

ระดับเสียงโดยทั่วไป





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางกักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวเสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุดากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุดากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658950 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

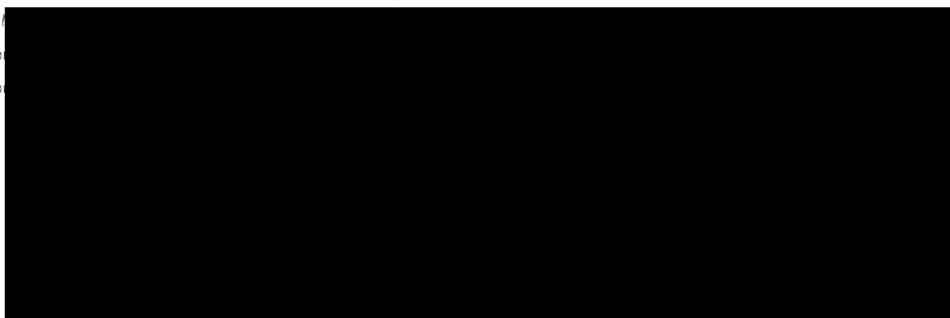
### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/3  
Sample Type : Sound Level  
Sampling Date : 01 - 02 July 2025  
Received Date : 03 July 2025  
Analytical Date : 03 - 07 July 2025  
Report Date : 08 July 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |              |             |             |
|-------------------------|----------------|--------------|-------------|-------------|
|                         | Leq            | Lmax         | L10         | L90         |
| 12.00 p.m. - 01.00 p.m. | 55.8           | 78.4         | 57.3        | 53.0        |
| 01.00 p.m. - 02.00 p.m. | 56.5           | 66.8         | 58.3        | 53.6        |
| 02.00 p.m. - 03.00 p.m. | 63.9           | 85.9         | 66.5        | 61.2        |
| 03.00 p.m. - 04.00 p.m. | 57.7           | 72.6         | 60.2        | 54.7        |
| 04.00 p.m. - 05.00 p.m. | 56.8           | 75.4         | 58.0        | 54.8        |
| 05.00 p.m. - 06.00 p.m. | 55.6           | 68.0         | 57.3        | 53.3        |
| 06.00 p.m. - 07.00 p.m. | 55.3           | 67.6         | 57.3        | 53.3        |
| 07.00 p.m. - 08.00 p.m. | 55.6           | 72.2         | 57.3        | 53.1        |
| 08.00 p.m. - 09.00 p.m. | 61.4           | 71.0         | 64.4        | 59.2        |
| 09.00 p.m. - 10.00 p.m. | 60.4           | 76.5         | 62.1        | 58.1        |
| 10.00 p.m. - 11.00 p.m. | 61.5           | 74.7         | 63.4        | 59.0        |
| 11.00 p.m. - 00.00 a.m. | 58.4           | 75.5         | 60.5        | 56.1        |
| 00.00 a.m. - 01.00 a.m. | 60.3           | 73.5         | 62.2        | 58.2        |
| 01.00 a.m. - 02.00 a.m. | 57.1           | 69.4         | 59.1        | 55.3        |
| 02.00 a.m. - 03.00 a.m. | 54.5           | 74.1         | 56.0        | 51.0        |
| 03.00 a.m. - 04.00 a.m. | 54.0           | 76.0         | 55.3        | 51.3        |
| 04.00 a.m. - 05.00 a.m. | 55.6           | 72.0         | 57.5        | 52.2        |
| 05.00 a.m. - 06.00 a.m. | 57.1           | 75.3         | 59.6        | 55.1        |
| 06.00 a.m. - 07.00 a.m. | 56.4           | 69.4         | 58.2        | 53.9        |
| 07.00 a.m. - 08.00 a.m. | 63.8           | 97.8         | 66.3        | 61.2        |
| 08.00 a.m. - 09.00 a.m. | 63.4           | 101.4        | 66.8        | 60.1        |
| 09.00 a.m. - 10.00 a.m. | 64.0           | 92.1         | 66.1        | 61.4        |
| 10.00 a.m. - 11.00 a.m. | 63.2           | 108.1        | 67.1        | 61.3        |
| 11.00 a.m. - 12.00 p.m. | 62.4           | 87.6         | 64.2        | 60.2        |
| <b>24 Hours Average</b> | <b>60.1</b>    | <b>-</b>     | <b>62.5</b> | <b>57.6</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>108.1</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b>  | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>64.9</b>    | <b>-</b>     | <b>-</b>    | <b>-</b>    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997),

Remark : SLM  
Calib  
Calib





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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658961 E 1516213 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 01 – 02 July 2025  
Received Date : 03 July 2025  
Analytical Date : 03 - 07 July 2025  
Report Date : 08 July 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/3   | 01-02/07/2025 | 64.0 <sup>1/</sup>                 | 56.6 <sup>2/</sup>                 | 53.1 <sup>2/</sup>                   | 10.0                             | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 02 July 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 06.00 p.m. - 06.05 p.m., 01 July 2025



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### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658941 E 1516198 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/6  
Sample Type : Sound Level  
Sampling Date : 09 - 10 July 2025  
Received Date : 11 July 2025  
Analytical Date : 11 - 15 July 2025  
Report Date : 16 July 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 12.00 p.m. - 01.00 p.m. | 59.7           | 86.1 | 63.4 | 57.8 |
| 01.00 p.m. - 02.00 p.m. | 64.8           | 90.3 | 67.9 | 63.3 |
| 02.00 p.m. - 03.00 p.m. | 64.1           | 89.0 | 66.8 | 61.4 |
| 03.00 p.m. - 04.00 p.m. | 65.3           | 90.6 | 67.6 | 63.2 |
| 04.00 p.m. - 05.00 p.m. | 62.7           | 95.1 | 65.7 | 59.4 |
| 05.00 p.m. - 06.00 p.m. | 65.2           | 90.5 | 67.5 | 63.3 |
| 06.00 p.m. - 07.00 p.m. | 60.7           | 86.0 | 64.1 | 58.6 |
| 07.00 p.m. - 08.00 p.m. | 61.3           | 93.2 | 63.6 | 59.8 |
| 08.00 p.m. - 09.00 p.m. | 61.5           | 86.8 | 62.5 | 59.4 |
| 09.00 p.m. - 10.00 p.m. | 60.7           | 87.3 | 63.0 | 58.7 |
| 10.00 p.m. - 11.00 p.m. | 59.5           | 84.8 | 60.7 | 57.4 |
| 11.00 p.m. - 00.00 a.m. | 59.4           | 85.1 | 62.2 | 58.1 |
| 00.00 a.m. - 01.00 a.m. | 59.1           | 84.4 | 62.8 | 58.0 |
| 01.00 a.m. - 02.00 a.m. | 58.9           | 86.3 | 61.2 | 56.8 |
| 02.00 a.m. - 03.00 a.m. | 58.0           | 83.3 | 62.0 | 56.5 |
| 03.00 a.m. - 04.00 a.m. | 59.4           | 85.5 | 61.7 | 57.3 |
| 04.00 a.m. - 05.00 a.m. | 59.5           | 84.8 | 61.7 | 56.1 |
| 05.00 a.m. - 06.00 a.m. | 61.2           | 86.1 | 63.5 | 59.1 |
| 06.00 a.m. - 07.00 a.m. | 62.7           | 88.3 | 64.3 | 61.7 |
| 07.00 a.m. - 08.00 a.m. | 62.3           | 88.6 | 65.3 | 60.0 |
| 08.00 a.m. - 09.00 a.m. | 65.1           | 90.3 | 67.2 | 63.1 |
| 09.00 a.m. - 10.00 a.m. | 65.7           | 93.4 | 68.0 | 64.7 |
| 10.00 a.m. - 11.00 a.m. | 62.8           | 88.5 | 65.5 | 60.1 |
| 11.00 a.m. - 12.00 p.m. | 63.1           | 88.4 | 65.4 | 61.0 |
| 24 Hours Average        | 62.4           | -    | 64.9 | 60.5 |
| Lmax                    | -              | 95.1 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 67.1           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 270, dated April 3, B.E. 2540 (1997)

Remark : SLM Model  
Calibrator  
Calibrator





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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกั้นเสียง  
GPS. Coordinate : 47P 658941 E 1516198 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 09 – 10 July 2025  
Received Date : 11 July 2025  
Analytical Date : 11 - 15 July 2025  
Report Date : 16 July 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/6   | 09-10/07/2025 | 65.7 <sup>1/</sup>                 | 59.2 <sup>2/</sup>                 | 57.8 <sup>2/</sup>                   | 6.8                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 10 July 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.50 p.m. - 12.55 p.m., 09 July 2025



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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658928 E 1516193 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

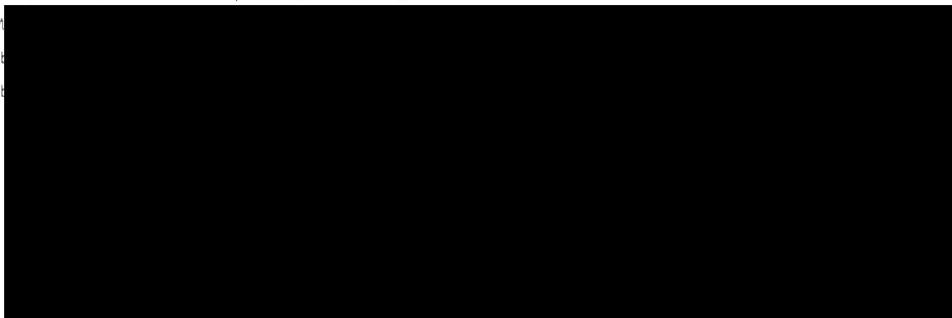
### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/9  
Sample Type : Sound Level  
Sampling Date : 14 - 15 July 2025  
Received Date : 16 July 2025  
Analytical Date : 16 - 18 July 2025  
Report Date : 21 July 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |             |             |             |
|-------------------------|----------------|-------------|-------------|-------------|
|                         | Leq            | Lmax        | L10         | L90         |
| 02.00 p.m. - 03.00 p.m. | 67.4           | 87.0        | 69.1        | 65.3        |
| 03.00 p.m. - 04.00 p.m. | 66.3           | 85.9        | 68.2        | 64.7        |
| 04.00 p.m. - 05.00 p.m. | 67.2           | 84.0        | 69.5        | 65.1        |
| 05.00 p.m. - 06.00 p.m. | 65.3           | 90.1        | 67.1        | 64.2        |
| 06.00 p.m. - 07.00 p.m. | 64.2           | 95.0        | 67.5        | 62.2        |
| 07.00 p.m. - 08.00 p.m. | 62.0           | 92.0        | 64.4        | 60.1        |
| 08.00 p.m. - 09.00 p.m. | 62.4           | 91.4        | 64.1        | 60.7        |
| 09.00 p.m. - 10.00 p.m. | 62.4           | 94.5        | 64.8        | 60.3        |
| 10.00 p.m. - 11.00 p.m. | 62.1           | 90.1        | 64.3        | 60.5        |
| 11.00 p.m. - 00.00 a.m. | 62.0           | 90.5        | 64.8        | 59.1        |
| 00.00 a.m. - 01.00 a.m. | 61.9           | 83.5        | 63.3        | 59.4        |
| 01.00 a.m. - 02.00 a.m. | 61.6           | 92.9        | 63.7        | 59.0        |
| 02.00 a.m. - 03.00 a.m. | 61.6           | 80.5        | 63.5        | 58.2        |
| 03.00 a.m. - 04.00 a.m. | 62.6           | 81.6        | 64.1        | 59.1        |
| 04.00 a.m. - 05.00 a.m. | 63.4           | 92.1        | 65.3        | 61.1        |
| 05.00 a.m. - 06.00 a.m. | 63.8           | 93.4        | 66.8        | 60.5        |
| 06.00 a.m. - 07.00 a.m. | 64.5           | 80.9        | 67.4        | 62.4        |
| 07.00 a.m. - 08.00 a.m. | 67.5           | 93.8        | 69.9        | 65.2        |
| 08.00 a.m. - 09.00 a.m. | 68.0           | 86.0        | 71.3        | 65.9        |
| 09.00 a.m. - 10.00 a.m. | 70.2           | 91.6        | 72.2        | 66.2        |
| 10.00 a.m. - 11.00 a.m. | 68.2           | 87.8        | 69.5        | 65.1        |
| 11.00 a.m. - 12.00 p.m. | 66.3           | 84.8        | 68.4        | 64.3        |
| 12.00 p.m. - 01.00 p.m. | 63.7           | 98.9        | 65.3        | 61.7        |
| 01.00 p.m. - 02.00 p.m. | 67.8           | 86.7        | 69.2        | 65.8        |
| <b>24 Hours Average</b> | <b>65.5</b>    | <b>-</b>    | <b>67.6</b> | <b>63.1</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>98.9</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b> | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>69.9</b>    | <b>-</b>    | <b>-</b>    | <b>-</b>    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM  
Calit  
Calit





