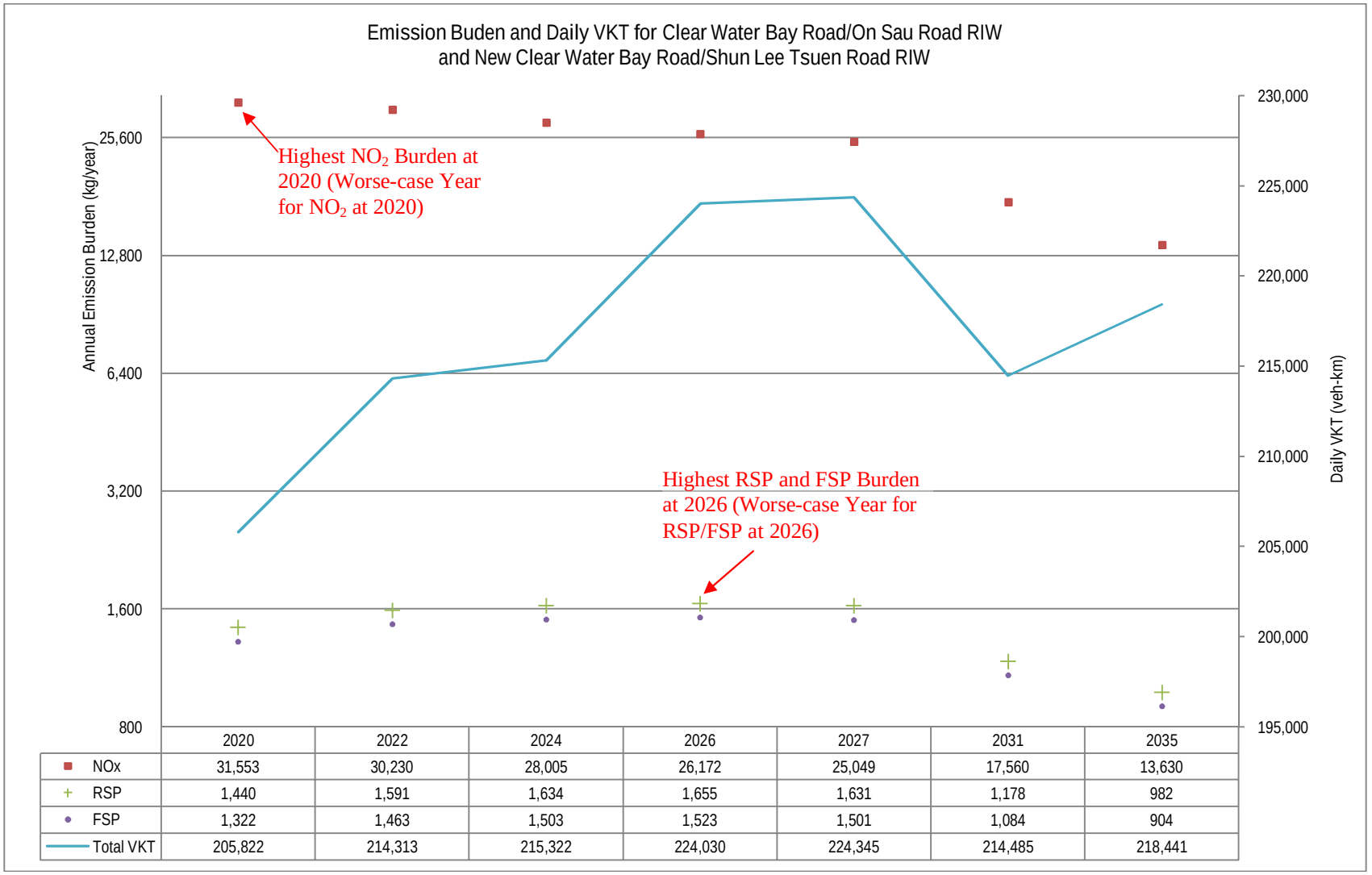
## Appendix 4.10 Annual Emission Burdens for NCWBR RIW and LTR RIW from EMFAC-HK

| Year | NCWBR RIW [1] | | | LTR RIW [1] | | |
|---|---|---|---|---|---|---|
| | Annual Emission (kg/year) [2] | | | Annual Emission (kg/year) [2] | | |
| | NOx | RSP | FSP | NOx | RSP | FSP |
| 2020 | **31,552** [3] | 1,440 | 1,322 | - | - | - |
| 2022 | 30,230 | 1,591 | 1,463 | **39,962** [4] | 1,799 | 1,654 |
| 2024 | 28,005 | 1,635 | 1,503 | 37,225 | 1,869 | 1,719 |
| 2026 | 26,172 | **1,655** [3] | **1,523** [3] | 35,426 | **1,922** [4] | **1,767** [4] |
| 2027 | 25,048 | 1,631 | 1,500 | 33,993 | 1,904 | 1,752 |
| 2031 | 17,560 | 1,178 | 1,085 | 23,945 | 1,397 | 1,286 |
| 2035 [5] | 13,630 | 982 | 904 | - | - | - |
| 2037 [5] | - | - | - | 17,341 | 1,124 | 1,034 |

