 0.13  | 13.35%                                 | 0.07  | 6.62%                                  | 0.00  | 0.14%                                  |
| ECO72_130         | 1                                 | 626734 | 314145 | 0.16   | 2.35   | 2.51  | 0.16   | 2.35   | 2.51  | 0.13  | 12.61%                                 | 0.06  | 6.05%                                  | 0.00  | 0.13%                                  |
| ECO72_140         | 1                                 | 626738 | 314154 | 0.15   | 2.35   | 2.50  | 0.15   | 2.35   | 2.50  | 0.12  | 11.98%                                 | 0.06  | 5.56%                                  | 0.00  | 0.12%                                  |
| ECO72_150         | 1                                 | 626742 | 314163 | 0.14   | 2.35   | 2.49  | 0.14   | 2.35   | 2.49  | 0.11  | 11.44%                                 | 0.05  | 5.15%                                  | 0.00  | 0.11%                                  |
| ECO72_160         | 1                                 | 626746 | 314172 | 0.13   | 2.35   | 2.48  | 0.13   | 2.35   | 2.48  | 0.11  | 10.97%                                 | 0.05  | 4.79%                                  | 0.00  | 0.10%                                  |

| Receptor ID point | CLvl (µg/m³) | x      | y      | 3. DM 2044 Road NH3 (µg/m³) | 3. DM 2044 Background NH3 (µg/m³) | 3. DM 2044 Total NH3 (µg/m³) | 4. DS 2044 Road NH3 (µg/m³) | 4. DS 2044 Background NH3 (µg/m³) | 4. DS 2044 Total NH3 (µg/m³) | 4.-1. Change NH3 (µg/m³) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 (µg/m³) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 (µg/m³) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|--------------|--------|--------|-----------------------------|-----------------------------------|------------------------------|-----------------------------|-----------------------------------|------------------------------|--------------------------|--|--------------------------|--|--------------------------|--|
| ECO72_170         | 1            | 626749 | 314181 | 0.12                        | 2.35                              | 2.47                         | 0.12                        | 2.35                              | 2.47                         | 0.11                     | 10.56%                                 | 0.04                     | 4.48%                                  | 0.00                     | 0.10%                                  |
| ECO72_180         | 1            | 626753 | 314191 | 0.11                        | 2.35                              | 2.46                         | 0.11                        | 2.35                              | 2.46                         | 0.10                     | 10.21%                                 | 0.04                     | 4.20%                                  | 0.00                     | 0.09%                                  |
| ECO72_190         | 1            | 626757 | 314200 | 0.11                        | 2.35                              | 2.45                         | 0.11                        | 2.35                              | 2.45                         | 0.10                     | 9.89%                                  | 0.04                     | 3.96%                                  | 0.00                     | 0.09%                                  |
| ECO72_200         | 1            | 626761 | 314209 | 0.10                        | 2.35                              | 2.45                         | 0.10                        | 2.35                              | 2.45                         | 0.10                     | 9.61%                                  | 0.04                     | 3.74%                                  | 0.00                     | 0.08%                                  |
| ECO73_90          | 1            | 626679 | 313931 | 0.13                        | 2.35                              | 2.48                         | 0.13                        | 2.35                              | 2.48                         | 0.11                     | 10.91%                                 | 0.05                     | 4.80%                                  | 0.00                     | 0.10%                                  |
| ECO73_100         | 1            | 626676 | 313921 | 0.11                        | 2.35                              | 2.46                         | 0.11                        | 2.35                              | 2.46                         | 0.10                     | 10.18%                                 | 0.04                     | 4.23%                                  | 0.00                     | 0.09%                                  |
| ECO73_110         | 1            | 626672 | 313912 | 0.10                        | 2.35                              | 2.45                         | 0.10                        | 2.35                              | 2.45                         | 0.10                     | 9.59%                                  | 0.04                     | 3.77%                                  | 0.00                     | 0.08%                                  |
| ECO73_120         | 1            | 626669 | 313902 | 0.09                        | 2.35                              | 2.44                         | 0.09                        | 2.35                              | 2.44                         | 0.09                     | 9.11%                                  | 0.03                     | 3.40%                                  | 0.00                     | 0.08%                                  |
| ECO73_130         | 1            | 626665 | 313893 | 0.08                        | 2.35                              | 2.43                         | 0.08                        | 2.35                              | 2.43                         | 0.09                     | 8.71%                                  | 0.03                     | 3.09%                                  | 0.00                     | 0.07%                                  |
| ECO73_140         | 1            | 626662 | 313884 | 0.08                        | 2.35                              | 2.42                         | 0.08                        | 2.35                              | 2.42                         | 0.08                     | 8.38%                                  | 0.03                     | 2.83%                                  | 0.00                     | 0.07%                                  |
| ECO73_150         | 1            | 626659 | 313874 | 0.07                        | 2.35                              | 2.42                         | 0.07                        | 2.35                              | 2.42                         | 0.08                     | 8.09%                                  | 0.03                     | 2.60%                                  | 0.00                     | 0.06%                                  |
| ECO73_160         | 1            | 626655 | 313865 | 0.07                        | 2.35                              | 2.41                         | 0.07                        | 2.35                              | 2.41                         | 0.08                     | 7.85%                                  | 0.02                     | 2.41%                                  | 0.00                     | 0.06%                                  |
| ECO73_170         | 1            | 626652 | 313855 | 0.06                        | 2.35                              | 2.41                         | 0.06                        | 2.35                              | 2.41                         | 0.08                     | 7.63%                                  | 0.02                     | 2.25%                                  | 0.00                     | 0.05%                                  |
| ECO73_180         | 1            | 626648 | 313846 | 0.06                        | 2.35                              | 2.40                         | 0.06                        | 2.35                              | 2.40                         | 0.07                     | 7.45%                                  | 0.02                     | 2.10%                                  | 0.00                     | 0.05%                                  |
| ECO73_190         | 1            | 626645 | 313837 | 0.05                        | 2.35                              | 2.40                         | 0.05                        | 2.35                              | 2.40                         | 0.07                     | 7.28%                                  | 0.02                     | 1.97%                                  | 0.00                     | 0.05%                                  |
| ECO73_200         | 1            | 626642 | 313827 | 0.05                        | 2.35                              | 2.40                         | 0.05                        | 2.35                              | 2.40                         | 0.07                     | 7.14%                                  | 0.02                     | 1.86%                                  | 0.00                     | 0.05%                                  |
| ECO71_75          | 1            | 613432 | 311112 | 0.27                        | 2.86                              | 3.13                         | 0.27                        | 2.86                              | 3.13                         | 0.18                     | 17.65%                                 | 0.08                     | 7.69%                                  | 0.01                     | 0.60%                                  |
| ECO70_24          | 1            | 616393 | 308779 | 1.33                        | 2.86                              | 4.19                         | 1.33                        | 2.86                              | 4.19                         | 0.66                     | 66.34%                                 | 0.38                     | 37.85%                                 | 0.00                     | -0.09%                                 |
| ECO72_32          | 1            | 626696 | 314054 | 0.81                        | 2.35                              | 3.15                         | 0.81                        | 2.35                              | 3.16                         | 0.44                     | 44.28%                                 | 0.30                     | 30.27%                                 | 0.01                     | 0.59%                                  |
| ECO62_40          | 1            | 613086 | 315170 | 0.01                        | 3.27                              | 3.28                         | 0.22                        | 3.27                              | 3.48                         | 0.28                     | 27.74%                                 | 0.21                     | 21.06%                                 | 0.21                     | 20.72%                                 |
| ECO62_50          | 1            | 613084 | 315161 | 0.01                        | 3.27                              | 3.28                         | 0.18                        | 3.27                              | 3.44                         | 0.24                     | 23.62%                                 | 0.17                     | 16.94%                                 | 0.17                     | 16.60%                                 |
| ECO62_60          | 1            | 613082 | 315151 | 0.01                        | 3.27                              | 3.28                         | 0.15                        | 3.27                              | 3.41                         | 0.21                     | 20.84%                                 | 0.14                     | 14.16%                                 | 0.14                     | 13.83%                                 |