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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658928 E 1516193 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 14 – 15 July 2025  
Received Date : 16 July 2025  
Analytical Date : 16 – 18 July 2025  
Report Date : 21 July 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/9   | 14-15/07/2025 | 70.2 <sup>1/</sup>                 | 63.5 <sup>2/</sup>                 | 61.4 <sup>2/</sup>                   | 7.8                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 15 July 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.15 p.m. - 12.20 p.m., 15 July 2025



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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658940 E 1516194 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/12  
Sample Type : Sound Level  
Sampling Date : 23 - 24 July 2025  
Received Date : 25 July 2025  
Analytical Date : 25 - 29 July 2025  
Report Date : 30 July 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 03.00 p.m. - 04.00 p.m. | 68.0           | 97.3 | 70.5 | 66.3 |
| 04.00 p.m. - 05.00 p.m. | 67.1           | 86.1 | 69.3 | 65.7 |
| 05.00 p.m. - 06.00 p.m. | 65.1           | 90.4 | 67.1 | 63.1 |
| 06.00 p.m. - 07.00 p.m. | 64.8           | 91.5 | 66.0 | 62.5 |
| 07.00 p.m. - 08.00 p.m. | 59.5           | 83.4 | 61.2 | 57.2 |
| 08.00 p.m. - 09.00 p.m. | 53.4           | 75.9 | 56.3 | 51.2 |
| 09.00 p.m. - 10.00 p.m. | 47.6           | 63.5 | 49.1 | 45.6 |
| 10.00 p.m. - 11.00 p.m. | 47.9           | 63.3 | 49.3 | 45.4 |
| 11.00 p.m. - 00.00 a.m. | 47.2           | 60.7 | 48.3 | 45.1 |
| 00.00 a.m. - 01.00 a.m. | 47.1           | 64.9 | 48.5 | 44.7 |
| 01.00 a.m. - 02.00 a.m. | 47.7           | 66.2 | 49.0 | 45.4 |
| 02.00 a.m. - 03.00 a.m. | 46.7           | 61.2 | 47.7 | 44.9 |
| 03.00 a.m. - 04.00 a.m. | 46.6           | 69.5 | 48.5 | 45.1 |
| 04.00 a.m. - 05.00 a.m. | 51.9           | 73.1 | 53.6 | 48.2 |
| 05.00 a.m. - 06.00 a.m. | 53.1           | 78.4 | 56.4 | 51.6 |
| 06.00 a.m. - 07.00 a.m. | 56.8           | 73.6 | 58.2 | 54.2 |
| 07.00 a.m. - 08.00 a.m. | 65.3           | 81.2 | 67.2 | 63.3 |
| 08.00 a.m. - 09.00 a.m. | 64.5           | 86.2 | 66.3 | 62.4 |
| 09.00 a.m. - 10.00 a.m. | 70.6           | 90.7 | 72.1 | 69.2 |
| 10.00 a.m. - 11.00 a.m. | 66.1           | 85.1 | 69.5 | 64.1 |
| 11.00 a.m. - 12.00 p.m. | 65.9           | 86.3 | 68.2 | 63.5 |
| 12.00 p.m. - 01.00 p.m. | 63.2           | 83.7 | 66.1 | 61.8 |
| 01.00 p.m. - 02.00 p.m. | 67.5           | 81.2 | 69.3 | 65.3 |
| 02.00 p.m. - 03.00 p.m. | 69.2           | 89.5 | 72.1 | 67.2 |
| 24 Hours Average        | 64.1           | -    | 66.3 | 62.3 |
| Lmax                    | -              | 97.3 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 64.8           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340912

Calib

Calib





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658940 E 1516194 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 23 – 24 July 2025  
Received Date : 25 July 2025  
Analytical Date : 25 – 29 July 2025  
Report Date : 30 July 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/12  | 23-24/07/2025 | 70.6 <sup>1/</sup>                 | 63.1 <sup>2/</sup>                 | 61.2 <sup>2/</sup>                   | 8.5                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 24 July 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.00 p.m. - 12.05 p.m., 24 July 2025



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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658936 E 1516204 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

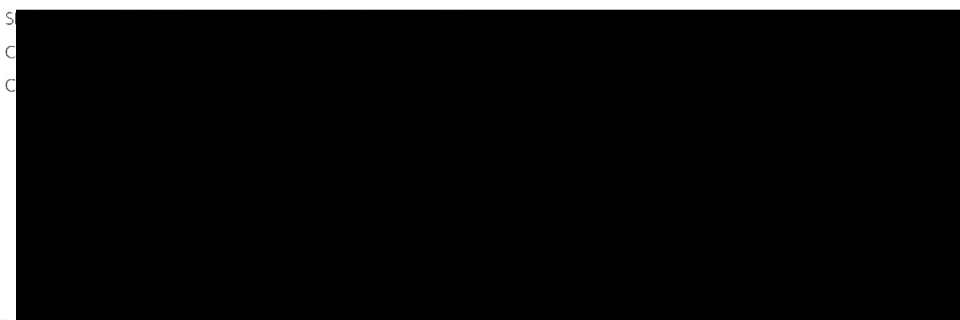
### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/15  
Sample Type : Sound Level  
Sampling Date : 28 - 29 July 2025  
Received Date : 30 July 2025  
Analytical Date : 30 July - 01 August 2025  
Report Date : 04 August 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |             |             |             |
|-------------------------|----------------|-------------|-------------|-------------|
|                         | Leq            | Lmax        | L10         | L90         |
| 12.00 p.m. - 01.00 p.m. | 62.4           | 83.2        | 65.2        | 60.5        |
| 01.00 p.m. - 02.00 p.m. | 68.1           | 84.2        | 70.2        | 66.3        |
| 02.00 p.m. - 03.00 p.m. | 69.2           | 83.4        | 71.3        | 67.5        |
| 03.00 p.m. - 04.00 p.m. | 66.3           | 85.7        | 69.2        | 64.1        |
| 04.00 p.m. - 05.00 p.m. | 67.5           | 81.2        | 68.5        | 65.0        |
| 05.00 p.m. - 06.00 p.m. | 65.2           | 86.4        | 67.1        | 63.5        |
| 06.00 p.m. - 07.00 p.m. | 64.0           | 87.9        | 66.8        | 62.8        |
| 07.00 p.m. - 08.00 p.m. | 57.9           | 75.9        | 60.0        | 55.1        |
| 08.00 p.m. - 09.00 p.m. | 58.8           | 79.7        | 60.9        | 56.3        |
| 09.00 p.m. - 10.00 p.m. | 60.0           | 80.8        | 62.1        | 58.0        |
| 10.00 p.m. - 11.00 p.m. | 58.8           | 79.3        | 61.4        | 56.8        |
| 11.00 p.m. - 00.00 a.m. | 57.2           | 76.5        | 59.8        | 55.1        |
| 00.00 a.m. - 01.00 a.m. | 54.0           | 72.6        | 57.3        | 52.3        |
| 01.00 a.m. - 02.00 a.m. | 52.2           | 72.5        | 55.0        | 50.7        |
| 02.00 a.m. - 03.00 a.m. | 54.6           | 79.6        | 56.9        | 52.6        |
| 03.00 a.m. - 04.00 a.m. | 53.9           | 78.4        | 56.1        | 51.2        |
| 04.00 a.m. - 05.00 a.m. | 51.3           | 73.7        | 54.2        | 49.5        |
| 05.00 a.m. - 06.00 a.m. | 53.8           | 71.7        | 56.5        | 52.1        |
| 06.00 a.m. - 07.00 a.m. | 54.9           | 77.8        | 57.1        | 52.3        |
| 07.00 a.m. - 08.00 a.m. | 66.5           | 80.3        | 68.2        | 64.1        |
| 08.00 a.m. - 09.00 a.m. | 69.3           | 88.2        | 71.2        | 67.5        |
| 09.00 a.m. - 10.00 a.m. | 68.0           | 81.7        | 70.5        | 66.3        |
| 10.00 a.m. - 11.00 a.m. | 65.9           | 80.0        | 69.2        | 62.4        |
| 11.00 a.m. - 12.00 p.m. | 64.7           | 89.1        | 67.1        | 62.8        |
| <b>24 Hours Average</b> | <b>64.2</b>    | <b>-</b>    | <b>66.5</b> | <b>62.2</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>89.1</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b> | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>65.7</b>    | <b>-</b>    | <b>-</b>    | <b>-</b>    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : S





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658936 E 1516204 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 28 – 29 July 2025  
Received Date : 30 July 2025  
Analytical Date : 30 July – 01 August 2025  
Report Date : 04 August 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/15  | 28-29/07/2025 | 69.3 <sup>1/</sup>                 | 62.4 <sup>2/</sup>                 | 60.8 <sup>2/</sup>                   | 7.5                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 08.00 a.m. - 09.00 a.m., 29 July 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.40 p.m. - 12.45 p.m., 28 July 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658923 E 1516197 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/3  
Sample Type : Sound Level  
Sampling Date : 07 - 08 August 2025  
Received Date : 11 August 2025  
Analytical Date : 11 - 13 August 2025  
Report Date : 14 August 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |       |      |      |
|-------------------------|----------------|-------|------|------|
|                         | Leq            | Lmax  | L10  | L90  |
| 01.00 p.m. - 02.00 p.m. | 71.4           | 92.9  | 73.0 | 68.5 |
| 02.00 p.m. - 03.00 p.m. | 71.0           | 100.3 | 74.4 | 70.0 |
| 03.00 p.m. - 04.00 p.m. | 66.3           | 90.2  | 68.6 | 64.3 |
| 04.00 p.m. - 05.00 p.m. | 66.7           | 82.8  | 69.0 | 64.1 |
| 05.00 p.m. - 06.00 p.m. | 63.0           | 86.9  | 66.6 | 61.5 |
| 06.00 p.m. - 07.00 p.m. | 62.8           | 76.8  | 64.5 | 60.7 |
| 07.00 p.m. - 08.00 p.m. | 59.4           | 74.8  | 60.4 | 57.6 |
| 08.00 p.m. - 09.00 p.m. | 58.6           | 72.1  | 60.2 | 55.6 |
| 09.00 p.m. - 10.00 p.m. | 57.1           | 71.3  | 58.4 | 55.2 |
| 10.00 p.m. - 11.00 p.m. | 57.8           | 76.5  | 58.8 | 54.8 |
| 11.00 p.m. - 00.00 a.m. | 56.7           | 70.9  | 58.4 | 54.2 |
| 00.00 a.m. - 01.00 a.m. | 55.9           | 74.8  | 58.5 | 53.6 |
| 01.00 a.m. - 02.00 a.m. | 55.7           | 73.0  | 57.1 | 53.8 |
| 02.00 a.m. - 03.00 a.m. | 58.3           | 80.4  | 60.4 | 55.3 |
| 03.00 a.m. - 04.00 a.m. | 59.4           | 83.0  | 61.3 | 56.7 |
| 04.00 a.m. - 05.00 a.m. | 60.1           | 83.6  | 62.2 | 58.2 |
| 05.00 a.m. - 06.00 a.m. | 62.3           | 81.4  | 64.7 | 60.1 |
| 06.00 a.m. - 07.00 a.m. | 65.4           | 85.5  | 68.3 | 63.3 |
| 07.00 a.m. - 08.00 a.m. | 67.1           | 95.3  | 69.3 | 64.5 |
| 08.00 a.m. - 09.00 a.m. | 68.5           | 91.4  | 70.1 | 66.3 |
| 09.00 a.m. - 10.00 a.m. | 70.2           | 92.5  | 72.6 | 67.2 |
| 10.00 a.m. - 11.00 a.m. | 71.3           | 90.1  | 73.4 | 67.5 |
| 11.00 a.m. - 12.00 p.m. | 68.5           | 94.7  | 70.5 | 66.9 |
| 12.00 p.m. - 01.00 p.m. | 69.2           | 83.2  | 71.1 | 65.5 |
| 24 Hours Average        | 66.3           | -     | 68.6 | 63.9 |
| Lmax                    | -              | 100.3 | -    | -    |
| Standard                | ≤70            | ≤115  | -    | -    |
| Ldn                     | 69.0           | -     | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340912  
Calibrator Model and Serial No. : KSM-02C and S/N 160100568  
Calib