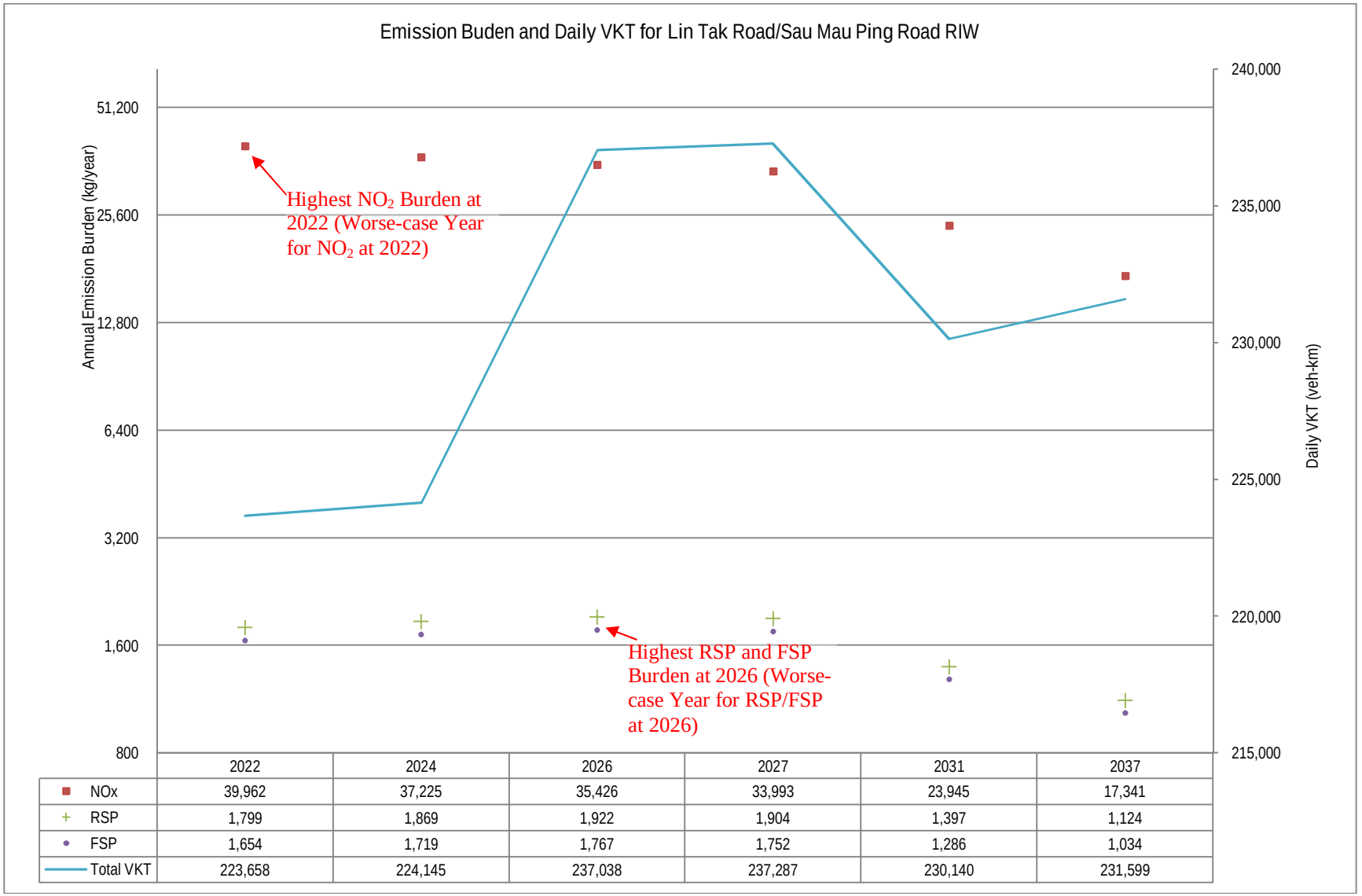
Notes:
[1] Commission year for NCWBR RIWs is 2020 and LTR RIW is 2022.
[2] Annual Emission = Daily Emission burden x 365 days (i.e. annualisation factor of 365)
[3] For NCWBR RIW, NOx burden highest in Year 2020, and RSP/FSP burden highest at 2026. Therefore, worst-case assessment years are selected as Year 2020 for NOx and Year 2026 for RSP/FSP.
[4] For LTR RIW, NOx burden highest in Year 2022, and RSP/FSP burden highest at 2026. Therefore, worst-case assessment years are selected as Year 2022 for NOx and Year 2026 for RSP/FSP.
[5] 15-year future scenario for NCWBR RIWs is 2035, and LTR RIW is 2037.

## Appendix 4.10 Annual Emission Burdens for NCWBR RIW and LTR RIW from EMFAC-HK




| | 2020 | 2022 | 2024 | 2026 | 2027 | 2031 | 2035 |
|---|---|---|---|---|---|---|---|
| NOx | 31,553 | 30,230 | 28,005 | 26,172 | 25,049 | 17,560 | 13,630 |
| RSP | 1,440 | 1,591 | 1,634 | 1,655 | 1,631 | 1,178 | 982 |
| FSP | 1,322 | 1,463 | 1,503 | 1,523 | 1,501 | 1,084 | 904 |
| Total VKT | 205,822 | 214,313 | 215,322 | 224,030 | 224,345 | 214,485 | 218,441 |

## Appendix 4.10 Annual Emission Burdens for NCWBR RIW and LTR RIW from EMFAC-HK




| | 2022 | 2024 | 2026 | 2027 | 2031 | 2037 |
|---|---|---|---|---|---|---|
| NOx | 39,962 | 37,225 | 35,426 | 33,993 | 23,945 | 17,341 |
| RSP | 1,799 | 1,869 | 1,922 | 1,904 | 1,397 | 1,124 |
| FSP | 1,654 | 1,719 | 1,767 | 1,752 | 1,286 | 1,034 |
| Total VKT | 223,658 | 224,145 | 237,038 | 237,287 | 230,140 | 231,599 |