| ECO62_70          | 1            | 613080 | 315141 | 0.01                        | 3.27                              | 3.28                         | 0.13                        | 3.27                              | 3.39                         | 0.19                     | 18.84%                                 | 0.12                     | 12.16%                                 | 0.12                     | 11.82%                                 |
| ECO62_80          | 1            | 613077 | 315131 | 0.01                        | 3.27                              | 3.28                         | 0.11                        | 3.27                              | 3.38                         | 0.17                     | 17.33%                                 | 0.11                     | 10.65%                                 | 0.10                     | 10.32%                                 |
| ECO62_90          | 1            | 613075 | 315122 | 0.01                        | 3.27                              | 3.28                         | 0.10                        | 3.27                              | 3.37                         | 0.16                     | 16.16%                                 | 0.09                     | 9.48%                                  | 0.09                     | 9.14%                                  |
| ECO62_100         | 1            | 613073 | 315112 | 0.01                        | 3.27                              | 3.28                         | 0.09                        | 3.27                              | 3.36                         | 0.15                     | 15.22%                                 | 0.09                     | 8.54%                                  | 0.08                     | 8.20%                                  |
| ECO62_110         | 1            | 613070 | 315102 | 0.01                        | 3.27                              | 3.28                         | 0.09                        | 3.27                              | 3.35                         | 0.14                     | 14.45%                                 | 0.08                     | 7.77%                                  | 0.07                     | 7.43%                                  |
| ECO62_120         | 1            | 613068 | 315092 | 0.01                        | 3.27                              | 3.28                         | 0.08                        | 3.27                              | 3.34                         | 0.14                     | 13.81%                                 | 0.07                     | 7.13%                                  | 0.07                     | 6.80%                                  |
| ECO62_130         | 1            | 613066 | 315083 | 0.01                        | 3.27                              | 3.28                         | 0.07                        | 3.27                              | 3.34                         | 0.13                     | 13.28%                                 | 0.07                     | 6.60%                                  | 0.06                     | 6.26%                                  |
| ECO62_140         | 1            | 613064 | 315073 | 0.01                        | 3.27                              | 3.28                         | 0.07                        | 3.27                              | 3.33                         | 0.13                     | 12.82%                                 | 0.06                     | 6.14%                                  | 0.06                     | 5.80%                                  |
| ECO62_150         | 1            | 613061 | 315063 | 0.01                        | 3.27                              | 3.28                         | 0.07                        | 3.27                              | 3.33                         | 0.12                     | 12.42%                                 | 0.06                     | 5.74%                                  | 0.05                     | 5.40%                                  |
| ECO62_160         | 1            | 613059 | 315053 | 0.01                        | 3.27                              | 3.28                         | 0.06                        | 3.27                              | 3.33                         | 0.12                     | 12.08%                                 | 0.05                     | 5.39%                                  | 0.05                     | 5.06%                                  |
| ECO62_170         | 1            | 613057 | 315044 | 0.01                        | 3.27                              | 3.28                         | 0.06                        | 3.27                              | 3.32                         | 0.12                     | 11.77%                                 | 0.05                     | 5.09%                                  | 0.05                     | 4.75%                                  |
| ECO62_180         | 1            | 613054 | 315034 | 0.01                        | 3.27                              | 3.28                         | 0.06                        | 3.27                              | 3.32                         | 0.12                     | 11.50%                                 | 0.05                     | 4.82%                                  | 0.04                     | 4.49%                                  |
| ECO62_190         | 1            | 613052 | 315024 | 0.01                        | 3.27                              | 3.28                         | 0.05                        | 3.27                              | 3.32                         | 0.11                     | 11.26%                                 | 0.05                     | 4.58%                                  | 0.04                     | 4.25%                                  |
| ECO62_200         | 1            | 613050 | 315015 | 0.01                        | 3.27                              | 3.28                         | 0.05                        | 3.27                              | 3.32                         | 0.11                     | 11.05%                                 | 0.04                     | 4.37%                                  | 0.04                     | 4.03%                                  |
| ECO62_36          | 1            | 613087 | 315174 | 0.01                        | 3.27                              | 3.28                         | 0.24                        | 3.27                              | 3.51                         | 0.30                     | 29.96%                                 | 0.23                     | 23.28%                                 | 0.23                     | 22.94%                                 |
| ECO53_40          | 1            | 613070 | 315282 | 0.01                        | 3.27                              | 3.28                         | 0.35                        | 3.27                              | 3.61                         | 0.41                     | 40.83%                                 | 0.34                     | 34.15%                                 | 0.34                     | 33.81%                                 |
| ECO53_50          | 1            | 613071 | 315292 | 0.01                        | 3.27                              | 3.28                         | 0.28                        | 3.27                              | 3.55                         | 0.34                     | 34.29%                                 | 0.28                     | 27.60%                                 | 0.27                     | 27.26%                                 |
| ECO53_60          | 1            | 613071 | 315302 | 0.01                        | 3.27                              | 3.28                         | 0.24                        | 3.27                              | 3.50                         | 0.30                     | 29.82%                                 | 0.23                     | 23.13%                                 | 0.23                     | 22.79%                                 |
| ECO53_70          | 1            | 613071 | 315312 | 0.01                        | 3.27                              | 3.28                         | 0.21                        | 3.27                              | 3.47                         | 0.27                     | 26.55%                                 | 0.20                     | 19.87%                                 | 0.20                     | 19.53%                                 |
| ECO53_80          | 1            | 613072 | 315322 | 0.01                        | 3.27                              | 3.28                         | 0.18                        | 3.27                              | 3.45                         | 0.24                     | 24.08%                                 | 0.17                     | 17.39%                                 | 0.17                     | 17.05%                                 |
| ECO53_90          | 1            | 613072 | 315332 | 0.01                        | 3.27                              | 3.28                         | 0.16                        | 3.27                              | 3.43                         | 0.22                     | 22.13%                                 | 0.15                     | 15.45%                                 | 0.15                     | 15.11%                                 |
| ECO53_100         | 1            | 613073 | 315342 | 0.01                        | 3.27                              | 3.28                         | 0.15                        | 3.27                              | 3.41                         | 0.21                     | 20.57%                                 | 0.14                     | 13.89%                                 | 0.14                     | 13.55%                                 |
| ECO53_110         | 1            | 613073 | 315352 | 0.01                        | 3.27                              | 3.28                         | 0.13                        | 3.27                              | 3.40                         | 0.19                     | 19.29%                                 | 0.13                     | 12.60%                                 | 0.12                     | 12.26%                                 |
| ECO53_120         | 1            | 613073 | 315362 | 0.01                        | 3.27                              | 3.28                         | 0.12                        | 3.27                              | 3.39                         | 0.18                     | 18.21%                                 | 0.12                     | 11.53%                                 | 0.11                     | 11.19%                                 |
| ECO53_130         | 1            | 613074 | 315372 | 0.01                        | 3.27                              | 3.28                         | 0.11                        | 3.27                              | 3.38                         | 0.17                     | 17.30%                                 | 0.11                     | 10.61%                                 | 0.10                     | 10.27%                                 |
| ECO53_140         | 1            | 613074 | 315382 | 0.01                        | 3.27                              | 3.28                         | 0.11                        | 3.27                              | 3.37                         | 0.17                     | 16.52%                                 | 0.10                     | 9.83%                                  | 0.09                     | 9.49%                                  |