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกั้นเสียง  
GPS. Coordinate : 47P 658923 E 1516197 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 07 – 08 August 2025  
Received Date : 11 August 2025  
Analytical Date : 11 – 13 August 2025  
Report Date : 14 August 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/3   | 07-08/08/2025 | 71.4 <sup>1/</sup>                 | 63.9 <sup>2/</sup>                 | 60.5 <sup>2/</sup>                   | 10.0                             | 10.0     |

**Standard** : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

**Remark** : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 01.00 p.m. - 02.00 p.m., 07 August 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 06.25 p.m. - 06.30 p.m., 07 August 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658923 E 1516197 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/6  
Sample Type : Sound Level  
Sampling Date : 14 - 15 August 2025  
Received Date : 18 August 2025  
Analytical Date : 18 - 20 August 2025  
Report Date : 21 August 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |       |      |      |
|-------------------------|----------------|-------|------|------|
|                         | Leq            | Lmax  | L10  | L90  |
| 12.00 p.m. - 01.00 p.m. | 69.0           | 96.4  | 71.5 | 65.3 |
| 01.00 p.m. - 02.00 p.m. | 70.2           | 99.2  | 72.4 | 68.0 |
| 02.00 p.m. - 03.00 p.m. | 70.5           | 97.9  | 73.1 | 68.2 |
| 03.00 p.m. - 04.00 p.m. | 71.0           | 98.4  | 73.2 | 68.8 |
| 04.00 p.m. - 05.00 p.m. | 69.5           | 96.5  | 71.1 | 67.5 |
| 05.00 p.m. - 06.00 p.m. | 68.2           | 95.6  | 70.4 | 66.0 |
| 06.00 p.m. - 07.00 p.m. | 65.3           | 92.7  | 68.0 | 63.3 |
| 07.00 p.m. - 08.00 p.m. | 60.4           | 88.2  | 63.3 | 58.2 |
| 08.00 p.m. - 09.00 p.m. | 59.5           | 86.9  | 61.7 | 58.1 |
| 09.00 p.m. - 10.00 p.m. | 58.1           | 85.5  | 61.3 | 55.9 |
| 10.00 p.m. - 11.00 p.m. | 58.2           | 84.2  | 62.0 | 56.0 |
| 11.00 p.m. - 00.00 a.m. | 58.0           | 85.4  | 60.2 | 56.8 |
| 00.00 a.m. - 01.00 a.m. | 59.4           | 86.8  | 61.6 | 57.2 |
| 01.00 a.m. - 02.00 a.m. | 59.0           | 87.3  | 61.5 | 55.3 |
| 02.00 a.m. - 03.00 a.m. | 59.1           | 86.5  | 61.3 | 56.9 |
| 03.00 a.m. - 04.00 a.m. | 60.3           | 88.2  | 63.4 | 58.2 |
| 04.00 a.m. - 05.00 a.m. | 60.5           | 87.9  | 62.5 | 58.9 |
| 05.00 a.m. - 06.00 a.m. | 61.3           | 89.4  | 63.5 | 59.1 |
| 06.00 a.m. - 07.00 a.m. | 62.7           | 91.1  | 64.1 | 61.4 |
| 07.00 a.m. - 08.00 a.m. | 67.5           | 84.1  | 69.0 | 65.6 |
| 08.00 a.m. - 09.00 a.m. | 68.2           | 95.6  | 70.1 | 66.5 |
| 09.00 a.m. - 10.00 a.m. | 72.2           | 102.3 | 73.8 | 69.4 |
| 10.00 a.m. - 11.00 a.m. | 71.0           | 98.5  | 73.5 | 68.3 |
| 11.00 a.m. - 12.00 p.m. | 70.1           | 97.5  | 72.3 | 67.9 |
| 24 Hours Average        | 67.2           | -     | 69.3 | 64.8 |
| Lmax                    | -              | 102.3 | -    | -    |
| Standard                | ≤70            | ≤115  | -    | -    |
| Ldn                     | 69.4           | -     | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997),

Remark : SLM Model and Serial No. ; ST-25D and 10340912

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TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658923 E 1516197 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 14 – 15 August 2025  
Received Date : 18 August 2025  
Analytical Date : 18 – 20 August 2025  
Report Date : 21 August 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/6   | 14-15/08/2025 | 72.2 <sup>1/</sup>                 | 65.0 <sup>2/</sup>                 | 63.1 <sup>2/</sup>                   | 8.2                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. – 10.00 a.m., 15 August 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 06.10 p.m. – 06.15 p.m., 14 August 2025



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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658927 E 1516221 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/9  
Sample Type : Sound Level  
Sampling Date : 20 - 21 August 2025  
Received Date : 22 August 2025  
Analytical Date : 22 - 26 August 2025  
Report Date : 27 August 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 10.00 a.m. - 11.00 a.m. | 70.1           | 92.8 | 72.3 | 68.0 |
| 11.00 a.m. - 12.00 p.m. | 69.1           | 91.8 | 71.8 | 66.1 |
| 12.00 p.m. - 01.00 p.m. | 64.8           | 85.1 | 67.5 | 62.7 |
| 01.00 p.m. - 02.00 p.m. | 67.9           | 90.6 | 70.1 | 65.2 |
| 02.00 p.m. - 03.00 p.m. | 69.8           | 93.6 | 71.2 | 66.6 |
| 03.00 p.m. - 04.00 p.m. | 70.2           | 92.9 | 72.4 | 68.5 |
| 04.00 p.m. - 05.00 p.m. | 70.3           | 94.1 | 73.6 | 68.1 |
| 05.00 p.m. - 06.00 p.m. | 69.8           | 92.5 | 72.0 | 67.2 |
| 06.00 p.m. - 07.00 p.m. | 66.2           | 90.1 | 69.1 | 64.1 |
| 07.00 p.m. - 08.00 p.m. | 65.3           | 88.0 | 67.5 | 63.0 |
| 08.00 p.m. - 09.00 p.m. | 60.4           | 83.1 | 63.8 | 59.2 |
| 09.00 p.m. - 10.00 p.m. | 60.8           | 86.3 | 63.5 | 57.2 |
| 10.00 p.m. - 11.00 p.m. | 60.1           | 82.8 | 62.4 | 58.2 |
| 11.00 p.m. - 00.00 a.m. | 59.3           | 70.6 | 61.5 | 57.1 |
| 00.00 a.m. - 01.00 a.m. | 59.0           | 70.1 | 61.0 | 56.1 |
| 01.00 a.m. - 02.00 a.m. | 59.1           | 75.5 | 61.3 | 56.9 |
| 02.00 a.m. - 03.00 a.m. | 59.5           | 72.9 | 62.3 | 56.2 |
| 03.00 a.m. - 04.00 a.m. | 60.4           | 80.1 | 62.6 | 58.2 |
| 04.00 a.m. - 05.00 a.m. | 60.2           | 82.9 | 63.7 | 56.4 |
| 05.00 a.m. - 06.00 a.m. | 60.0           | 82.5 | 62.2 | 58.4 |
| 06.00 a.m. - 07.00 a.m. | 62.3           | 86.4 | 65.0 | 60.1 |
| 07.00 a.m. - 08.00 a.m. | 65.3           | 89.1 | 67.0 | 62.3 |
| 08.00 a.m. - 09.00 a.m. | 66.7           | 89.4 | 68.5 | 64.5 |
| 09.00 a.m. - 10.00 a.m. | 71.1           | 99.4 | 72.2 | 68.2 |
| 24 Hours Average        | 66.5           | -    | 68.8 | 64.1 |
| Lmax                    | -              | 99.4 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 69.0           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340912

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TNP ENVIRONMENT CO.,LTD.

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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658927 E 1516221 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 20 - 21 August 2025  
Received Date : 22 August 2025  
Analytical Date : 22 - 26 August 2025  
Report Date : 27 August 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/9   | 20-21/08/2025 | 71.1 <sup>1/</sup>                 | 64.2 <sup>2/</sup>                 | 62.7 <sup>2/</sup>                   | 7.4                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 21 August 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.55 p.m. - 01.00 p.m., 20 August 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658927 E 1516221 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

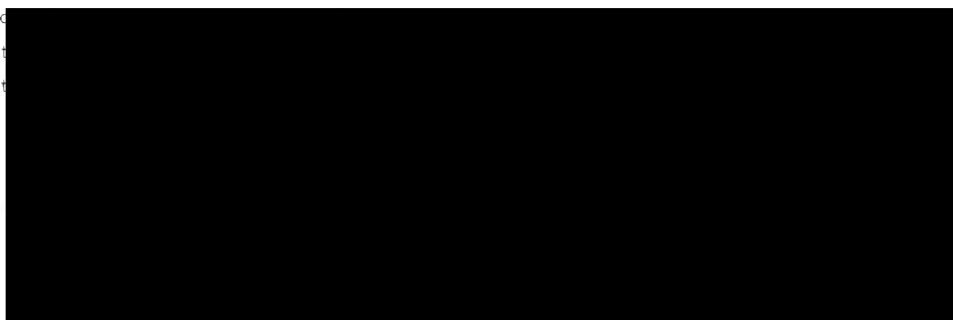
### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/12  
Sample Type : Sound Level  
Sampling Date : 25 - 26 August 2025  
Received Date : 27 August 2025  
Analytical Date : 27 - 29 August 2025  
Report Date : 01 September 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 02.00 p.m. - 03.00 p.m. | 68.1           | 94.7 | 71.1 | 66.2 |
| 03.00 p.m. - 04.00 p.m. | 69.5           | 95.8 | 72.1 | 67.3 |
| 04.00 p.m. - 05.00 p.m. | 69.0           | 95.3 | 71.2 | 65.4 |
| 05.00 p.m. - 06.00 p.m. | 69.4           | 96.1 | 71.5 | 67.5 |
| 06.00 p.m. - 07.00 p.m. | 66.3           | 92.6 | 69.1 | 64.2 |
| 07.00 p.m. - 08.00 p.m. | 64.1           | 91.4 | 66.9 | 61.9 |
| 08.00 p.m. - 09.00 p.m. | 60.3           | 86.6 | 62.5 | 57.5 |
| 09.00 p.m. - 10.00 p.m. | 60.5           | 90.0 | 63.5 | 58.3 |
| 10.00 p.m. - 11.00 p.m. | 59.5           | 85.8 | 61.7 | 57.1 |
| 11.00 p.m. - 00.00 a.m. | 59.0           | 86.3 | 62.3 | 56.8 |
| 00.00 a.m. - 01.00 a.m. | 59.7           | 86.0 | 61.9 | 57.0 |
| 01.00 a.m. - 02.00 a.m. | 59.9           | 87.5 | 62.4 | 57.7 |
| 02.00 a.m. - 03.00 a.m. | 58.2           | 84.5 | 60.4 | 55.4 |
| 03.00 a.m. - 04.00 a.m. | 58.0           | 85.1 | 61.1 | 55.8 |
| 04.00 a.m. - 05.00 a.m. | 58.1           | 84.4 | 60.3 | 54.1 |
| 05.00 a.m. - 06.00 a.m. | 61.2           | 89.5 | 63.8 | 59.2 |
| 06.00 a.m. - 07.00 a.m. | 61.8           | 90.1 | 64.0 | 59.7 |
| 07.00 a.m. - 08.00 a.m. | 64.1           | 90.1 | 66.3 | 60.1 |
| 08.00 a.m. - 09.00 a.m. | 65.8           | 92.1 | 67.1 | 63.4 |
| 09.00 a.m. - 10.00 a.m. | 70.5           | 98.4 | 71.5 | 68.3 |
| 10.00 a.m. - 11.00 a.m. | 67.4           | 93.7 | 69.6 | 65.1 |
| 11.00 a.m. - 12.00 p.m. | 65.3           | 93.5 | 68.2 | 62.1 |
| 12.00 p.m. - 01.00 p.m. | 63.5           | 91.1 | 67.0 | 61.7 |
| 01.00 p.m. - 02.00 p.m. | 66.8           | 93.1 | 69.0 | 64.6 |
| 24 Hours Average        | 65.4           | -    | 67.7 | 63.0 |
| Lmax                    | -              | 98.4 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 68.2           | -    | -    | -    |