| ECO53_150         | 1            | 613075 | 315392 | 0.01                        | 3.27                              | 3.28                         | 0.10                        | 3.27                              | 3.36                         | 0.16                     | 15.84%                                 | 0.09                     | 9.15%                                  | 0.09                     | 8.81%                                  |



| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO53_160         | 1                                 | 613075 | 315402 | 0.01   | 3.27   | 3.28  | 0.09   | 3.27   | 3.36  | 0.15  | 15.24%                                 | 0.09  | 8.55%                                  | 0.08  | 8.21%                                  |
| ECO53_170         | 1                                 | 613075 | 315412 | 0.01   | 3.27   | 3.28  | 0.09   | 3.27   | 3.35  | 0.15  | 14.71%                                 | 0.08  | 8.03%                                  | 0.08  | 7.69%                                  |
| ECO53_180         | 1                                 | 613076 | 315422 | 0.01   | 3.27   | 3.28  | 0.08   | 3.27   | 3.35  | 0.14  | 14.25%                                 | 0.08  | 7.56%                                  | 0.07  | 7.22%                                  |
| ECO53_190         | 1                                 | 613076 | 315432 | 0.01   | 3.27   | 3.28  | 0.08   | 3.27   | 3.34  | 0.14  | 13.83%                                 | 0.07  | 7.14%                                  | 0.07  | 6.80%                                  |
| ECO53_200         | 1                                 | 613077 | 315442 | 0.01   | 3.27   | 3.28  | 0.08   | 3.27   | 3.34  | 0.13  | 13.46%                                 | 0.07  | 6.77%                                  | 0.06  | 6.42%                                  |
| ECO53_32          | 1                                 | 613070 | 315274 | 0.01   | 3.27   | 3.28  | 0.43   | 3.27   | 3.69  | 0.49  | 48.85%                                 | 0.42  | 42.17%                                 | 0.42  | 41.83%                                 |
| ECO76_9           | 1                                 | 619892 | 304355 | 3.48   | 2.90   | 6.38  | 3.41   | 2.90   | 6.31  | 1.35  | 135.23%                                | 0.57  | 57.29%                                 | -0.07   | -7.14%                                 |
| ECO76_10          | 1                                 | 619892 | 304356 | 3.26   | 2.90   | 6.16  | 3.20   | 2.90   | 6.10  | 1.27  | 127.13%                                | 0.54  | 54.02%                                 | -0.07   | -6.69%                                 |
| ECO76_20          | 1                                 | 619896 | 304365 | 1.85   | 2.90   | 4.75  | 1.82   | 2.90   | 4.71  | 0.75  | 74.84%                                 | 0.32  | 32.16%                                 | -0.04   | -3.78%                                 |
| ECO76_30          | 1                                 | 619899 | 304374 | 1.28   | 2.90   | 4.18  | 1.25   | 2.90   | 4.15  | 0.53  | 53.43%                                 | 0.23  | 22.77%                                 | -0.03   | -2.59%                                 |
| ECO76_40          | 1                                 | 619903 | 304384 | 0.97   | 2.90   | 3.87  | 0.95   | 2.90   | 3.85  | 0.42  | 41.95%                                 | 0.18  | 17.57%                                 | -0.02   | -1.96%                                 |
| ECO76_50          | 1                                 | 619907 | 304393 | 0.78   | 2.90   | 3.68  | 0.76   | 2.90   | 3.66  | 0.35  | 34.78%                                 | 0.14  | 14.25%                                 | -0.02   | -1.57%                                 |
| ECO76_60          | 1                                 | 619910 | 304402 | 0.65   | 2.90   | 3.55  | 0.63   | 2.90   | 3.53  | 0.30  | 29.89%                                 | 0.12  | 11.96%                                 | -0.01   | -1.30%                                 |
| ECO76_70          | 1                                 | 619914 | 304411 | 0.55   | 2.90   | 3.45  | 0.54   | 2.90   | 3.44  | 0.26  | 26.38%                                 | 0.10  | 10.29%                                 | -0.01   | -1.10%                                 |
| ECO76_80          | 1                                 | 619918 | 304421 | 0.48   | 2.90   | 3.38  | 0.47   | 2.90   | 3.37  | 0.24  | 23.74%                                 | 0.09  | 9.02%                                  | -0.01   | -0.96%                                 |
| ECO76_90          | 1                                 | 619921 | 304430 | 0.43   | 2.90   | 3.32  | 0.42   | 2.90   | 3.32  | 0.22  | 21.68%                                 | 0.08  | 8.02%                                  | -0.01   | -0.84%                                 |
| ECO76_100         | 1                                 | 619925 | 304439 | 0.38   | 2.90   | 3.28  | 0.37   | 2.90   | 3.27  | 0.20  | 20.05%                                 | 0.07  | 7.22%                                  | -0.01   | -0.75%                                 |
| ECO76_110         | 1                                 | 619929 | 304449 | 0.35   | 2.90   | 3.24  | 0.34   | 2.90   | 3.24  | 0.19  | 18.71%                                 | 0.07  | 6.57%                                  | -0.01   | -0.68%                                 |
| ECO76_120         | 1                                 | 619932 | 304458 | 0.32   | 2.90   | 3.21  | 0.31   | 2.90   | 3.21  | 0.18  | 17.60%                                 | 0.06  | 6.02%                                  | -0.01   | -0.62%                                 |
| ECO76_130         | 1                                 | 619936 | 304467 | 0.29   | 2.90   | 3.19  | 0.28   | 2.90   | 3.18  | 0.17  | 16.66%                                 | 0.06  | 5.55%                                  | -0.01   | -0.56%                                 |
| ECO76_140         | 1                                 | 619940 | 304477 | 0.27   | 2.90   | 3.17  | 0.26   | 2.90   | 3.16  | 0.16  | 15.86%                                 | 0.05  | 5.16%                                  | -0.01   | -0.52%                                 |
| ECO76_150         | 1                                 | 619943 | 304486 | 0.25   | 2.90   | 3.15  | 0.24   | 2.90   | 3.14  | 0.15  | 15.17%                                 | 0.05  | 4.81%                                  | 0.00  | -0.48%                                 |
| ECO76_160         | 1                                 | 619947 | 304495 | 0.23   | 2.90   | 3.13  | 0.23   | 2.90   | 3.13  | 0.15  | 14.57%                                 | 0.05  | 4.51%                                  | 0.00  | -0.45%                                 |
| ECO76_170         | 1                                 | 619951 | 304504 | 0.22   | 2.90   | 3.12  | 0.21   | 2.90   | 3.11  | 0.14  | 14.04%                                 | 0.04  | 4.25%                                  | 0.00  | -0.42%                                 |
| ECO76_180         | 1                                 | 619955 | 304514 | 0.21   | 2.90   | 3.10  | 0.20   | 2.90   | 3.10  | 0.14  | 13.58%                                 | 0.04  | 4.01%                                  | 0.00  | -0.39%                                 |
| ECO76_190         | 1                                 | 619958 | 304523 | 0.19   | 2.90   | 3.09  | 0.19   | 2.90   | 3.09  | 0.13  | 13.16%                                 | 0.04  | 3.80%                                  | 0.00  | -0.37%                                 |
| ECO76_200         | 1                                 | 619962 | 304532 | 0.18   | 2.90   | 3.08  | 0.18   | 2.90   | 3.08  | 0.13  | 12.78%                                 | 0.04  | 3.61%                                  | 0.00  | -0.35%                                 |
| ECO77_44          | 1                                 | 619125 | 304868 | 1.16   | 2.90   | 4.05  | 1.13   | 2.90   | 4.03  | 0.49  | 49.00%                                 | 0.21  | 21.05%                                 | -0.02   | -2.30%                                 |
| ECO77_50          | 1                                 | 619129 | 304869 | 1.06   | 2.90   | 3.96  | 1.04   | 2.90   | 3.94  | 0.46  | 45.56%                                 | 0.20  | 19.51%                                 | -0.02   | -2.11%                                 |
| ECO77_60          | 1                                 | 619138 | 304873 | 0.90   | 2.90   | 3.79  | 0.88   | 2.90   | 3.78  | 0.39  | 39.29%                                 | 0.17  | 16.65%                                 | -0.02   | -1.76%                                 |
| ECO77_70          | 1                                 | 619147 | 304877 | 0.77   | 2.90   | 3.67  | 0.76   | 2.90   | 3.66  | 0.35  | 34.68%                                 | 0.15  | 14.52%                                 | -0.02   | -1.51%                                 |
| ECO77_80          | 1                                 | 619157 | 304881 | 0.68   | 2.90   | 3.58  | 0.67   | 2.90   | 3.57  | 0.31  | 31.24%                                 | 0.13  | 12.90%                                 | -0.01   | -1.32%                                 |
| ECO77_90          | 1                                 | 619166 | 304885 | 0.61   | 2.90   | 3.51  | 0.60   | 2.90   | 3.49  | 0.29  | 28.54%                                 | 0.12  | 11.61%                                 | -0.01   | -1.17%                                 |
| ECO77_100         | 1                                 | 619175 | 304889 | 0.55   | 2.90   | 3.45  | 0.54   | 2.90   | 3.44  | 0.26  | 26.36%                                 | 0.11  | 10.56%                                 | -0.01   | -1.05%                                 |
| ECO77_110         | 1                                 | 619184 | 304893 | 0.50   | 2.90   | 3.40  | 0.49   | 2.90   | 3.39  | 0.25  | 24.57%                                 | 0.10  | 9.69%                                  | -0.01   | -0.96%                                 |
| ECO77_120         | 1                                 | 619193 | 304897 | 0.46   | 2.90   | 3.36  | 0.45   | 2.90   | 3.35  | 0.23  | 23.08%                                 | 0.09  | 8.97%                                  | -0.01   | -0.87%                                 |
| ECO77_130         | 1                                 | 619202 | 304901 | 0.43   | 2.90   | 3.32  | 0.42   | 2.90   | 3.32  | 0.22  | 21.83%                                 | 0.08  | 8.35%                                  | -0.01   | -0.80%                                 |
| ECO77_140         | 1                                 | 619212 | 304905 | 0.40   | 2.90   | 3.30  | 0.39   | 2.90   | 3.29  | 0.21  | 20.76%                                 | 0.08  | 7.81%                                  | -0.01   | -0.75%                                 |
| ECO77_150         | 1                                 | 619221 | 304909 | 0.37   | 2.90   | 3.27  | 0.37   | 2.90   | 3.26  | 0.20  | 19.83%                                 | 0.07  | 7.35%                                  | -0.01   | -0.69%                                 |
| ECO77_160         | 1                                 | 619230 | 304913 | 0.35   | 2.90   | 3.25  | 0.34   | 2.90   | 3.24  | 0.19  | 19.01%                                 | 0.07  | 6.94%                                  | -0.01   | -0.65%                                 |
| ECO77_170         | 1                                 | 619239 | 304917 | 0.33   | 2.90   | 3.23  | 0.32   | 2.90   | 3.22  | 0.18  | 18.28%                                 | 0.07  | 6.57%                                  | -0.01   | -0.61%                                 |
| ECO77_180         | 1                                 | 619248 | 304921 | 0.31   | 2.90   | 3.21  | 0.31   | 2.90   | 3.20  | 0.18  | 17.64%                                 | 0.06  | 6.25%                                  | -0.01   | -0.57%                                 |
| ECO77_190         | 1                                 | 619257 | 304925 | 0.30   | 2.90   | 3.19  | 0.29   | 2.90   | 3.19  | 0.17  | 17.05%                                 | 0.06  | 5.95%                                  | -0.01   | -0.54%                                 |
| ECO77_200         | 1                                 | 619267 | 304929 | 0.28   | 2.90   | 3.18  | 0.28   | 2.90   | 3.17  | 0.17  | 16.52%                                 | 0.06  | 5.69%                                  | -0.01   | -0.51%                                 |
| ECO78_7           | 1                                 | 618778 | 308209 | 2.23   | 2.88   | 5.11  | 2.11   | 2.88   | 4.99  | 0.80  | 79.63%                                 | 0.49  | 49.10%                                 | -0.13   | -12.64%                                |
| ECO78_10          | 1                                 | 618777 | 308212 | 1.56   | 2.88   | 4.44  | 1.48   | 2.88   | 4.35  | 0.57  | 57.18%                                 | 0.34  | 34.49%                                 | -0.09   | -8.82%                                 |
| ECO78_20          | 1                                 | 618775 | 308222 | 0.81   | 2.88   | 3.69  | 0.77   | 2.88   | 3.65  | 0.32  | 32.35%                                 | 0.18  | 18.02%                                 | -0.05   | -4.52%                                 |
| ECO78_30          | 1                                 | 618773 | 308232 | 0.55   | 2.88   | 3.42  | 0.52   | 2.88   | 3.39  | 0.24  | 23.66%                                 | 0.12  | 12.12%                                 | -0.03   | -2.97%                                 |
| ECO78_40          | 1                                 | 618770 | 308241 | 0.41   | 2.88   | 3.29  | 0.39   | 2.88   | 3.27  | 0.19  | 19.29%                                 | 0.09  | 9.14%                                  | -0.02   | -2.19%                                 |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO78_50          | 1                                 | 618768 | 308251 | 0.33   | 2.88   | 3.21  | 0.31   | 2.88   | 3.19  | 0.17  | 16.70%                                 | 0.07  | 7.35%                                  | -0.02   | -1.72%                                 |
| ECO78_60          | 1                                 | 618766 | 308261 | 0.28   | 2.88   | 3.16  | 0.26   | 2.88   | 3.14  | 0.15  | 15.00%                                 | 0.06  | 6.18%                                  | -0.01   | -1.41%                                 |
| ECO78_70          | 1                                 | 618764 | 308271 | 0.24   | 2.88   | 3.12  | 0.23   | 2.88   | 3.11  | 0.14  | 13.80%                                 | 0.05  | 5.35%                                  | -0.01   | -1.20%                                 |
| ECO78_80          | 1                                 | 618762 | 308280 | 0.21   | 2.88   | 3.09  | 0.20   | 2.88   | 3.08  | 0.13  | 12.90%                                 | 0.05  | 4.73%                                  | -0.01   | -1.03%                                 |
| ECO78_90          | 1                                 | 618760 | 308290 | 0.19   | 2.88   | 3.07  | 0.18   | 2.88   | 3.06  | 0.12  | 12.21%                                 | 0.04  | 4.26%                                  | -0.01   | -0.91%                                 |
| ECO78_100         | 1                                 | 618757 | 308300 | 0.17   | 2.88   | 3.05  | 0.16   | 2.88   | 3.04  | 0.12  | 11.66%                                 | 0.04  | 3.88%                                  | -0.01   | -0.81%                                 |
| ECO78_110         | 1                                 | 618755 | 308310 | 0.16   | 2.88   | 3.04  | 0.15   | 2.88   | 3.03  | 0.11  | 11.21%                                 | 0.04  | 3.57%                                  | -0.01   | -0.73%                                 |
| ECO78_120         | 1                                 | 618753 | 308319 | 0.15   | 2.88   | 3.03  | 0.14   | 2.88   | 3.02  | 0.11  | 10.84%                                 | 0.03  | 3.32%                                  | -0.01   | -0.66%                                 |
| ECO78_130         | 1                                 | 618751 | 308329 | 0.14   | 2.88   | 3.02  | 0.13   | 2.88   | 3.01  | 0.11  | 10.53%                                 | 0.03  | 3.11%                                  | -0.01   | -0.61%                                 |
| ECO78_140         | 1                                 | 618749 | 308339 | 0.13   | 2.88   | 3.01  | 0.12   | 2.88   | 3.00  | 0.10  | 10.26%                                 | 0.03  | 2.93%                                  | -0.01   | -0.56%                                 |
| ECO78_150         | 1                                 | 618746 | 308349 | 0.12   | 2.88   | 3.00  | 0.12   | 2.88   | 2.99  | 0.10  | 10.03%                                 | 0.03  | 2.77%                                  | -0.01   | -0.52%                                 |
| ECO78_160         | 1                                 | 618744 | 308359 | 0.12   | 2.88   | 2.99  | 0.11   | 2.88   | 2.99  | 0.10  | 9.83%                                  | 0.03  | 2.64%                                  | 0.00  | -0.48%                                 |
| ECO78_170         | 1                                 | 618742 | 308368 | 0.11   | 2.88   | 2.99  | 0.11   | 2.88   | 2.98  | 0.10  | 9.65%                                  | 0.03  | 2.52%                                  | 0.00  | -0.45%                                 |
| ECO78_180         | 1                                 | 618740 | 308378 | 0.11   | 2.88   | 2.98  | 0.10   | 2.88   | 2.98  | 0.09  | 9.49%                                  | 0.02  | 2.41%                                  | 0.00  | -0.42%                                 |
| ECO78_190         | 1                                 | 618738 | 308388 | 0.10   | 2.88   | 2.98  | 0.10   | 2.88   | 2.97  | 0.09  | 9.35%                                  | 0.02  | 2.32%                                  | 0.00  | -0.40%                                 |
| ECO78_200         | 1                                 | 618736 | 308398 | 0.10   | 2.88   | 2.97  | 0.09   | 2.88   | 2.97  | 0.09  | 9.22%                                  | 0.02  | 2.23%                                  | 0.00  | -0.37%                                 |
| ECO79_17          | 1                                 | 621236 | 315477 | 0.64   | 2.50   | 3.14  | 0.61   | 2.50   | 3.11  | 0.23  | 23.09%                                 | 0.08  | 7.71%                                  | -0.03   | -2.56%                                 |
| ECO79_20          | 1                                 | 621237 | 315476 | 0.58   | 2.50   | 3.08  | 0.55   | 2.50   | 3.05  | 0.21  | 21.29%                                 | 0.07  | 7.03%                                  | -0.02   | -2.26%                                 |
| ECO79_30          | 1                                 | 621246 | 315472 | 0.39   | 2.50   | 2.89  | 0.37   | 2.50   | 2.87  | 0.16  | 16.06%                                 | 0.05  | 5.03%                                  | -0.01   | -1.41%                                 |
| ECO79_40          | 1                                 | 621255 | 315468 | 0.29   | 2.50   | 2.79  | 0.28   | 2.50   | 2.78  | 0.13  | 13.49%                                 | 0.04  | 4.02%                                  | -0.01   | -0.98%                                 |
| ECO79_50          | 1                                 | 621264 | 315463 | 0.23   | 2.50   | 2.73  | 0.23   | 2.50   | 2.73  | 0.12  | 11.97%                                 | 0.03  | 3.42%                                  | -0.01   | -0.72%                                 |
| ECO79_60          | 1                                 | 621273 | 315459 | 0.20   | 2.50   | 2.70  | 0.19   | 2.50   | 2.69  | 0.11  | 10.98%                                 | 0.03  | 3.03%                                  | -0.01   | -0.55%                                 |
| ECO79_70          | 1                                 | 621282 | 315454 | 0.17   | 2.50   | 2.67  | 0.17   | 2.50   | 2.67  | 0.10  | 10.30%                                 | 0.03  | 2.75%                                  | 0.00  | -0.43%                                 |
| ECO79_80          | 1                                 | 621291 | 315450 | 0.15   | 2.50   | 2.65  | 0.15   | 2.50   | 2.65  | 0.10  | 9.80%                                  | 0.03  | 2.55%                                  | 0.00  | -0.34%                                 |
| ECO79_90          | 1                                 | 621300 | 315446 | 0.14   | 2.50   | 2.64  | 0.13   | 2.50   | 2.63  | 0.09  | 9.41%                                  | 0.02  | 2.39%                                  | 0.00  | -0.27%                                 |
| ECO79_100         | 1                                 | 621309 | 315441 | 0.13   | 2.50   | 2.63  | 0.12   | 2.50   | 2.62  | 0.09  | 9.11%                                  | 0.02  | 2.27%                                  | 0.00  | -0.22%                                 |
| ECO79_110         | 1                                 | 621318 | 315437 | 0.12   | 2.50   | 2.62  | 0.11   | 2.50   | 2.61  | 0.09  | 8.87%                                  | 0.02  | 2.17%                                  | 0.00  | -0.17%                                 |
| ECO79_120         | 1                                 | 621327 | 315432 | 0.11   | 2.50   | 2.61  | 0.11   | 2.50   | 2.61  | 0.09  | 8.67%                                  | 0.02  | 2.08%                                  | 0.00  | -0.14%                                 |
| ECO79_130         | 1                                 | 621336 | 315428 | 0.10   | 2.50   | 2.60  | 0.10   | 2.50   | 2.60  | 0.09  | 8.51%                                  | 0.02  | 2.02%                                  | 0.00  | -0.11%                                 |
| ECO79_140         | 1                                 | 621345 | 315423 | 0.10   | 2.50   | 2.60  | 0.10   | 2.50   | 2.60  | 0.08  | 8.37%                                  | 0.02  | 1.96%                                  | 0.00  | -0.08%                                 |
| ECO79_150         | 1                                 | 621354 | 315419 | 0.09   | 2.50   | 2.59  | 0.09   | 2.50   | 2.59  | 0.08  | 8.25%                                  | 0.02  | 1.91%                                  | 0.00  | -0.06%                                 |
| ECO79_160         | 1                                 | 621363 | 315415 | 0.09   | 2.50   | 2.59  | 0.09   | 2.50   | 2.59  | 0.08  | 8.15%                                  | 0.02  | 1.87%                                  | 0.00  | -0.04%                                 |
| ECO79_170         | 1                                 | 621372 | 315410 | 0.08   | 2.50   | 2.58  | 0.08   | 2.50   | 2.58  | 0.08  | 8.06%                                  | 0.02  | 1.83%                                  | 0.00  | -0.03%                                 |
| ECO79_180         | 1                                 | 621381 | 315406 | 0.08   | 2.50   | 2.58  | 0.08   | 2.50   | 2.58  | 0.08  | 7.98%                                  | 0.02  | 1.80%                                  | 0.00  | -0.01%                                 |