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM Method  
Calibration  
Calibration





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658927 E 1516221 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 25 - 26 August 2025  
Received Date : 27 August 2025  
Analytical Date : 27 - 29 August 2025  
Report Date : 01 September 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/12  | 25-26/08/2025 | 70.5 <sup>1/</sup>                 | 63.7 <sup>2/</sup>                 | 61.6 <sup>2/</sup>                   | 7.9                              | 10.0     |

**Standard** : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

**Remark** : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 26 August 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.25 p.m. - 12.30 p.m., 26 August 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658922 E 1516211 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/3  
Sample Type : Sound Level  
Sampling Date : 03 - 04 September 2025  
Received Date : 05 September 2025  
Analytical Date : 05 - 09 September 2025  
Report Date : 10 September 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |       |      |      |
|-------------------------|----------------|-------|------|------|
|                         | Leq            | Lmax  | L10  | L90  |
| 10.00 a.m. - 11.00 a.m. | 72.1           | 100.1 | 74.3 | 68.5 |
| 11.00 a.m. - 12.00 p.m. | 68.0           | 85.3  | 70.4 | 65.3 |
| 12.00 p.m. - 01.00 p.m. | 66.6           | 84.1  | 68.3 | 63.1 |
| 01.00 p.m. - 02.00 p.m. | 69.4           | 90.4  | 71.4 | 66.7 |
| 02.00 p.m. - 03.00 p.m. | 68.3           | 96.4  | 71.0 | 65.4 |
| 03.00 p.m. - 04.00 p.m. | 67.0           | 96.9  | 68.4 | 65.1 |
| 04.00 p.m. - 05.00 p.m. | 71.9           | 99.4  | 74.5 | 70.2 |
| 05.00 p.m. - 06.00 p.m. | 71.5           | 95.3  | 73.6 | 69.2 |
| 06.00 p.m. - 07.00 p.m. | 66.5           | 84.5  | 69.0 | 64.8 |
| 07.00 p.m. - 08.00 p.m. | 60.1           | 81.4  | 63.0 | 56.8 |
| 08.00 p.m. - 09.00 p.m. | 63.4           | 82.5  | 65.3 | 65.1 |
| 09.00 p.m. - 10.00 p.m. | 62.1           | 83.7  | 64.8 | 58.4 |
| 10.00 p.m. - 11.00 p.m. | 64.6           | 84.0  | 66.8 | 62.5 |
| 11.00 p.m. - 00.00 a.m. | 59.4           | 85.3  | 61.4 | 57.2 |
| 00.00 a.m. - 01.00 a.m. | 61.8           | 86.0  | 65.0 | 59.4 |
| 01.00 a.m. - 02.00 a.m. | 62.7           | 84.1  | 66.0 | 60.3 |
| 02.00 a.m. - 03.00 a.m. | 64.2           | 72.4  | 67.0 | 62.4 |
| 03.00 a.m. - 04.00 a.m. | 59.5           | 75.4  | 61.2 | 57.4 |
| 04.00 a.m. - 05.00 a.m. | 57.8           | 77.6  | 59.5 | 56.8 |
| 05.00 a.m. - 06.00 a.m. | 57.9           | 74.1  | 59.4 | 56.6 |
| 06.00 a.m. - 07.00 a.m. | 58.8           | 70.5  | 59.8 | 57.2 |
| 07.00 a.m. - 08.00 a.m. | 68.2           | 81.1  | 70.5 | 65.0 |
| 08.00 a.m. - 09.00 a.m. | 73.2           | 100.3 | 76.5 | 71.5 |
| 09.00 a.m. - 10.00 a.m. | 72.0           | 99.5  | 73.5 | 68.5 |
| 24 Hours Average        | 67.7           | -     | 70.1 | 65.4 |
| Lmax                    | -              | 100.3 | -    | -    |
| Standard                | ≤70            | ≤115  | -    | -    |
| Ldn                     | 70.3           | -     | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark :

SL  
Ca  
Ca





**TNP ENVIRONMENT CO.,LTD.**

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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658922 E 1516211 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 03 - 04 September 2025  
Received Date : 05 September 2025  
Analytical Date : 05 - 09 September 2025  
Report Date : 10 September 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/3   | 03-04/09/2025 | 73.2 <sup>1/</sup>                 | 66.4 <sup>2/</sup>                 | 64.5 <sup>2/</sup>                   | 7.7                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 08.00 a.m. - 09.00 a.m., 04 September 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 06.10 p.m. - 06.15 p.m., 03 September 2025



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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658914 E 1516208 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

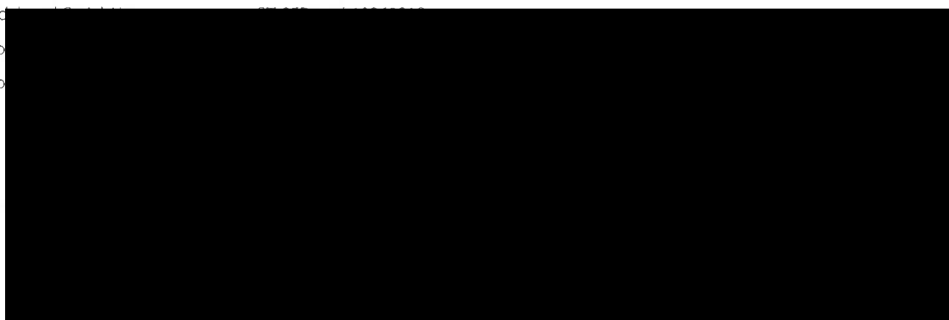
### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/6  
Sample Type : Sound Level  
Sampling Date : 08 - 09 September 2025  
Received Date : 10 September 2025  
Analytical Date : 10 - 12 September 2025  
Report Date : 15 September 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |              |             |             |
|-------------------------|----------------|--------------|-------------|-------------|
|                         | Leq            | Lmax         | L10         | L90         |
| 01.00 p.m. - 02.00 p.m. | 72.3           | 94.8         | 74.1        | 70.2        |
| 02.00 p.m. - 03.00 p.m. | 74.6           | 103.0        | 76.5        | 72.3        |
| 03.00 p.m. - 04.00 p.m. | 73.7           | 94.6         | 76.8        | 71.1        |
| 04.00 p.m. - 05.00 p.m. | 71.9           | 100.0        | 73.2        | 68.5        |
| 05.00 p.m. - 06.00 p.m. | 72.4           | 94.0         | 75.2        | 70.3        |
| 06.00 p.m. - 07.00 p.m. | 67.6           | 84.4         | 70.2        | 65.3        |
| 07.00 p.m. - 08.00 p.m. | 61.7           | 90.5         | 63.4        | 59.2        |
| 08.00 p.m. - 09.00 p.m. | 62.0           | 82.4         | 63.0        | 60.2        |
| 09.00 p.m. - 10.00 p.m. | 60.7           | 80.0         | 63.0        | 58.1        |
| 10.00 p.m. - 11.00 p.m. | 58.2           | 86.4         | 60.1        | 56.0        |
| 11.00 p.m. - 00.00 a.m. | 59.4           | 81.1         | 61.5        | 57.2        |
| 00.00 a.m. - 01.00 a.m. | 59.0           | 80.3         | 61.3        | 57.0        |
| 01.00 a.m. - 02.00 a.m. | 60.6           | 82.5         | 62.0        | 58.1        |
| 02.00 a.m. - 03.00 a.m. | 63.4           | 86.7         | 64.8        | 59.6        |
| 03.00 a.m. - 04.00 a.m. | 61.1           | 85.5         | 64.0        | 59.2        |
| 04.00 a.m. - 05.00 a.m. | 60.8           | 84.1         | 63.4        | 59.4        |
| 05.00 a.m. - 06.00 a.m. | 61.5           | 82.0         | 62.7        | 58.4        |
| 06.00 a.m. - 07.00 a.m. | 66.1           | 90.8         | 67.4        | 64.1        |
| 07.00 a.m. - 08.00 a.m. | 66.8           | 84.2         | 68.4        | 63.0        |
| 08.00 a.m. - 09.00 a.m. | 72.1           | 91.9         | 75.6        | 70.0        |
| 09.00 a.m. - 10.00 a.m. | 72.9           | 92.6         | 74.5        | 70.1        |
| 10.00 a.m. - 11.00 a.m. | 73.4           | 96.2         | 75.0        | 71.3        |
| 11.00 a.m. - 12.00 p.m. | 70.4           | 93.4         | 72.6        | 68.9        |
| 12.00 p.m. - 01.00 p.m. | 66.0           | 91.1         | 68.2        | 63.9        |
| <b>24 Hours Average</b> | <b>69.3</b>    | <b>-</b>     | <b>71.5</b> | <b>66.9</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>103.0</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b>  | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>71.3</b>    | <b>-</b>     | <b>-</b>    | <b>-</b>    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model  
Calibrator  
Calibrator





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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658914 E 1516208 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 08 - 09 September 2025  
Received Date : 10 September 2025  
Analytical Date : 10 - 12 September 2025  
Report Date : 15 September 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/6   | 08-09/09/2025 | 74.6 <sup>1/</sup>                 | 66.1 <sup>2/</sup>                 | 64.0 <sup>2/</sup>                   | 9.9                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 02.00 p.m. - 03.00 p.m., 08 September 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.00 p.m. - 12.05 p.m., 09 September 2025



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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658908 E 1516206 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/9  
Sample Type : Sound Level  
Sampling Date : 15 - 16 September 2025  
Received Date : 17 September 2025  
Analytical Date : 17 - 19 September 2025  
Report Date : 22 September 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 11.00 a.m. - 12.00 p.m. | 67.3           | 80.7 | 69.2 | 65.1 |
| 12.00 p.m. - 01.00 p.m. | 60.4           | 81.3 | 62.3 | 58.4 |
| 01.00 p.m. - 02.00 p.m. | 66.3           | 83.0 | 68.4 | 62.3 |
| 02.00 p.m. - 03.00 p.m. | 67.8           | 80.5 | 69.1 | 65.0 |
| 03.00 p.m. - 04.00 p.m. | 68.5           | 85.3 | 70.3 | 66.4 |
| 04.00 p.m. - 05.00 p.m. | 68.2           | 84.0 | 70.0 | 66.0 |
| 05.00 p.m. - 06.00 p.m. | 66.0           | 86.4 | 68.2 | 64.2 |
| 06.00 p.m. - 07.00 p.m. | 60.8           | 83.1 | 62.4 | 58.1 |
| 07.00 p.m. - 08.00 p.m. | 48.4           | 64.8 | 50.0 | 46.2 |
| 08.00 p.m. - 09.00 p.m. | 48.8           | 61.2 | 50.2 | 46.7 |
| 09.00 p.m. - 10.00 p.m. | 48.8           | 65.6 | 50.1 | 46.5 |
| 10.00 p.m. - 11.00 p.m. | 47.9           | 64.3 | 49.1 | 45.8 |
| 11.00 p.m. - 00.00 a.m. | 52.8           | 64.8 | 54.3 | 50.4 |
| 00.00 a.m. - 01.00 a.m. | 55.0           | 60.9 | 57.2 | 53.1 |
| 01.00 a.m. - 02.00 a.m. | 51.4           | 60.7 | 54.6 | 48.2 |
| 02.00 a.m. - 03.00 a.m. | 56.6           | 60.9 | 57.8 | 55.1 |
| 03.00 a.m. - 04.00 a.m. | 53.2           | 62.3 | 56.1 | 50.3 |
| 04.00 a.m. - 05.00 a.m. | 55.5           | 71.1 | 58.1 | 53.0 |
| 05.00 a.m. - 06.00 a.m. | 56.1           | 72.3 | 59.0 | 54.2 |
| 06.00 a.m. - 07.00 a.m. | 60.4           | 75.0 | 62.3 | 58.8 |
| 07.00 a.m. - 08.00 a.m. | 65.3           | 82.1 | 68.1 | 63.2 |
| 08.00 a.m. - 09.00 a.m. | 68.1           | 82.0 | 70.5 | 66.1 |
| 09.00 a.m. - 10.00 a.m. | 68.7           | 92.4 | 71.3 | 66.0 |
| 10.00 a.m. - 11.00 a.m. | 68.2           | 85.1 | 70.0 | 66.8 |
| 24 Hours Average        | 64.2           | -    | 66.2 | 61.9 |
| Lmax                    | -              | 92.4 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 65.8           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340912