| ECO79_190         | 1                                 | 621390 | 315401 | 0.08   | 2.50   | 2.58  | 0.08   | 2.50   | 2.58  | 0.08  | 7.91%                                  | 0.02  | 1.77%                                  | 0.00  | 0.00%                                  |
| ECO79_200         | 1                                 | 621399 | 315397 | 0.08   | 2.50   | 2.58  | 0.08   | 2.50   | 2.58  | 0.08  | 7.85%                                  | 0.02  | 1.75%                                  | 0.00  | 0.01%                                  |
| ECO80_5           | 1                                 | 617027 | 310789 | 1.30   | 2.62   | 3.92  | 1.01   | 2.62   | 3.63  | 0.33  | 32.91%                                 | 0.14  | 14.41%                                 | -0.29   | -29.19%                                |
| ECO80_10          | 1                                 | 617032 | 310788 | 0.74   | 2.62   | 3.36  | 0.58   | 2.62   | 3.20  | 0.21  | 20.80%                                 | 0.08  | 8.28%                                  | -0.16   | -16.23%                                |
| ECO80_20          | 1                                 | 617042 | 310786 | 0.39   | 2.62   | 3.01  | 0.31   | 2.62   | 2.93  | 0.14  | 13.54%                                 | 0.05  | 4.50%                                  | -0.08   | -8.20%                                 |
| ECO80_30          | 1                                 | 617052 | 310784 | 0.27   | 2.62   | 2.89  | 0.22   | 2.62   | 2.84  | 0.11  | 11.01%                                 | 0.03  | 3.15%                                  | -0.05   | -5.31%                                 |
| ECO80_40          | 1                                 | 617062 | 310783 | 0.21   | 2.62   | 2.83  | 0.17   | 2.62   | 2.79  | 0.10  | 9.75%                                  | 0.02  | 2.47%                                  | -0.04   | -3.85%                                 |
| ECO80_50          | 1                                 | 617071 | 310781 | 0.17   | 2.62   | 2.79  | 0.14   | 2.62   | 2.76  | 0.09  | 9.02%                                  | 0.02  | 2.07%                                  | -0.03   | -3.00%                                 |
| ECO80_60          | 1                                 | 617081 | 310779 | 0.15   | 2.62   | 2.77  | 0.12   | 2.62   | 2.74  | 0.09  | 8.55%                                  | 0.02  | 1.80%                                  | -0.02   | -2.44%                                 |
| ECO80_70          | 1                                 | 617091 | 310777 | 0.13   | 2.62   | 2.75  | 0.11   | 2.62   | 2.73  | 0.08  | 8.22%                                  | 0.02  | 1.62%                                  | -0.02   | -2.04%                                 |
| ECO80_80          | 1                                 | 617101 | 310776 | 0.12   | 2.62   | 2.74  | 0.10   | 2.62   | 2.72  | 0.08  | 7.97%                                  | 0.01  | 1.48%                                  | -0.02   | -1.75%                                 |
| ECO80_90          | 1                                 | 617111 | 310774 | 0.11   | 2.62   | 2.73  | 0.09   | 2.62   | 2.71  | 0.08  | 7.78%                                  | 0.01  | 1.38%                                  | -0.02   | -1.53%                                 |
| ECO80_100         | 1                                 | 617121 | 310772 | 0.10   | 2.62   | 2.72  | 0.09   | 2.62   | 2.71  | 0.08  | 7.64%                                  | 0.01  | 1.30%                                  | -0.01   | -1.36%                                 |
| ECO80_110         | 1                                 | 617131 | 310770 | 0.09   | 2.62   | 2.72  | 0.08   | 2.62   | 2.70  | 0.08  | 7.52%                                  | 0.01  | 1.23%                                  | -0.01   | -1.21%                                 |
| ECO80_120         | 1                                 | 617140 | 310769 | 0.09   | 2.62   | 2.71  | 0.08   | 2.62   | 2.70  | 0.07  | 7.42%                                  | 0.01  | 1.17%                                  | -0.01   | -1.10%                                 |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO80_130         | 1                                 | 617150 | 310767 | 0.08   | 2.62   | 2.71  | 0.07   | 2.62   | 2.70  | 0.07  | 7.33%                                  | 0.01  | 1.13%                                  | -0.01   | -1.00%                                 |
| ECO80_140         | 1                                 | 617160 | 310765 | 0.08   | 2.62   | 2.70  | 0.07   | 2.62   | 2.69  | 0.07  | 7.26%                                  | 0.01  | 1.09%                                  | -0.01   | -0.92%                                 |
| ECO80_150         | 1                                 | 617170 | 310763 | 0.08   | 2.62   | 2.70  | 0.07   | 2.62   | 2.69  | 0.07  | 7.20%                                  | 0.01  | 1.06%                                  | -0.01   | -0.85%                                 |
| ECO80_160         | 1                                 | 617180 | 310762 | 0.07   | 2.62   | 2.70  | 0.07   | 2.62   | 2.69  | 0.07  | 7.15%                                  | 0.01  | 1.03%                                  | -0.01   | -0.78%                                 |
| ECO80_170         | 1                                 | 617190 | 310760 | 0.07   | 2.62   | 2.69  | 0.07   | 2.62   | 2.69  | 0.07  | 7.10%                                  | 0.01  | 1.00%                                  | -0.01   | -0.73%                                 |
| ECO80_180         | 1                                 | 617199 | 310758 | 0.07   | 2.62   | 2.69  | 0.06   | 2.62   | 2.69  | 0.07  | 7.06%                                  | 0.01  | 0.98%                                  | -0.01   | -0.68%                                 |
| ECO80_190         | 1                                 | 617209 | 310756 | 0.07   | 2.62   | 2.69  | 0.06   | 2.62   | 2.68  | 0.07  | 7.02%                                  | 0.01  | 0.96%                                  | -0.01   | -0.64%                                 |
| ECO80_200         | 1                                 | 617219 | 310755 | 0.07   | 2.62   | 2.69  | 0.06   | 2.62   | 2.68  | 0.07  | 6.99%                                  | 0.01  | 0.94%                                  | -0.01   | -0.60%                                 |
| VeteranTree1      | 1                                 | 613995 | 315565 | 0.03   | 3.27   | 3.30  | 0.09   | 3.27   | 3.36  | 0.14  | 13.67%                                 | 0.07  | 6.70%                                  | 0.06  | 5.96%                                  |
| VeteranTree2      | 1                                 | 613946 | 315720 | 0.07   | 3.27   | 3.34  | 0.09   | 3.27   | 3.36  | 0.11  | 11.40%                                 | 0.04  | 3.89%                                  | 0.02  | 2.34%                                  |
| VeteranTree3      | 1                                 | 613169 | 315291 | 0.01   | 3.27   | 3.28  | 0.21   | 3.27   | 3.48  | 0.27  | 27.10%                                 | 0.20  | 20.41%                                 | 0.20  | 20.07%                                 |
| VeteranTree4      | 1                                 | 612410 | 315291 | 0.01   | 3.37   | 3.38  | 0.06   | 3.37   | 3.42  | 0.12  | 11.66%                                 | 0.05  | 4.77%                                  | 0.04  | 4.47%                                  |
| VeteranTree5      | 1                                 | 611615 | 316133 | 0.12   | 3.47   | 3.59  | 0.02   | 3.47   | 3.49  | 0.03  | 2.77%                                  | -0.06   | -5.68%                                 | -0.11   | -10.61%                                |
| VeteranTree6      | 1                                 | 611773 | 314194 | 0.01   | 3.27   | 3.28  | 0.11   | 3.27   | 3.38  | 0.17  | 17.06%                                 | 0.10  | 10.39%                                 | 0.10  | 9.94%                                  |
| VeteranTree7      | 1                                 | 611533 | 314557 | 0.04   | 3.27   | 3.31  | 0.04   | 3.27   | 3.31  | 0.09  | 9.05%                                  | 0.02  | 2.16%                                  | 0.00  | 0.04%                                  |
| VeteranTree8      | 1                                 | 611919 | 314773 | 0.01   | 3.27   | 3.28  | 0.07   | 3.27   | 3.33  | 0.13  | 12.69%                                 | 0.06  | 6.02%                                  | 0.06  | 5.64%                                  |
| VeteranTree9      | 1                                 | 613539 | 315278 | 0.01   | 3.27   | 3.28  | 0.14   | 3.27   | 3.41  | 0.20  | 19.90%                                 | 0.13  | 13.19%                                 | 0.13  | 12.82%                                 |
| VeteranTree10     | 1                                 | 613456 | 315232 | 0.01   | 3.27   | 3.28  | 0.22   | 3.27   | 3.49  | 0.28  | 28.03%                                 | 0.21  | 21.33%                                 | 0.21  | 20.98%                                 |
| VeteranTree11     | 1                                 | 613426 | 315245 | 0.01   | 3.27   | 3.28  | 0.19   | 3.27   | 3.46  | 0.25  | 24.83%                                 | 0.18  | 18.13%                                 | 0.18  | 17.77%                                 |
| VeteranTree12     | 1                                 | 613408 | 315252 | 0.01   | 3.27   | 3.28  | 0.18   | 3.27   | 3.45  | 0.24  | 23.83%                                 | 0.17  | 17.14%                                 | 0.17  | 16.78%                                 |
| VeteranTree13     | 1                                 | 613393 | 315257 | 0.01   | 3.27   | 3.28  | 0.17   | 3.27   | 3.44  | 0.23  | 23.10%                                 | 0.16  | 16.40%                                 | 0.16  | 16.04%                                 |
| VeteranTree14     | 1                                 | 610899 | 314060 | 0.02   | 2.97   | 2.99  | 0.04   | 2.97   | 3.01  | 0.08  | 8.37%                                  | 0.02  | 2.14%                                  | 0.02  | 1.88%                                  |
| VeteranTree15     | 1                                 | 610950 | 314022 | 0.02   | 2.97   | 2.99  | 0.04   | 2.97   | 3.01  | 0.08  | 8.00%                                  | 0.02  | 1.54%                                  | 0.02  | 2.10%                                  |
| VeteranTree16     | 1                                 | 611321 | 313786 | 0.02   | 3.06   | 3.08  | 0.16   | 3.06   | 3.22  | 0.21  | 21.12%                                 | 0.15  | 14.66%                                 | 0.15  | 14.72%                                 |
| VeteranTree17     | 1                                 | 611205 | 313657 | 0.01   | 3.06   | 3.08  | 0.12   | 3.06   | 3.18  | 0.17  | 17.10%                                 | 0.11  | 10.81%                                 | 0.10  | 10.23%                                 |
| VeteranTree18     | 1                                 | 610964 | 313753 | 0.02   | 3.16   | 3.18  | 0.12   | 3.16   | 3.28  | 0.17  | 17.35%                                 | 0.11  | 10.84%                                 | 0.10  | 10.11%                                 |
| VeteranTree19     | 1                                 | 610981 | 313740 | 0.02   | 3.16   | 3.18  | 0.14   | 3.16   | 3.31  | 0.20  | 19.95%                                 | 0.13  | 13.45%                                 | 0.13  | 12.78%                                 |
| VeteranTree20     | 1                                 | 610295 | 313398 | 0.02   | 3.16   | 3.19  | 0.09   | 3.16   | 3.25  | 0.14  | 14.05%                                 | 0.08  | 7.52%                                  | 0.06  | 6.20%                                  |
| VeteranTree21     | 1                                 | 610329 | 313369 | 0.02   | 3.16   | 3.19  | 0.12   | 3.16   | 3.28  | 0.17  | 17.45%                                 | 0.11  | 10.93%                                 | 0.10  | 9.72%                                  |
| VeteranTree22     | 1                                 | 610484 | 313141 | 0.02   | 3.16   | 3.18  | 0.08   | 3.16   | 3.25  | 0.14  | 13.74%                                 | 0.07  | 7.20%                                  | 0.06  | 6.18%                                  |
| VeteranTree23     | 1                                 | 610474 | 313242 | 0.02   | 3.16   | 3.18  | 0.18   | 3.16   | 3.35  | 0.24  | 23.84%                                 | 0.17  | 17.32%                                 | 0.16  | 16.31%                                 |
| VeteranTree24     | 1                                 | 611468 | 313954 | 0.01   | 3.06   | 3.07  | 0.24   | 3.06   | 3.30  | 0.29  | 29.28%                                 | 0.23  | 23.01%                                 | 0.23  | 22.53%                                 |
| VeteranTree25     | 1                                 | 611536 | 313974 | 0.01   | 3.06   | 3.07  | 0.14   | 3.06   | 3.20  | 0.19  | 19.19%                                 | 0.13  | 12.92%                                 | 0.12  | 12.46%                                 |
| VeteranTree26     | 1                                 | 611718 | 314142 | 0.01   | 3.27   | 3.28  | 0.12   | 3.27   | 3.38  | 0.17  | 17.49%                                 | 0.11  | 10.81%                                 | 0.10  | 10.37%                                 |
| VeteranTree27     | 1                                 | 615300 | 314200 | 0.04   | 2.96   | 3.00  | 0.02   | 2.96   | 2.98  | 0.05  | 5.02%                                  | -0.01   | -1.43%                                 | -0.02   | -1.56%                                 |
| VeteranTree28     | 1                                 | 616200 | 314600 | 0.12   | 2.96   | 3.08  | 0.12   | 2.96   | 3.08  | 0.09  | 8.89%                                  | 0.02  | 1.52%                                  | 0.00  | 0.44%                                  |
| VeteranTree29     | 1                                 | 609589 | 314722 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.01%                                  | -0.01   | -0.68%                                 | -0.01   | -0.70%                                 |
| VeteranTree30     | 1                                 | 609666 | 314725 | 0.17   | 3.16   | 3.33  | 0.04   | 3.16   | 3.21  | -0.07   | -7.33%                                 | -0.17   | -17.20%                                | -0.12   | -12.28%                                |
| VeteranTree31     | 1                                 | 610000 | 317100 | 0.03   | 3.47   | 3.50  | 0.01   | 3.47   | 3.48  | 0.05  | 5.38%                                  | -0.02   | -2.18%                                 | -0.02   | -1.94%                                 |
| VeteranTree32     | 1                                 | 613366 | 314192 | 0.02   | 3.16   | 3.19  | 0.03   | 3.16   | 3.20  | 0.08  | 7.74%                                  | 0.01  | 0.97%                                  | 0.01  | 0.76%                                  |
| VeteranTree33     | 1                                 | 611567 | 316340 | 0.02   | 3.47   | 3.49  | 0.01   | 3.47   | 3.48  | 0.07  | 7.34%                                  | 0.00  | 0.18%                                  | -0.01   | -0.55%                                 |
| VeteranTree34     | 1                                 | 609600 | 314700 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.12%                                  | -0.01   | -0.55%                                 | -0.01   | -0.60%                                 |
| VeteranTree35     | 1                                 | 614800 | 313700 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 6.06%                                  | 0.00  | -0.15%                                 | 0.00  | -0.38%                                 |
| VeteranTree36     | 1                                 | 609572 | 314685 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.44%                                  | 0.00  | -0.15%                                 | 0.00  | -0.33%                                 |
| VeteranTree37     | 1                                 | 615400 | 314100 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 6.38%                                  | 0.00  | 0.18%                                  | 0.00  | -0.24%                                 |
| VeteranTree38     | 1                                 | 614714 | 315593 | 0.07   | 3.16   | 3.23  | 0.16   | 3.16   | 3.33  | 0.18  | 18.31%                                 | 0.11  | 11.02%                                 | 0.09  | 9.39%                                  |
| VeteranTree39     | 1                                 | 614198 | 315841 | 0.06   | 3.16   | 3.23  | 0.09   | 3.16   | 3.25  | 0.11  | 10.85%                                 | 0.04  | 3.62%                                  | 0.02  | 2.22%                                  |
| VeteranTree40     | 1                                 | 609600 | 314700 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.12%                                  | -0.01   | -0.55%                                 | -0.01   | -0.60%                                 |
| VeteranTree41     | 1                                 | 616300 | 314800 | 0.05   | 2.96   | 3.01  | 0.06   | 2.96   | 3.02  | 0.08  | 7.64%                                  | 0.01  | 1.05%                                  | 0.00  | 0.43%                                  |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| VeteranTree42     | 1                                 | 616000 | 313800 | 0.12   | 2.86   | 2.97  | 0.10   | 2.86   | 2.95  | 0.08  | 8.06%                                  | 0.01  | 1.17%                                  | -0.02   | -2.20%                                 |
| VeteranTree43     | 1                                 | 609878 | 311853 | 0.03   | 3.06   | 3.09  | 0.04   | 3.06   | 3.10  | 0.08  | 7.64%                                  | 0.01  | 1.05%                                  | 0.01  | 0.81%                                  |
| VeteranTree44     | 1                                 | 612134 | 312396 | 0.04   | 2.96   | 3.00  | 0.02   | 2.96   | 2.98  | 0.07  | 7.23%                                  | 0.01  | 1.09%                                  | -0.02   | -2.14%                                 |
| VeteranTree45     | 1                                 | 614802 | 315647 | 0.05   | 3.16   | 3.22  | 0.12   | 3.16   | 3.28  | 0.15  | 14.91%                                 | 0.08  | 7.89%                                  | 0.06  | 6.50%                                  |
| VeteranTree46     | 1                                 | 611393 | 315901 | 0.71   | 3.37   | 4.08  | 0.04   | 3.37   | 3.41  | -0.17   | -16.87%                                | -0.31   | -30.97%                                | -0.67   | -67.33%                                |
| VeteranTree47     | 1                                 | 605552 | 313158 | 0.02   | 3.13   | 3.15  | 0.02   | 3.13   | 3.16  | 0.08  | 7.64%                                  | 0.01  | 1.11%                                  | 0.00  | 0.19%                                  |
| VeteranTree48     | 1                                 | 614800 | 314000 | 0.03   | 3.06   | 3.09  | 0.02   | 3.06   | 3.08  | 0.05  | 5.11%                                  | -0.02   | -1.52%                                 | -0.01   | -1.50%                                 |
| VeteranTree49     | 1                                 | 615400 | 314100 | 0.02   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 6.38%                                  | 0.00  | 0.18%                                  | 0.00  | -0.24%                                 |
| VeteranTree50     | 1                                 | 611545 | 316410 | 0.02   | 3.47   | 3.49  | 0.01   | 3.47   | 3.48  | 0.07  | 7.39%                                  | 0.00  | 0.27%                                  | -0.01   | -0.91%                                 |
| VeteranTree51     | 1                                 | 609601 | 314735 | 0.03   | 3.16   | 3.19  | 0.02   | 3.16   | 3.18  | 0.06  | 5.52%                                  | -0.01   | -1.27%                                 | -0.01   | -1.11%                                 |
| VeteranTree52     | 1                                 | 609585 | 314710 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.19%                                  | 0.00  | -0.47%                                 | -0.01   | -0.54%                                 |
| VeteranTree53     | 1                                 | 609704 | 311799 | 0.02   | 3.06   | 3.08  | 0.03   | 3.06   | 3.09  | 0.03  | 3.22%                                  | -0.04   | -4.21%                                 | 0.01  | 0.58%                                  |
| VeteranTree54     | 1                                 | 615200 | 314100 | 0.03   | 2.96   | 2.98  | 0.02   | 2.96   | 2.98  | 0.06  | 5.83%                                  | 0.00  | -0.45%                                 | -0.01   | -0.67%                                 |
| VeteranTree55     | 1                                 | 617400 | 311900 | 0.10   | 2.65   | 2.76  | 0.08   | 2.65   | 2.74  | 0.08  | 8.04%                                  | 0.02  | 1.78%                                  | -0.02   | -2.25%                                 |
| VeteranTree56     | 1                                 | 614355 | 315729 | 0.07   | 3.16   | 3.23  | 0.15   | 3.16   | 3.31  | 0.17  | 17.05%                                 | 0.10  | 9.73%                                  | 0.08  | 8.20%                                  |
| VeteranTree57     | 1                                 | 613592 | 316433 | 0.06   | 3.47   | 3.53  | 0.06   | 3.47   | 3.53  | 0.09  | 8.89%                                  | 0.01  | 1.10%                                  | 0.00  | -0.16%                                 |
| VeteranTree58     | 1                                 | 616000 | 313800 | 0.12   | 2.86   | 2.97  | 0.10   | 2.86   | 2.95  | 0.08  | 8.06%                                  | 0.01  | 1.17%                                  | -0.02   | -2.20%                                 |
| VeteranTree59     | 1                                 | 609600 | 314700 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.12%                                  | -0.01   | -0.55%                                 | -0.01   | -0.60%                                 |
| VeteranTree60     | 1                                 | 606608 | 312821 | 0.05   | 3.13   | 3.19  | 0.07   | 3.13   | 3.21  | 0.12  | 12.07%                                 | 0.05  | 5.43%                                  | 0.02  | 1.95%                                  |
| VeteranTree61     | 1                                 | 610000 | 317100 | 0.03   | 3.47   | 3.50  | 0.01   | 3.47   | 3.48  | 0.05  | 5.38%                                  | -0.02   | -2.18%                                 | -0.02   | -1.94%                                 |
| VeteranTree62     | 1                                 | 612357 | 318777 | 0.01   | 3.57   | 3.59  | 0.02   | 3.57   | 3.59  | 0.08  | 7.85%                                  | 0.01  | 0.50%                                  | 0.00  | 0.11%                                  |