Cal

Cal





**TNP ENVIRONMENT CO.,LTD.**

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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658908 E 1516206 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 15 - 16 September 2025  
Received Date : 17 September 2025  
Analytical Date : 17 - 19 September 2025  
Report Date : 22 September 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/9   | 15-16/09/2025 | 68.7 <sup>1/</sup>                 | 60.4 <sup>2/</sup>                 | 58.4 <sup>2/</sup>                   | 9.6                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 16 September 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.10 p.m. - 12.15 p.m., 15 September 2025



**TNP ENVIRONMENT CO.,LTD.**

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658927 E 1516221 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/12  
Sample Type : Sound Level  
Sampling Date : 23 - 24 September 2025  
Received Date : 25 September 2025  
Analytical Date : 25 - 29 September 2025  
Report Date : 30 September 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |             |             |             |
|-------------------------|----------------|-------------|-------------|-------------|
|                         | Leq            | Lmax        | L10         | L90         |
| 05.00 p.m. - 06.00 p.m. | 70.5           | 96.3        | 72.5        | 68.5        |
| 06.00 p.m. - 07.00 p.m. | 66.3           | 90.9        | 68.0        | 65.2        |
| 07.00 p.m. - 08.00 p.m. | 62.1           | 85.1        | 65.2        | 60.1        |
| 08.00 p.m. - 09.00 p.m. | 60.5           | 85.1        | 62.5        | 59.1        |
| 09.00 p.m. - 10.00 p.m. | 59.4           | 83.2        | 61.1        | 56.3        |
| 10.00 p.m. - 11.00 p.m. | 59.0           | 81.0        | 61.3        | 57.2        |
| 11.00 p.m. - 00.00 a.m. | 59.8           | 74.3        | 61.0        | 58.2        |
| 00.00 a.m. - 01.00 a.m. | 57.3           | 71.5        | 59.3        | 55.0        |
| 01.00 a.m. - 02.00 a.m. | 57.0           | 72.4        | 59.5        | 55.0        |
| 02.00 a.m. - 03.00 a.m. | 58.2           | 73.6        | 60.0        | 56.1        |
| 03.00 a.m. - 04.00 a.m. | 58.1           | 74.5        | 61.3        | 56.1        |
| 04.00 a.m. - 05.00 a.m. | 59.3           | 75.1        | 61.3        | 58.2        |
| 05.00 a.m. - 06.00 a.m. | 60.1           | 80.2        | 62.0        | 58.6        |
| 06.00 a.m. - 07.00 a.m. | 62.2           | 86.0        | 64.8        | 61.2        |
| 07.00 a.m. - 08.00 a.m. | 65.4           | 91.3        | 67.0        | 63.0        |
| 08.00 a.m. - 09.00 a.m. | 68.0           | 92.0        | 69.2        | 65.3        |
| 09.00 a.m. - 10.00 a.m. | 71.1           | 94.1        | 73.1        | 69.1        |
| 10.00 a.m. - 11.00 a.m. | 70.6           | 95.2        | 72.1        | 68.1        |
| 11.00 a.m. - 12.00 p.m. | 70.0           | 94.3        | 72.0        | 68.7        |
| 12.00 p.m. - 01.00 p.m. | 65.2           | 89.8        | 68.2        | 62.7        |
| 01.00 p.m. - 02.00 p.m. | 68.3           | 91.1        | 70.3        | 66.3        |
| 02.00 p.m. - 03.00 p.m. | 68.7           | 93.3        | 70.0        | 66.5        |
| 03.00 p.m. - 04.00 p.m. | 69.1           | 90.5        | 71.5        | 67.8        |
| 04.00 p.m. - 05.00 p.m. | 71.0           | 95.6        | 73.6        | 68.2        |
| <b>24 Hours Average</b> | <b>66.6</b>    | <b>-</b>    | <b>68.6</b> | <b>64.6</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>96.3</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b> | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>68.7</b>    | <b>-</b>    | <b>-</b>    | <b>-</b>    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM M

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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658927 E 1516221 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 23 - 24 September 2025  
Received Date : 25 September 2025  
Analytical Date : 25 - 29 September 2025  
Report Date : 30 September 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/12  | 23-24/09/2025 | 71.1 <sup>1/</sup>                 | 65.0 <sup>2/</sup>                 | 62.3 <sup>2/</sup>                   | 7.6                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

; Residual Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 24 September 2025

<sup>2/</sup> Measurement on 12.00 p.m. - 12.05 p.m., 24 September 2025



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E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658954 E 1516189 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/3  
Sample Type : Sound Level  
Sampling Date : 02 - 03 October 2025  
Received Date : 06 October 2025  
Analytical Date : 06 - 08 October 2025  
Report Date : 09 October 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |       |      |      |
|-------------------------|----------------|-------|------|------|
|                         | Leq            | Lmax  | L10  | L90  |
| 11.00 a.m. - 12.00 p.m. | 70.4           | 91.7  | 72.5 | 67.5 |
| 12.00 p.m. - 01.00 p.m. | 68.1           | 89.4  | 70.3 | 65.8 |
| 01.00 p.m. - 02.00 p.m. | 71.6           | 90.4  | 73.7 | 68.3 |
| 02.00 p.m. - 03.00 p.m. | 73.4           | 94.7  | 75.1 | 70.3 |
| 03.00 p.m. - 04.00 p.m. | 72.5           | 91.1  | 74.0 | 70.1 |
| 04.00 p.m. - 05.00 p.m. | 72.1           | 92.5  | 74.2 | 69.8 |
| 05.00 p.m. - 06.00 p.m. | 70.3           | 91.0  | 72.3 | 68.5 |
| 06.00 p.m. - 07.00 p.m. | 68.6           | 89.9  | 71.1 | 66.8 |
| 07.00 p.m. - 08.00 p.m. | 61.2           | 82.3  | 64.2 | 58.3 |
| 08.00 p.m. - 09.00 p.m. | 60.4           | 80.7  | 63.2 | 58.0 |
| 09.00 p.m. - 10.00 p.m. | 59.7           | 75.6  | 62.4 | 57.4 |
| 10.00 p.m. - 11.00 p.m. | 59.3           | 74.1  | 62.5 | 57.6 |
| 11.00 p.m. - 00.00 a.m. | 58.8           | 76.3  | 61.3 | 55.2 |
| 00.00 a.m. - 01.00 a.m. | 58.0           | 74.2  | 61.0 | 55.7 |
| 01.00 a.m. - 02.00 a.m. | 59.3           | 70.0  | 61.4 | 57.2 |
| 02.00 a.m. - 03.00 a.m. | 59.4           | 72.5  | 61.8 | 58.3 |
| 03.00 a.m. - 04.00 a.m. | 59.0           | 71.6  | 61.1 | 56.7 |
| 04.00 a.m. - 05.00 a.m. | 58.2           | 79.5  | 62.0 | 55.1 |
| 05.00 a.m. - 06.00 a.m. | 58.4           | 78.2  | 61.2 | 56.0 |
| 06.00 a.m. - 07.00 a.m. | 60.1           | 80.3  | 63.0 | 58.2 |
| 07.00 a.m. - 08.00 a.m. | 68.3           | 87.6  | 72.0 | 66.5 |
| 08.00 a.m. - 09.00 a.m. | 69.7           | 85.1  | 71.8 | 67.4 |
| 09.00 a.m. - 10.00 a.m. | 74.3           | 100.4 | 76.2 | 72.1 |
| 10.00 a.m. - 11.00 a.m. | 73.2           | 92.3  | 74.6 | 71.1 |
| 24 Hours Average        | 68.8           | -     | 70.8 | 66.4 |
| Lmax                    | -              | 100.4 | -    | -    |
| Standard                | ≤70            | ≤115  | -    | -    |
| Ldn                     | 70.1           | -     | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM  
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เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658954 E 1516189 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 02 - 03 October 2025  
Received Date : 06 October 2025  
Analytical Date : 06 - 08 October 2025  
Report Date : 09 October 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/3   | 02-03/10/2025 | 74.3 <sup>1/</sup>                 | 68.2 <sup>2/</sup>                 | 66.1 <sup>2/</sup>                   | 7.0                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 03 October 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.20 p.m. - 12.25 p.m., 02 October 2025



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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658917 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/6  
Sample Type : Sound Level  
Sampling Date : 10 - 11 October 2025  
Received Date : 13 October 2025  
Analytical Date : 13 - 15 October 2025  
Report Date : 16 October 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 03.00 p.m. - 04.00 p.m. | 73.2           | 94.1 | 76.3 | 70.6 |
| 04.00 p.m. - 05.00 p.m. | 72.5           | 99.5 | 74.4 | 70.1 |
| 05.00 p.m. - 06.00 p.m. | 71.9           | 93.5 | 74.7 | 68.3 |
| 06.00 p.m. - 07.00 p.m. | 68.2           | 83.9 | 69.7 | 66.1 |
| 07.00 p.m. - 08.00 p.m. | 64.4           | 90.0 | 67.1 | 62.4 |
| 08.00 p.m. - 09.00 p.m. | 61.5           | 81.6 | 62.5 | 59.7 |
| 09.00 p.m. - 10.00 p.m. | 61.3           | 82.5 | 62.5 | 59.7 |
| 10.00 p.m. - 11.00 p.m. | 60.4           | 86.1 | 62.3 | 58.2 |
| 11.00 p.m. - 00.00 a.m. | 60.1           | 71.5 | 62.1 | 58.0 |
| 00.00 a.m. - 01.00 a.m. | 59.5           | 72.4 | 61.5 | 57.4 |
| 01.00 a.m. - 02.00 a.m. | 59.1           | 70.8 | 62.3 | 57.2 |
| 02.00 a.m. - 03.00 a.m. | 60.3           | 81.4 | 64.3 | 59.1 |
| 03.00 a.m. - 04.00 a.m. | 60.6           | 86.3 | 63.5 | 58.7 |
| 04.00 a.m. - 05.00 a.m. | 60.3           | 84.1 | 62.9 | 58.9 |
| 05.00 a.m. - 06.00 a.m. | 61.0           | 85.9 | 63.7 | 58.1 |
| 06.00 a.m. - 07.00 a.m. | 65.6           | 90.3 | 66.9 | 62.3 |
| 07.00 a.m. - 08.00 a.m. | 67.0           | 83.7 | 69.2 | 65.1 |
| 08.00 a.m. - 09.00 a.m. | 71.6           | 91.4 | 75.1 | 68.2 |
| 09.00 a.m. - 10.00 a.m. | 74.0           | 92.1 | 77.7 | 72.1 |
| 10.00 a.m. - 11.00 a.m. | 73.6           | 95.7 | 76.2 | 71.2 |
| 11.00 a.m. - 12.00 p.m. | 74.9           | 99.9 | 76.0 | 72.7 |
| 12.00 p.m. - 01.00 p.m. | 68.0           | 86.3 | 70.4 | 65.3 |
| 01.00 p.m. - 02.00 p.m. | 71.1           | 91.1 | 73.6 | 68.2 |
| 02.00 p.m. - 03.00 p.m. | 72.6           | 90.5 | 74.8 | 70.4 |
| 24 Hours Average        | 69.5           | -    | 72.0 | 67.1 |
| Lmax                    | -              | 99.9 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 71.3           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340912