| VeteranTree63     | 1                                 | 613000 | 314000 | 0.02   | 3.16   | 3.18  | 0.02   | 3.16   | 3.18  | 0.07  | 7.36%                                  | 0.01  | 0.87%                                  | 0.00  | 0.20%                                  |
| VeteranTree64     | 1                                 | 609600 | 314700 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.12%                                  | -0.01   | -0.55%                                 | -0.01   | -0.60%                                 |
| VeteranTree65     | 1                                 | 609544 | 314641 | 0.01   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.07  | 6.68%                                  | 0.00  | 0.13%                                  | 0.00  | -0.13%                                 |
| VeteranTree66     | 1                                 | 610000 | 317100 | 0.03   | 3.47   | 3.50  | 0.01   | 3.47   | 3.48  | 0.05  | 5.38%                                  | -0.02   | -2.18%                                 | -0.02   | -1.94%                                 |
| VeteranTree67     | 1                                 | 609600 | 314700 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.12%                                  | -0.01   | -0.55%                                 | -0.01   | -0.60%                                 |
| VeteranTree68     | 1                                 | 615600 | 314800 | 0.06   | 2.96   | 3.02  | 0.05   | 2.96   | 3.01  | 0.06  | 5.85%                                  | -0.01   | -0.85%                                 | -0.01   | -0.96%                                 |
| VeteranTree69     | 1                                 | 607173 | 313229 | 0.07   | 3.16   | 3.23  | 0.07   | 3.16   | 3.24  | 0.08  | 7.55%                                  | 0.00  | -0.13%                                 | 0.01  | 0.80%                                  |
| VeteranTree70     | 1                                 | 612149 | 312398 | 0.06   | 2.96   | 3.02  | 0.02   | 2.96   | 2.98  | 0.07  | 7.35%                                  | 0.01  | 1.21%                                  | -0.03   | -3.38%                                 |
| VeteranTree71     | 1                                 | 615033 | 315695 | 0.06   | 3.16   | 3.22  | 0.12   | 3.16   | 3.29  | 0.16  | 15.60%                                 | 0.09  | 8.67%                                  | 0.07  | 6.69%                                  |
| VeteranTree72     | 1                                 | 611567 | 316340 | 0.02   | 3.47   | 3.49  | 0.01   | 3.47   | 3.48  | 0.07  | 7.34%                                  | 0.00  | 0.18%                                  | -0.01   | -0.55%                                 |
| VeteranTree73     | 1                                 | 609600 | 314700 | 0.02   | 3.16   | 3.18  | 0.01   | 3.16   | 3.18  | 0.06  | 6.12%                                  | -0.01   | -0.55%                                 | -0.01   | -0.60%                                 |
| ECO82_0           | 1                                 | 610969 | 311716 | 3.48   | 2.44   | 5.91  | 3.71   | 2.44   | 6.15  | 3.68  | 368.41%                                | 3.62  | 361.88%                                | 0.24  | 23.68%                                 |
| ECO82_15          | 1                                 | 610979 | 311716 | 1.66   | 2.44   | 4.10  | 1.78   | 2.44   | 4.22  | 1.76  | 175.58%                                | 1.69  | 169.12%                                | 0.12  | 12.14%                                 |
| ECO89_136         | 1                                 | 616990 | 309140 | 0.07   | 2.23   | 2.31  | 0.07   | 2.23   | 2.31  | 0.08  | 7.62%                                  | 0.02  | 2.11%                                  | 0.00  | -0.29%                                 |
| ECO89_140         | 1                                 | 616991 | 309136 | 0.07   | 2.23   | 2.31  | 0.07   | 2.23   | 2.30  | 0.08  | 7.60%                                  | 0.02  | 2.09%                                  | 0.00  | -0.28%                                 |
| ECO89_150         | 1                                 | 616996 | 309127 | 0.07   | 2.23   | 2.31  | 0.07   | 2.23   | 2.30  | 0.08  | 7.54%                                  | 0.02  | 2.05%                                  | 0.00  | -0.26%                                 |
| ECO89_160         | 1                                 | 617001 | 309119 | 0.07   | 2.23   | 2.31  | 0.07   | 2.23   | 2.30  | 0.07  | 7.49%                                  | 0.02  | 2.01%                                  | 0.00  | -0.24%                                 |
| ECO89_170         | 1                                 | 617006 | 309110 | 0.07   | 2.23   | 2.30  | 0.07   | 2.23   | 2.30  | 0.07  | 7.44%                                  | 0.02  | 1.97%                                  | 0.00  | -0.23%                                 |
| ECO89_180         | 1                                 | 617010 | 309101 | 0.07   | 2.23   | 2.30  | 0.07   | 2.23   | 2.30  | 0.07  | 7.40%                                  | 0.02  | 1.94%                                  | 0.00  | -0.21%                                 |
| ECO89_190         | 1                                 | 617015 | 309092 | 0.07   | 2.23   | 2.30  | 0.07   | 2.23   | 2.30  | 0.07  | 7.37%                                  | 0.02  | 1.91%                                  | 0.00  | -0.20%                                 |
| ECO89_200         | 1                                 | 617020 | 309084 | 0.07   | 2.23   | 2.30  | 0.07   | 2.23   | 2.30  | 0.07  | 7.33%                                  | 0.02  | 1.88%                                  | 0.00  | -0.19%                                 |
| ECO83_36          | 1                                 | 610931 | 311685 | 0.43   | 2.44   | 2.87  | 0.47   | 2.44   | 2.91  | 0.41  | 41.37%                                 | 0.34  | 34.21%                                 | 0.04  | 4.26%                                  |
| ECO83_40          | 1                                 | 610926 | 311684 | 0.39   | 2.44   | 2.83  | 0.43   | 2.44   | 2.87  | 0.36  | 36.43%                                 | 0.29  | 29.19%                                 | 0.04  | 3.96%                                  |
| ECO83_50          | 1                                 | 610917 | 311682 | 0.31   | 2.44   | 2.75  | 0.35   | 2.44   | 2.79  | 0.28  | 27.69%                                 | 0.20  | 20.27%                                 | 0.03  | 3.48%                                  |
| ECO83_60          | 1                                 | 610907 | 311680 | 0.26   | 2.44   | 2.70  | 0.30   | 2.44   | 2.74  | 0.21  | 21.41%                                 | 0.14  | 13.77%                                 | 0.03  | 3.20%                                  |
| ECO83_70          | 1                                 | 610897 | 311678 | 0.23   | 2.44   | 2.67  | 0.26   | 2.44   | 2.70  | 0.16  | 16.41%                                 | 0.09  | 8.51%                                  | 0.03  | 3.04%                                  |
| ECO83_80          | 1                                 | 610887 | 311676 | 0.20   | 2.44   | 2.64  | 0.23   | 2.44   | 2.67  | 0.12  | 12.13%                                 | 0.04  | 3.90%                                  | 0.03  | 2.97%                                  |
| ECO83_90          | 1                                 | 610877 | 311674 | 0.18   | 2.44   | 2.62  | 0.21   | 2.44   | 2.65  | 0.08  | 8.20%                                  | 0.00  | -0.43%                                 | 0.03  | 2.99%                                  |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO83_100         | 1                                 | 610868 | 311672 | 0.17   | 2.44   | 2.60  | 0.20   | 2.44   | 2.64  | 0.04  | 4.27%                                  | -0.05   | -4.90%                                 | 0.03  | 3.09%                                  |
| ECO84_0           | 1                                 | 610948 | 311711 | 2.26   | 2.44   | 4.70  | 2.45   | 2.44   | 4.89  | 2.41  | 241.17%                                | 2.34  | 234.44%                                | 0.19  | 18.66%                                 |
| ECO84_10          | 1                                 | 610942 | 311709 | 1.24   | 2.44   | 3.68  | 1.34   | 2.44   | 3.78  | 1.30  | 130.13%                                | 1.23  | 123.33%                                | 0.10  | 10.46%                                 |
| ECO84_20          | 1                                 | 610932 | 311707 | 0.71   | 2.44   | 3.15  | 0.78   | 2.44   | 3.22  | 0.73  | 72.96%                                 | 0.66  | 66.04%                                 | 0.06  | 6.37%                                  |
| ECO84_30          | 1                                 | 610923 | 311704 | 0.50   | 2.44   | 2.94  | 0.55   | 2.44   | 2.99  | 0.49  | 49.27%                                 | 0.42  | 42.21%                                 | 0.05  | 4.76%                                  |
| ECO85_0           | 1                                 | 614353 | 315539 | 0.40   | 3.16   | 3.56  | 2.52   | 3.16   | 5.68  | 2.33  | 233.00%                                | 2.21  | 220.81%                                | 2.12  | 212.49%                                |
| ECO85_10          | 1                                 | 614356 | 315537 | 0.39   | 3.16   | 3.56  | 1.79   | 3.16   | 4.95  | 1.60  | 159.93%                                | 1.48  | 147.77%                                | 1.39  | 139.49%                                |
| ECO85_20          | 1                                 | 614365 | 315532 | 0.39   | 3.16   | 3.55  | 1.12   | 3.16   | 4.29  | 0.94  | 93.62%                                 | 0.82  | 81.53%                                 | 0.73  | 73.33%                                 |
| ECO85_30          | 1                                 | 614373 | 315527 | 0.39   | 3.16   | 3.55  | 0.92   | 3.16   | 4.08  | 0.73  | 73.49%                                 | 0.61  | 61.43%                                 | 0.53  | 53.28%                                 |
| ECO85_40          | 1                                 | 614382 | 315522 | 0.39   | 3.16   | 3.55  | 0.84   | 3.16   | 4.00  | 0.65  | 64.93%                                 | 0.53  | 52.87%                                 | 0.45  | 44.71%                                 |
| ECO85_50          | 1                                 | 614391 | 315518 | 0.39   | 3.16   | 3.55  | 0.79   | 3.16   | 3.96  | 0.61  | 60.83%                                 | 0.49  | 48.76%                                 | 0.41  | 40.60%                                 |
| ECO85_60          | 1                                 | 614399 | 315513 | 0.39   | 3.16   | 3.55  | 0.77   | 3.16   | 3.94  | 0.59  | 58.60%                                 | 0.47  | 46.54%                                 | 0.38  | 38.38%                                 |
| ECO85_70          | 1                                 | 614408 | 315508 | 0.39   | 3.16   | 3.55  | 0.76   | 3.16   | 3.92  | 0.57  | 57.29%                                 | 0.45  | 45.25%                                 | 0.37  | 37.13%                                 |
| ECO85_80          | 1                                 | 614417 | 315503 | 0.38   | 3.16   | 3.54  | 0.75   | 3.16   | 3.91  | 0.57  | 56.51%                                 | 0.45  | 44.56%                                 | 0.37  | 36.55%                                 |
| ECO85_90          | 1                                 | 614425 | 315498 | 0.37   | 3.16   | 3.54  | 0.73   | 3.16   | 3.90  | 0.56  | 55.83%                                 | 0.44  | 44.01%                                 | 0.36  | 36.17%                                 |