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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658917 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 10 - 11 October 2025  
Received Date : 13 October 2025  
Analytical Date : 13 - 15 October 2025  
Report Date : 16 October 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/6   | 10-11/10/2025 | 74.9 <sup>1/</sup>                 | 67.0 <sup>2/</sup>                 | 65.1 <sup>2/</sup>                   | 9.0                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 11:00 a.m. - 12:00 p.m., 11 October 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 07:00 p.m. - 07:05 p.m., 11 October 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658917 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/9  
Sample Type : Sound Level  
Sampling Date : 14 - 15 October 2025  
Received Date : 16 October 2025  
Analytical Date : 16 - 20 October 2025  
Report Date : 21 October 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 10.00 a.m. - 11.00 a.m. | 72.5           | 97.1 | 74.0 | 70.0 |
| 11.00 a.m. - 12.00 p.m. | 73.2           | 96.0 | 75.2 | 71.3 |
| 12.00 p.m. - 01.00 p.m. | 68.0           | 94.5 | 70.3 | 65.8 |
| 01.00 p.m. - 02.00 p.m. | 71.5           | 95.0 | 73.1 | 69.2 |
| 02.00 p.m. - 03.00 p.m. | 72.6           | 97.1 | 75.6 | 70.6 |
| 03.00 p.m. - 04.00 p.m. | 70.7           | 95.2 | 73.4 | 68.2 |
| 04.00 p.m. - 05.00 p.m. | 72.4           | 94.3 | 74.5 | 70.8 |
| 05.00 p.m. - 06.00 p.m. | 70.1           | 90.0 | 72.3 | 68.6 |
| 06.00 p.m. - 07.00 p.m. | 68.3           | 86.3 | 69.3 | 65.3 |
| 07.00 p.m. - 08.00 p.m. | 60.8           | 87.6 | 64.0 | 58.3 |
| 08.00 p.m. - 09.00 p.m. | 59.8           | 70.0 | 62.3 | 57.0 |
| 09.00 p.m. - 10.00 p.m. | 59.7           | 71.3 | 63.6 | 55.8 |
| 10.00 p.m. - 11.00 p.m. | 59.0           | 72.4 | 61.3 | 57.4 |
| 11.00 p.m. - 00.00 a.m. | 56.3           | 75.0 | 59.0 | 53.8 |
| 00.00 a.m. - 01.00 a.m. | 57.4           | 80.1 | 59.4 | 54.2 |
| 01.00 a.m. - 02.00 a.m. | 57.1           | 81.3 | 59.2 | 54.0 |
| 02.00 a.m. - 03.00 a.m. | 59.3           | 76.3 | 61.6 | 56.3 |
| 03.00 a.m. - 04.00 a.m. | 59.1           | 80.4 | 62.3 | 56.6 |
| 04.00 a.m. - 05.00 a.m. | 58.5           | 81.0 | 61.4 | 56.8 |
| 05.00 a.m. - 06.00 a.m. | 59.8           | 78.3 | 62.8 | 57.1 |
| 06.00 a.m. - 07.00 a.m. | 59.1           | 75.6 | 61.0 | 56.0 |
| 07.00 a.m. - 08.00 a.m. | 69.5           | 90.4 | 71.0 | 67.0 |
| 08.00 a.m. - 09.00 a.m. | 71.0           | 93.3 | 73.3 | 68.0 |
| 09.00 a.m. - 10.00 a.m. | 73.6           | 99.8 | 74.6 | 70.1 |
| 24 Hours Average        | 68.7           | -    | 70.7 | 66.3 |
| Lmax                    | -              | 99.8 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 69.9           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340912

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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658917 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 14 - 15 October 2025  
Received Date : 16 October 2025  
Analytical Date : 16 - 20 October 2025  
Report Date : 21 October 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/9   | 14-15/10/2025 | 73.6 <sup>1/</sup>                 | 67.3 <sup>2/</sup>                 | 65.7 <sup>2/</sup>                   | 6.7                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 15 October 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.50 p.m. - 12.55 p.m., 14 October 2025



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เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658917 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/12  
Sample Type : Sound Level  
Sampling Date : 20 - 21 October 2025  
Received Date : 22 October 2025  
Analytical Date : 22 - 27 October 2025  
Report Date : 28 October 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 10.00 a.m. - 11.00 a.m. | 73.2           | 95.0 | 75.1 | 70.1 |
| 11.00 a.m. - 12.00 p.m. | 71.0           | 94.6 | 73.2 | 67.5 |
| 12.00 p.m. - 01.00 p.m. | 69.2           | 93.8 | 71.0 | 66.4 |
| 01.00 p.m. - 02.00 p.m. | 70.4           | 94.1 | 72.5 | 68.6 |
| 02.00 p.m. - 03.00 p.m. | 71.2           | 95.7 | 74.6 | 69.0 |
| 03.00 p.m. - 04.00 p.m. | 72.3           | 96.5 | 74.6 | 69.8 |
| 04.00 p.m. - 05.00 p.m. | 73.0           | 97.0 | 76.3 | 71.1 |
| 05.00 p.m. - 06.00 p.m. | 70.8           | 95.3 | 73.8 | 68.0 |
| 06.00 p.m. - 07.00 p.m. | 68.5           | 92.5 | 70.1 | 66.0 |
| 07.00 p.m. - 08.00 p.m. | 60.1           | 80.4 | 62.2 | 59.0 |
| 08.00 p.m. - 09.00 p.m. | 59.5           | 82.3 | 61.0 | 56.5 |
| 09.00 p.m. - 10.00 p.m. | 59.0           | 81.4 | 61.3 | 56.8 |
| 10.00 p.m. - 11.00 p.m. | 59.7           | 82.0 | 62.8 | 56.9 |
| 11.00 p.m. - 00.00 a.m. | 59.3           | 83.5 | 62.5 | 56.1 |
| 00.00 a.m. - 01.00 a.m. | 59.1           | 73.3 | 62.0 | 57.2 |
| 01.00 a.m. - 02.00 a.m. | 58.6           | 75.0 | 60.9 | 56.0 |
| 02.00 a.m. - 03.00 a.m. | 58.5           | 80.7 | 60.7 | 55.0 |
| 03.00 a.m. - 04.00 a.m. | 58.0           | 71.1 | 61.2 | 54.2 |
| 04.00 a.m. - 05.00 a.m. | 59.4           | 80.2 | 61.3 | 56.1 |
| 05.00 a.m. - 06.00 a.m. | 59.6           | 81.2 | 63.0 | 57.5 |
| 06.00 a.m. - 07.00 a.m. | 61.3           | 86.7 | 63.7 | 57.6 |
| 07.00 a.m. - 08.00 a.m. | 70.0           | 94.0 | 73.3 | 67.0 |
| 08.00 a.m. - 09.00 a.m. | 71.3           | 92.3 | 74.0 | 68.1 |
| 09.00 a.m. - 10.00 a.m. | 74.5           | 98.7 | 76.8 | 71.7 |
| 24 Hours Average        | 68.8           | -    | 71.4 | 66.2 |
| Lmax                    | -              | 98.7 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 70.3           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340912

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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658917 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 20 - 21 October 2025  
Received Date : 22 October 2025  
Analytical Date : 22 - 27 October 2025  
Report Date : 28 October 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/12  | 20-21/10/2025 | 74.5 <sup>1/</sup>                 | 68.5 <sup>2/</sup>                 | 66.1 <sup>2/</sup>                   | 7.1                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 21 October 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 06.10 p.m. - 06.15 p.m., 20 October 2025



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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658937 E 1516200 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/15  
Sample Type : Sound Level  
Sampling Date : 27 - 28 October 2025  
Received Date : 29 October 2025  
Analytical Date : 29 - 31 October 2025  
Report Date : 03 November 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |       |      |      |
|-------------------------|----------------|-------|------|------|
|                         | Leq            | Lmax  | L10  | L90  |
| 02.00 p.m. - 03.00 p.m. | 72.0           | 91.1  | 74.7 | 69.2 |
| 03.00 p.m. - 04.00 p.m. | 73.8           | 90.8  | 76.2 | 70.7 |
| 04.00 p.m. - 05.00 p.m. | 72.4           | 92.0  | 75.0 | 70.5 |
| 05.00 p.m. - 06.00 p.m. | 70.6           | 91.4  | 73.3 | 68.3 |
| 06.00 p.m. - 07.00 p.m. | 68.8           | 86.3  | 72.3 | 65.7 |
| 07.00 p.m. - 08.00 p.m. | 60.2           | 87.0  | 63.1 | 58.3 |
| 08.00 p.m. - 09.00 p.m. | 59.5           | 85.1  | 63.0 | 57.4 |
| 09.00 p.m. - 10.00 p.m. | 59.7           | 80.3  | 62.4 | 57.0 |
| 10.00 p.m. - 11.00 p.m. | 59.0           | 81.0  | 61.2 | 55.9 |
| 11.00 p.m. - 00.00 a.m. | 59.3           | 74.5  | 62.5 | 56.5 |
| 00.00 a.m. - 01.00 a.m. | 58.6           | 76.3  | 62.3 | 55.8 |
| 01.00 a.m. - 02.00 a.m. | 58.1           | 78.2  | 60.4 | 56.0 |
| 02.00 a.m. - 03.00 a.m. | 58.0           | 80.1  | 61.1 | 56.1 |
| 03.00 a.m. - 04.00 a.m. | 59.3           | 79.4  | 62.3 | 56.2 |
| 04.00 a.m. - 05.00 a.m. | 59.4           | 78.5  | 62.1 | 57.3 |
| 05.00 a.m. - 06.00 a.m. | 59.9           | 79.0  | 62.6 | 58.0 |
| 06.00 a.m. - 07.00 a.m. | 62.4           | 80.7  | 65.1 | 59.2 |
| 07.00 a.m. - 08.00 a.m. | 69.3           | 90.0  | 71.5 | 67.1 |
| 08.00 a.m. - 09.00 a.m. | 72.5           | 91.4  | 74.6 | 70.1 |
| 09.00 a.m. - 10.00 a.m. | 75.3           | 100.1 | 78.0 | 73.6 |
| 10.00 a.m. - 11.00 a.m. | 73.9           | 95.3  | 77.5 | 71.2 |
| 11.00 a.m. - 12.00 p.m. | 72.1           | 94.0  | 75.1 | 69.0 |
| 12.00 p.m. - 01.00 p.m. | 68.7           | 92.4  | 72.0 | 66.2 |
| 01.00 p.m. - 02.00 p.m. | 71.3           | 93.0  | 74.1 | 69.3 |
| 24 Hours Average        | 69.4           | -     | 72.2 | 67.0 |
| Lmax                    | -              | 100.1 | -    | -    |
| Standard                | ≤70            | ≤115  | -    | -    |
| Ldn                     | 70.7           | -     | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-35D and 110340010

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เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658937 E 1516200 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 27 - 28 October 2025  
Received Date : 29 October 2025  
Analytical Date : 29 - 31 October 2025  
Report Date : 03 November 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/15  | 27-28/10/2025 | 75.3 <sup>1/</sup>                 | 68.2 <sup>2/</sup>                 | 66.3 <sup>2/</sup>                   | 8.1                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 28 October 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.35 p.m. - 12.40 p.m., 28 October 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/3  
Sample Type : Sound Level  
Sampling Date : 03 - 04 November 2025  
Received Date : 05 November 2025  
Analytical Date : 05 - 07 November 2025  
Report Date : 10 November 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |              |             |             |
|-------------------------|----------------|--------------|-------------|-------------|
|                         | Leq            | Lmax         | L10         | L90         |
| 10.00 a.m. - 11.00 a.m. | 72.6           | 110.3        | 74.5        | 71.6        |
| 11.00 a.m. - 12.00 p.m. | 68.0           | 90.4         | 70.3        | 65.3        |
| 12.00 p.m. - 01.00 p.m. | 65.4           | 88.9         | 67.9        | 62.8        |
| 01.00 p.m. - 02.00 p.m. | 68.7           | 80.8         | 71.5        | 66.3        |
| 02.00 p.m. - 03.00 p.m. | 69.0           | 85.5         | 70.2        | 65.3        |
| 03.00 p.m. - 04.00 p.m. | 69.6           | 82.4         | 72.2        | 67.0        |
| 04.00 p.m. - 05.00 p.m. | 69.4           | 94.7         | 73.0        | 66.3        |
| 05.00 p.m. - 06.00 p.m. | 69.1           | 96.1         | 71.5        | 66.1        |
| 06.00 p.m. - 07.00 p.m. | 65.6           | 96.3         | 66.8        | 63.3        |
| 07.00 p.m. - 08.00 p.m. | 60.1           | 90.4         | 62.0        | 58.6        |
| 08.00 p.m. - 09.00 p.m. | 59.6           | 97.0         | 62.6        | 56.0        |
| 09.00 p.m. - 10.00 p.m. | 60.3           | 93.2         | 62.1        | 58.0        |
| 10.00 p.m. - 11.00 p.m. | 56.6           | 79.1         | 59.3        | 54.3        |
| 11.00 p.m. - 00.00 a.m. | 56.0           | 77.9         | 58.5        | 54.0        |
| 00.00 a.m. - 01.00 a.m. | 55.2           | 77.8         | 57.1        | 53.6        |
| 01.00 a.m. - 02.00 a.m. | 54.0           | 79.8         | 55.8        | 52.0        |
| 02.00 a.m. - 03.00 a.m. | 52.9           | 77.3         | 54.1        | 50.7        |
| 03.00 a.m. - 04.00 a.m. | 54.6           | 80.2         | 56.3        | 52.0        |
| 04.00 a.m. - 05.00 a.m. | 56.5           | 80.1         | 59.0        | 54.1        |
| 05.00 a.m. - 06.00 a.m. | 59.0           | 77.7         | 62.1        | 57.0        |
| 06.00 a.m. - 07.00 a.m. | 62.9           | 83.4         | 65.8        | 59.3        |
| 07.00 a.m. - 08.00 a.m. | 66.3           | 81.6         | 68.0        | 64.0        |
| 08.00 a.m. - 09.00 a.m. | 68.2           | 89.1         | 70.6        | 66.3        |
| 09.00 a.m. - 10.00 a.m. | 68.2           | 97.1         | 70.9        | 66.4        |
| <b>24 Hours Average</b> | <b>66.1</b>    | <b>-</b>     | <b>68.5</b> | <b>63.9</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>110.3</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b>  | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>67.8</b>    | <b>-</b>     | <b>-</b>    | <b>-</b>    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM  
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TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 03 - 04 November 2025  
Received Date : 05 November 2025  
Analytical Date : 05 - 07 November 2025  
Report Date : 10 November 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/3   | 03-04/11/2025 | 72.6 <sup>1/</sup>                 | 65.6 <sup>2/</sup>                 | 63.1 <sup>2/</sup>                   | 8.5                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 10.00 a.m. - 11.00 a.m., 03 November 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.05 p.m. - 12.10 p.m., 03 November 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/3  
Sample Type : Sound Level  
Sampling Date : 03 - 04 November 2025  
Received Date : 05 November 2025  
Analytical Date : 05 - 07 November 2025  
Report Date : 10 November 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |              |             |             |
|-------------------------|----------------|--------------|-------------|-------------|
|                         | Leq            | Lmax         | L10         | L90         |
| 10.00 a.m. - 11.00 a.m. | 72.6           | 110.3        | 74.5        | 71.6        |
| 11.00 a.m. - 12.00 p.m. | 68.0           | 90.4         | 70.3        | 65.3        |
| 12.00 p.m. - 01.00 p.m. | 65.4           | 88.9         | 67.9        | 62.8        |
| 01.00 p.m. - 02.00 p.m. | 68.7           | 80.8         | 71.5        | 66.3        |
| 02.00 p.m. - 03.00 p.m. | 69.0           | 85.5         | 70.2        | 65.3        |
| 03.00 p.m. - 04.00 p.m. | 69.6           | 82.4         | 72.2        | 67.0        |
| 04.00 p.m. - 05.00 p.m. | 69.4           | 94.7         | 73.0        | 66.3        |
| 05.00 p.m. - 06.00 p.m. | 69.1           | 96.1         | 71.5        | 66.1        |
| 06.00 p.m. - 07.00 p.m. | 65.6           | 96.3         | 66.8        | 63.3        |
| 07.00 p.m. - 08.00 p.m. | 60.1           | 90.4         | 62.0        | 58.6        |
| 08.00 p.m. - 09.00 p.m. | 59.6           | 97.0         | 62.6        | 56.0        |
| 09.00 p.m. - 10.00 p.m. | 60.3           | 93.2         | 62.1        | 58.0        |
| 10.00 p.m. - 11.00 p.m. | 56.6           | 79.1         | 59.3        | 54.3        |
| 11.00 p.m. - 00.00 a.m. | 56.0           | 77.9         | 58.5        | 54.0        |
| 00.00 a.m. - 01.00 a.m. | 55.2           | 77.8         | 57.1        | 53.6        |
| 01.00 a.m. - 02.00 a.m. | 54.0           | 79.8         | 55.8        | 52.0        |
| 02.00 a.m. - 03.00 a.m. | 52.9           | 77.3         | 54.1        | 50.7        |
| 03.00 a.m. - 04.00 a.m. | 54.6           | 80.2         | 56.3        | 52.0        |
| 04.00 a.m. - 05.00 a.m. | 56.5           | 80.1         | 59.0        | 54.1        |
| 05.00 a.m. - 06.00 a.m. | 59.0           | 77.7         | 62.1        | 57.0        |
| 06.00 a.m. - 07.00 a.m. | 62.9           | 83.4         | 65.8        | 59.3        |
| 07.00 a.m. - 08.00 a.m. | 66.3           | 81.6         | 68.0        | 64.0        |
| 08.00 a.m. - 09.00 a.m. | 68.2           | 89.1         | 70.6        | 66.3        |
| 09.00 a.m. - 10.00 a.m. | 68.2           | 97.1         | 70.9        | 66.4        |
| <b>24 Hours Average</b> | <b>66.1</b>    | <b>-</b>     | <b>68.5</b> | <b>63.9</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>110.3</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b>  | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>67.8</b>    | <b>-</b>     | <b>-</b>    | <b>-</b>    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM A  
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TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกั้นเสียง  
GPS. Coordinate : 47P 658943 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 03 - 04 November 2025  
Received Date : 05 November 2025  
Analytical Date : 05 - 07 November 2025  
Report Date : 10 November 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/3   | 03-04/11/2025 | 72.6 <sup>1/</sup>                 | 65.6 <sup>2/</sup>                 | 63.1 <sup>2/</sup>                   | 8.5                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 10.00 a.m. - 11.00 a.m., 03 November 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.05 p.m. - 12.10 p.m., 03 November 2025

**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

**ANALYSIS REPORT****Data Provided by Customer**

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68055  
Sample No. : S68055/6  
Sample Type : Sound Level  
Sampling Date : 11 - 12 November 2025  
Received Date : 13 November 2025  
Analytical Date : 13 - 17 November 2025  
Report Date : 18 November 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |              |             |             |
|-------------------------|----------------|--------------|-------------|-------------|
|                         | Leq            | Lmax         | L10         | L90         |
| 10.00 a.m. - 11.00 a.m. | 71.3           | 100.2        | 73.0        | 69.0        |
| 11.00 a.m. - 12.00 p.m. | 69.4           | 95.0         | 71.7        | 65.8        |
| 12.00 p.m. - 01.00 p.m. | 65.9           | 87.3         | 68.5        | 63.4        |
| 01.00 p.m. - 02.00 p.m. | 67.6           | 90.1         | 69.3        | 65.3        |
| 02.00 p.m. - 03.00 p.m. | 70.4           | 93.5         | 72.2        | 67.9        |
| 03.00 p.m. - 04.00 p.m. | 71.2           | 94.7         | 73.0        | 69.6        |
| 04.00 p.m. - 05.00 p.m. | 70.8           | 94.1         | 74.0        | 68.5        |
| 05.00 p.m. - 06.00 p.m. | 67.3           | 90.0         | 69.6        | 64.0        |
| 06.00 p.m. - 07.00 p.m. | 66.7           | 89.7         | 69.3        | 63.8        |
| 07.00 p.m. - 08.00 p.m. | 60.4           | 83.3         | 62.7        | 58.1        |
| 08.00 p.m. - 09.00 p.m. | 59.3           | 79.5         | 62.3        | 56.7        |
| 09.00 p.m. - 10.00 p.m. | 59.7           | 78.1         | 62.4        | 57.1        |
| 10.00 p.m. - 11.00 p.m. | 59.8           | 80.4         | 62.8        | 56.0        |
| 11.00 p.m. - 00.00 a.m. | 59.0           | 81.1         | 61.3        | 56.4        |
| 00.00 a.m. - 01.00 a.m. | 58.6           | 78.9         | 61.1        | 56.3        |
| 01.00 a.m. - 02.00 a.m. | 58.4           | 78.2         | 62.0        | 55.7        |
| 02.00 a.m. - 03.00 a.m. | 58.0           | 79.6         | 60.3        | 56.0        |
| 03.00 a.m. - 04.00 a.m. | 59.7           | 79.0         | 63.5        | 57.4        |
| 04.00 a.m. - 05.00 a.m. | 59.3           | 80.1         | 61.0        | 56.0        |
| 05.00 a.m. - 06.00 a.m. | 59.8           | 82.3         | 62.8        | 57.1        |
| 06.00 a.m. - 07.00 a.m. | 60.4           | 84.0         | 62.0        | 57.5        |
| 07.00 a.m. - 08.00 a.m. | 67.3           | 93.0         | 69.6        | 64.7        |
| 08.00 a.m. - 09.00 a.m. | 71.1           | 94.1         | 73.0        | 67.8        |
| 09.00 a.m. - 10.00 a.m. | 72.0           | 101.4        | 74.1        | 69.9        |
| <b>24 Hours Average</b> | <b>67.1</b>    | <b>-</b>     | <b>69.3</b> | <b>64.6</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>101.4</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b>  | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>69.0</b>    | <b>-</b>     | <b>-</b>    | <b>-</b>    |

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM M

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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุดมกาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุดมกาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 11 - 12 November 2025  
Received Date : 13 November 2025  
Analytical Date : 13 - 17 November 2025  
Report Date : 18 November 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/6   | 11-12/11/2025 | 72.0 <sup>1/</sup>                 | 66.9 <sup>2/</sup>                 | 63.6 <sup>2/</sup>                   | 6.8                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

; Residual Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 12 November 2025

<sup>2/</sup> Measurement on 12.10 p.m. - 12.15 p.m., 11 November 2025

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
 GPS. Coordinate : 47P 658939 E 1516199 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
 Sample No. : S68055/9  
 Sample Type : Sound Level  
 Sampling Date : 17 - 18 November 2025  
 Received Date : 19 November 2025  
 Analytical Date : 19 - 21 November 2025  
 Report Date : 24 November 2025  
 Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |              |             |             |
|-------------------------|----------------|--------------|-------------|-------------|
|                         | Leq            | Lmax         | L10         | L90         |
| 03.00 p.m. - 04.00 p.m. | 70.2           | 94.1         | 72.5        | 67.4        |
| 04.00 p.m. - 05.00 p.m. | 69.8           | 92.5         | 72.3        | 67.8        |
| 05.00 p.m. - 06.00 p.m. | 68.0           | 90.7         | 70.1        | 66.2        |
| 06.00 p.m. - 07.00 p.m. | 67.5           | 89.3         | 71.0        | 65.4        |
| 07.00 p.m. - 08.00 p.m. | 60.3           | 87.5         | 61.3        | 57.3        |
| 08.00 p.m. - 09.00 p.m. | 59.7           | 80.4         | 62.8        | 57.4        |
| 09.00 p.m. - 10.00 p.m. | 59.8           | 79.6         | 62.5        | 57.2        |
| 10.00 p.m. - 11.00 p.m. | 59.0           | 78.5         | 61.1        | 56.2        |
| 11.00 p.m. - 00.00 a.m. | 58.6           | 79.3         | 62.3        | 55.9        |
| 00.00 a.m. - 01.00 a.m. | 58.4           | 79.0         | 61.4        | 55.1        |
| 01.00 a.m. - 02.00 a.m. | 58.5           | 80.1         | 61.0        | 54.6        |
| 02.00 a.m. - 03.00 a.m. | 59.0           | 81.3         | 61.2        | 56.2        |
| 03.00 a.m. - 04.00 a.m. | 59.3           | 80.7         | 60.8        | 56.8        |
| 04.00 a.m. - 05.00 a.m. | 59.4           | 82.3         | 61.9        | 57.5        |
| 05.00 a.m. - 06.00 a.m. | 59.2           | 81.0         | 60.8        | 57.1        |
| 06.00 a.m. - 07.00 a.m. | 60.1           | 84.6         | 61.3        | 58.3        |
| 07.00 a.m. - 08.00 a.m. | 67.3           | 91.3         | 70.3        | 65.5        |
| 08.00 a.m. - 09.00 a.m. | 71.5           | 90.6         | 74.2        | 68.5        |
| 09.00 a.m. - 10.00 a.m. | 74.0           | 100.8        | 76.5        | 71.2        |
| 10.00 a.m. - 11.00 a.m. | 72.6           | 95.0         | 76.1        | 70.8        |
| 11.00 a.m. - 12.00 p.m. | 70.3           | 94.3         | 72.0        | 67.2        |
| 12.00 p.m. - 01.00 p.m. | 67.2           | 98.3         | 68.3        | 64.4        |
| 01.00 p.m. - 02.00 p.m. | 70.1           | 95.0         | 72.6        | 67.7        |
| 02.00 p.m. - 03.00 p.m. | 70.7           | 94.8         | 73.3        | 66.9        |
| <b>24 Hours Average</b> | <b>67.8</b>    | <b>-</b>     | <b>70.3</b> | <b>65.2</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>100.8</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b>  | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>69.4</b>    | <b>-</b>     | <b>-</b>    | <b>-</b>    |