| ECO85_100         | 1                                 | 614434 | 315493 | 0.36   | 3.16   | 3.53  | 0.72   | 3.16   | 3.88  | 0.55  | 54.87%                                 | 0.43  | 43.23%                                 | 0.36  | 35.61%                                 |
| ECO85_110         | 1                                 | 614443 | 315488 | 0.35   | 3.16   | 3.51  | 0.70   | 3.16   | 3.86  | 0.54  | 53.83%                                 | 0.42  | 42.36%                                 | 0.35  | 34.97%                                 |
| ECO85_120         | 1                                 | 614451 | 315483 | 0.34   | 3.16   | 3.50  | 0.68   | 3.16   | 3.85  | 0.53  | 52.76%                                 | 0.41  | 41.47%                                 | 0.34  | 34.32%                                 |
| ECO85_130         | 1                                 | 614460 | 315478 | 0.33   | 3.16   | 3.49  | 0.66   | 3.16   | 3.83  | 0.52  | 51.73%                                 | 0.41  | 40.62%                                 | 0.34  | 33.71%                                 |
| ECO85_140         | 1                                 | 614469 | 315473 | 0.32   | 3.16   | 3.48  | 0.65   | 3.16   | 3.81  | 0.51  | 50.64%                                 | 0.40  | 39.74%                                 | 0.33  | 33.09%                                 |
| ECO85_159         | 1                                 | 614485 | 315463 | 0.29   | 3.16   | 3.45  | 0.61   | 3.16   | 3.77  | 0.48  | 48.46%                                 | 0.38  | 37.94%                                 | 0.32  | 31.82%                                 |
| ECO88_143         | 1                                 | 617804 | 307941 | 0.16   | 2.34   | 2.50  | 0.16   | 2.34   | 2.49  | 0.11  | 11.15%                                 | 0.04  | 4.20%                                  | 0.00  | -0.32%                                 |
| ECO88_150         | 1                                 | 617799 | 307945 | 0.15   | 2.34   | 2.49  | 0.15   | 2.34   | 2.49  | 0.11  | 10.91%                                 | 0.04  | 4.04%                                  | 0.00  | -0.30%                                 |
| ECO87_146         | 1                                 | 617800 | 307941 | 0.16   | 2.34   | 2.49  | 0.15   | 2.34   | 2.49  | 0.11  | 11.08%                                 | 0.04  | 4.16%                                  | 0.00  | -0.31%                                 |
| ECO87_150         | 1                                 | 617797 | 307944 | 0.15   | 2.34   | 2.49  | 0.15   | 2.34   | 2.49  | 0.11  | 10.93%                                 | 0.04  | 4.06%                                  | 0.00  | -0.30%                                 |
| ECO87_160         | 1                                 | 617789 | 307951 | 0.15   | 2.34   | 2.48  | 0.14   | 2.34   | 2.48  | 0.11  | 10.64%                                 | 0.04  | 3.87%                                  | 0.00  | -0.28%                                 |
| ECO87_170         | 1                                 | 617782 | 307957 | 0.14   | 2.34   | 2.48  | 0.14   | 2.34   | 2.47  | 0.10  | 10.38%                                 | 0.04  | 3.69%                                  | 0.00  | -0.27%                                 |
| ECO87_180         | 1                                 | 617774 | 307964 | 0.13   | 2.34   | 2.47  | 0.13   | 2.34   | 2.47  | 0.10  | 10.15%                                 | 0.04  | 3.55%                                  | 0.00  | -0.25%                                 |
| ECO87_190         | 1                                 | 617767 | 307970 | 0.13   | 2.34   | 2.47  | 0.13   | 2.34   | 2.46  | 0.10  | 9.95%                                  | 0.03  | 3.41%                                  | 0.00  | -0.24%                                 |
| ECO87_200         | 1                                 | 617759 | 307977 | 0.13   | 2.34   | 2.46  | 0.12   | 2.34   | 2.46  | 0.10  | 9.77%                                  | 0.03  | 3.29%                                  | 0.00  | -0.23%                                 |
| ECO86_16          | 1                                 | 614361 | 315538 | 0.47   | 3.16   | 3.63  | 1.69   | 3.16   | 4.85  | 1.45  | 145.21%                                | 1.32  | 131.88%                                | 1.22  | 122.05%                                |
| ECO86_20          | 1                                 | 614359 | 315535 | 0.38   | 3.16   | 3.54  | 1.38   | 3.16   | 4.54  | 1.20  | 119.77%                                | 1.08  | 107.85%                                | 1.00  | 99.86%                                 |
| ECO86_22          | 1                                 | 614358 | 315532 | 0.33   | 3.16   | 3.50  | 1.20   | 3.16   | 4.36  | 1.05  | 105.11%                                | 0.94  | 93.93%                                 | 0.87  | 86.93%                                 |
| ECO81_12          | 1                                 | 610987 | 311701 | 1.91   | 2.44   | 4.34  | 2.04   | 2.44   | 4.48  | 2.02  | 201.57%                                | 1.95  | 195.08%                                | 0.14  | 13.73%                                 |
| ECO81_20          | 1                                 | 610995 | 311702 | 1.26   | 2.44   | 3.70  | 1.35   | 2.44   | 3.79  | 1.33  | 132.83%                                | 1.26  | 126.40%                                | 0.09  | 9.46%                                  |
| ECO81_30          | 1                                 | 611005 | 311703 | 0.88   | 2.44   | 3.32  | 0.95   | 2.44   | 3.39  | 0.93  | 92.88%                                 | 0.87  | 86.50%                                 | 0.07  | 6.89%                                  |
| ECO81_40          | 1                                 | 611015 | 311704 | 0.68   | 2.44   | 3.11  | 0.73   | 2.44   | 3.17  | 0.71  | 71.18%                                 | 0.65  | 64.85%                                 | 0.05  | 5.45%                                  |
| ECO81_50          | 1                                 | 611025 | 311704 | 0.55   | 2.44   | 2.98  | 0.59   | 2.44   | 3.03  | 0.57  | 57.42%                                 | 0.51  | 51.15%                                 | 0.05  | 4.51%                                  |
| ECO81_60          | 1                                 | 611035 | 311705 | 0.46   | 2.44   | 2.89  | 0.49   | 2.44   | 2.93  | 0.48  | 48.05%                                 | 0.42  | 41.82%                                 | 0.04  | 3.86%                                  |
| ECO81_70          | 1                                 | 611045 | 311706 | 0.39   | 2.44   | 2.83  | 0.42   | 2.44   | 2.86  | 0.41  | 41.29%                                 | 0.35  | 35.09%                                 | 0.03  | 3.38%                                  |
| ECO81_80          | 1                                 | 611055 | 311706 | 0.34   | 2.44   | 2.78  | 0.37   | 2.44   | 2.81  | 0.36  | 36.18%                                 | 0.30  | 30.02%                                 | 0.03  | 3.01%                                  |
| ECO81_90          | 1                                 | 611065 | 311707 | 0.30   | 2.44   | 2.74  | 0.33   | 2.44   | 2.77  | 0.32  | 32.23%                                 | 0.26  | 26.11%                                 | 0.03  | 2.71%                                  |
| ECO81_100         | 1                                 | 611075 | 311708 | 0.27   | 2.44   | 2.71  | 0.30   | 2.44   | 2.74  | 0.29  | 29.07%                                 | 0.23  | 22.99%                                 | 0.02  | 2.47%                                  |
| ECO81_110         | 1                                 | 611085 | 311709 | 0.25   | 2.44   | 2.69  | 0.27   | 2.44   | 2.71  | 0.27  | 26.51%                                 | 0.20  | 20.46%                                 | 0.02  | 2.27%                                  |
| ECO81_120         | 1                                 | 611095 | 311709 | 0.23   | 2.44   | 2.67  | 0.25   | 2.44   | 2.69  | 0.24  | 24.38%                                 | 0.18  | 18.36%                                 | 0.02  | 2.10%                                  |
| ECO81_130         | 1                                 | 611105 | 311710 | 0.21   | 2.44   | 2.65  | 0.23   | 2.44   | 2.67  | 0.23  | 22.59%                                 | 0.17  | 16.60%                                 | 0.02  | 1.96%                                  |
| ECO81_140         | 1                                 | 611115 | 311711 | 0.19   | 2.44   | 2.63  | 0.21   | 2.44   | 2.65  | 0.21  | 21.08%                                 | 0.15  | 15.12%                                 | 0.02  | 1.83%                                  |
| ECO81_150         | 1                                 | 611125 | 311712 | 0.18   | 2.44   | 2.62  | 0.20   | 2.44   | 2.64  | 0.20  | 19.77%                                 | 0.14  | 13.84%                                 | 0.02  | 1.72%                                  |
| ECO81_160         | 1                                 | 611135 | 311712 | 0.17   | 2.44   | 2.61  | 0.19   | 2.44   | 2.62  | 0.19  | 18.65%                                 | 0.13  | 12.74%                                 | 0.02  | 1.63%                                  |

| Receptor ID point | CLvl ( $\mu\text{g}/\text{m}^3$ ) | x      | y      | 3. DM 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 3. DM 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Road NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Background NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4. DS 2044 Total NH3 ( $\mu\text{g}/\text{m}^3$ ) | 4.-1. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-1.)/CLvl % Change Relative to CLvl | 4.-2. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-2.)/CLvl % Change Relative to CLvl | 4.-3. Change NH3 ( $\mu\text{g}/\text{m}^3$ ) | (4.-3.)/CLvl % Change Relative to CLvl |
|-------------------|-----------------------------------|--------|--------|--|--|---|--|--|---|---|--|---|--|---|--|
| ECO81_170         | 1                                 | 611145 | 311713 | 0.16   | 2.44   | 2.60  | 0.17   | 2.44   | 2.61  | 0.18  | 17.67%                                 | 0.12  | 11.78%                                 | 0.02  | 1.54%                                  |
| ECO81_180         | 1                                 | 611154 | 311714 | 0.15   | 2.44   | 2.59  | 0.16   | 2.44   | 2.60  | 0.17  | 16.80%                                 | 0.11  | 10.94%                                 | 0.01  | 1.46%                                  |
| ECO81_190         | 1                                 | 611164 | 311715 | 0.14   | 2.44   | 2.58  | 0.16   | 2.44   | 2.59  | 0.16  | 16.04%                                 | 0.10  | 10.19%                                 | 0.01  | 1.39%                                  |
| ECO81_200         | 1                                 | 611174 | 311715 | 0.13   | 2.44   | 2.57  | 0.15   | 2.44   | 2.59  | 0.15  | 15.36%                                 | 0.10  | 9.54%                                  | 0.01  | 1.33%                                  |
| ECO85_150         | 1                                 | 614477 | 315468 | 0.30   | 3.16   | 3.46  | 0.63   | 3.16   | 3.79  | 0.49  | 49.46%                                 | 0.39  | 38.77%                                 | 0.32  | 32.41%                                 |
| ECO82_10          | 1                                 | 610974 | 311716 | 2.21   | 2.44   | 4.65  | 2.37   | 2.44   | 4.81  | 2.34  | 234.32%                                | 2.28  | 227.83%                                | 0.16  | 15.73%                                 |