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLM  
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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658939 E 1516199 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 17 - 18 November 2025  
Received Date : 19 November 2025  
Analytical Date : 19 - 21 November 2025  
Report Date : 24 November 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/9   | 17-18/11/2025 | 74.0 <sup>1/</sup>                 | 67.8 <sup>2/</sup>                 | 65.0 <sup>2/</sup>                   | 7.8                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

; Residual Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 18 November 2025

<sup>2/</sup> Measurement on 12.00 p.m. - 12.05 p.m., 18 November 2025

**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

**ANALYSIS REPORT****Data Provided by Customer**

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการเพรส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658939 E 1516199 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68055  
Sample No. : S68055/12  
Sample Type : Sound Level  
Sampling Date : 24 - 25 November 2025  
Received Date : 26 November 2025  
Analytical Date : 26 - 28 November 2025  
Report Date : 01 December 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 02.00 p.m. - 03.00 p.m. | 70.5           | 95.3 | 72.1 | 67.2 |
| 03.00 p.m. - 04.00 p.m. | 71.1           | 94.0 | 73.8 | 68.9 |
| 04.00 p.m. - 05.00 p.m. | 70.6           | 95.2 | 73.6 | 67.1 |
| 05.00 p.m. - 06.00 p.m. | 69.2           | 92.8 | 71.9 | 66.3 |
| 06.00 p.m. - 07.00 p.m. | 67.1           | 91.3 | 70.1 | 64.1 |
| 07.00 p.m. - 08.00 p.m. | 60.5           | 86.9 | 63.0 | 58.0 |
| 08.00 p.m. - 09.00 p.m. | 59.0           | 82.6 | 61.1 | 57.6 |
| 09.00 p.m. - 10.00 p.m. | 59.6           | 84.0 | 62.5 | 56.0 |
| 10.00 p.m. - 11.00 p.m. | 59.1           | 78.9 | 61.8 | 56.1 |
| 11.00 p.m. - 00.00 a.m. | 58.6           | 79.6 | 61.0 | 55.1 |
| 00.00 a.m. - 01.00 a.m. | 58.7           | 78.8 | 62.3 | 54.9 |
| 01.00 a.m. - 02.00 a.m. | 58.3           | 78.9 | 62.0 | 55.0 |
| 02.00 a.m. - 03.00 a.m. | 59.0           | 80.1 | 61.7 | 57.2 |
| 03.00 a.m. - 04.00 a.m. | 59.1           | 81.6 | 61.1 | 57.6 |
| 04.00 a.m. - 05.00 a.m. | 59.8           | 80.7 | 62.4 | 56.8 |
| 05.00 a.m. - 06.00 a.m. | 59.7           | 81.0 | 62.4 | 58.0 |
| 06.00 a.m. - 07.00 a.m. | 60.3           | 82.6 | 62.8 | 57.3 |
| 07.00 a.m. - 08.00 a.m. | 68.6           | 91.6 | 71.3 | 64.8 |
| 08.00 a.m. - 09.00 a.m. | 71.3           | 92.5 | 72.8 | 68.2 |
| 09.00 a.m. - 10.00 a.m. | 73.1           | 95.9 | 75.0 | 69.3 |
| 10.00 a.m. - 11.00 a.m. | 71.5           | 93.2 | 74.0 | 68.5 |
| 11.00 a.m. - 12.00 p.m. | 70.3           | 93.9 | 73.0 | 68.1 |
| 12.00 p.m. - 01.00 p.m. | 66.8           | 91.4 | 69.3 | 64.9 |
| 01.00 p.m. - 02.00 p.m. | 69.3           | 92.9 | 71.5 | 66.3 |
| 24 Hours Average        | 67.6           | -    | 70.0 | 64.6 |
| Lmax                    | -              | 95.9 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 69.3           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SL  
Ca  
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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุดมกาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุดมกาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658939 E 1516199 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 24 - 25 November 2025  
Received Date : 26 November 2025  
Analytical Date : 26 - 28 November 2025  
Report Date : 01 December 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/12  | 24-25/11/2025 | 73.1 <sup>1/</sup>                 | 66.4 <sup>2/</sup>                 | 64.8 <sup>2/</sup>                   | 7.3                              | 10.0     |

**Standard** : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

**Remark** : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 25 November 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 12.45 p.m. - 12.50 p.m., 25 November 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658933 E 1516193 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/3  
Sample Type : Sound Level  
Sampling Date : 01 - 02 December 2025  
Received Date : 03 December 2025  
Analytical Date : 03 - 08 December 2025  
Report Date : 09 December 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |      |      |      |
|-------------------------|----------------|------|------|------|
|                         | Leq            | Lmax | L10  | L90  |
| 10.00 a.m. - 11.00 a.m. | 70.1           | 98.0 | 72.0 | 68.2 |
| 11.00 a.m. - 12.00 p.m. | 70.4           | 93.3 | 71.5 | 68.3 |
| 12.00 p.m. - 01.00 p.m. | 66.5           | 89.1 | 68.2 | 63.5 |
| 01.00 p.m. - 02.00 p.m. | 73.3           | 98.8 | 76.1 | 70.2 |
| 02.00 p.m. - 03.00 p.m. | 71.4           | 95.0 | 72.4 | 68.0 |
| 03.00 p.m. - 04.00 p.m. | 70.0           | 91.1 | 72.1 | 68.6 |
| 04.00 p.m. - 05.00 p.m. | 66.6           | 89.6 | 68.8 | 64.1 |
| 05.00 p.m. - 06.00 p.m. | 67.6           | 86.3 | 69.5 | 65.3 |
| 06.00 p.m. - 07.00 p.m. | 66.4           | 84.1 | 68.0 | 64.4 |
| 07.00 p.m. - 08.00 p.m. | 56.1           | 80.1 | 59.2 | 54.0 |
| 08.00 p.m. - 09.00 p.m. | 59.6           | 79.6 | 61.2 | 57.2 |
| 09.00 p.m. - 10.00 p.m. | 58.4           | 78.5 | 60.4 | 56.0 |
| 10.00 p.m. - 11.00 p.m. | 57.3           | 78.2 | 59.0 | 55.3 |
| 11.00 p.m. - 00.00 a.m. | 57.6           | 78.4 | 59.3 | 55.4 |
| 00.00 a.m. - 01.00 a.m. | 57.5           | 80.4 | 59.5 | 55.8 |
| 01.00 a.m. - 02.00 a.m. | 58.0           | 81.6 | 61.2 | 56.4 |
| 02.00 a.m. - 03.00 a.m. | 58.6           | 79.4 | 61.0 | 56.2 |
| 03.00 a.m. - 04.00 a.m. | 57.1           | 79.0 | 60.8 | 55.6 |
| 04.00 a.m. - 05.00 a.m. | 57.6           | 72.4 | 59.3 | 55.1 |
| 05.00 a.m. - 06.00 a.m. | 58.9           | 73.6 | 60.8 | 56.3 |
| 06.00 a.m. - 07.00 a.m. | 59.0           | 78.8 | 60.5 | 57.0 |
| 07.00 a.m. - 08.00 a.m. | 70.2           | 96.3 | 71.3 | 68.0 |
| 08.00 a.m. - 09.00 a.m. | 72.3           | 94.0 | 74.8 | 70.1 |
| 09.00 a.m. - 10.00 a.m. | 69.6           | 91.1 | 71.4 | 67.0 |
| 24 Hours Average        | 67.3           | -    | 69.3 | 64.9 |
| Lmax                    | -              | 98.8 | -    | -    |
| Standard                | ≤70            | ≤115 | -    | -    |
| Ldn                     | 68.8           | -    | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SL  
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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658933 E 1516193 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 01 - 02 December 2025  
Received Date : 03 December 2025  
Analytical Date : 03 - 08 December 2025  
Report Date : 09 December 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/3   | 01-02/12/2025 | 73.3 <sup>1/</sup>                 | 66.0 <sup>2/</sup>                 | 64.4 <sup>2/</sup>                   | 8.0                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

; Residual Noise Level

<sup>1/</sup> Measurement on 01.00 p.m. - 02.00 p.m., 01 December 2025

<sup>2/</sup> Measurement on 06.20 p.m. - 06.25 p.m., 01 December 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516202 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/6  
Sample Type : Sound Level  
Sampling Date : 11 - 12 December 2025  
Received Date : 15 December 2025  
Analytical Date : 15 - 17 December 2025  
Report Date : 18 December 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |              |             |             |
|-------------------------|----------------|--------------|-------------|-------------|
|                         | Leq            | Lmax         | L10         | L90         |
| 11.00 a.m. - 12.00 p.m. | 70.6           | 101.3        | 72.1        | 68.3        |
| 12.00 p.m. - 01.00 p.m. | 66.0           | 85.2         | 68.9        | 64.1        |
| 01.00 p.m. - 02.00 p.m. | 70.2           | 98.7         | 72.0        | 68.1        |
| 02.00 p.m. - 03.00 p.m. | 74.5           | 107.5        | 76.1        | 71.5        |
| 03.00 p.m. - 04.00 p.m. | 69.7           | 97.2         | 71.2        | 67.0        |
| 04.00 p.m. - 05.00 p.m. | 70.2           | 107.7        | 72.5        | 68.6        |
| 05.00 p.m. - 06.00 p.m. | 68.2           | 88.0         | 71.6        | 66.3        |
| 06.00 p.m. - 07.00 p.m. | 66.5           | 94.6         | 69.0        | 64.1        |
| 07.00 p.m. - 08.00 p.m. | 58.6           | 83.4         | 61.4        | 56.3        |
| 08.00 p.m. - 09.00 p.m. | 54.9           | 72.0         | 56.6        | 51.0        |
| 09.00 p.m. - 10.00 p.m. | 54.5           | 74.3         | 56.6        | 52.1        |
| 10.00 p.m. - 11.00 p.m. | 54.1           | 75.3         | 55.8        | 52.3        |
| 11.00 p.m. - 00.00 a.m. | 53.7           | 75.7         | 55.2        | 50.4        |
| 00.00 a.m. - 01.00 a.m. | 52.7           | 80.8         | 53.8        | 50.6        |
| 01.00 a.m. - 02.00 a.m. | 51.0           | 68.0         | 53.4        | 48.8        |
| 02.00 a.m. - 03.00 a.m. | 51.1           | 67.4         | 53.6        | 49.1        |
| 03.00 a.m. - 04.00 a.m. | 52.7           | 79.0         | 54.0        | 50.3        |
| 04.00 a.m. - 05.00 a.m. | 53.5           | 76.2         | 55.2        | 49.6        |
| 05.00 a.m. - 06.00 a.m. | 55.9           | 85.4         | 57.2        | 54.3        |
| 06.00 a.m. - 07.00 a.m. | 59.3           | 85.6         | 62.1        | 57.5        |
| 07.00 a.m. - 08.00 a.m. | 71.1           | 96.5         | 73.4        | 68.0        |
| 08.00 a.m. - 09.00 a.m. | 70.1           | 90.0         | 73.0        | 68.1        |
| 09.00 a.m. - 10.00 a.m. | 74.0           | 96.3         | 76.2        | 71.2        |
| 10.00 a.m. - 11.00 a.m. | 72.2           | 93.1         | 74.5        | 70.5        |
| <b>24 Hours Average</b> | <b>68.1</b>    | <b>-</b>     | <b>70.2</b> | <b>65.7</b> |
| <b>Lmax</b>             | <b>-</b>       | <b>107.7</b> | <b>-</b>    | <b>-</b>    |
| <b>Standard</b>         | <b>≤70</b>     | <b>≤115</b>  | <b>-</b>    | <b>-</b>    |
| <b>Ldn</b>              | <b>68.7</b>    | <b>-</b>     | <b>-</b>    | <b>-</b>    |

**Standard** : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

**Remark** : SLN

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**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516202 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 11 - 12 December 2025  
Received Date : 15 December 2025  
Analytical Date : 15 -17 December 2025  
Report Date : 18 December 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/6   | 11-12/12/2025 | 74.5 <sup>1/</sup>                 | 66.3 <sup>2/</sup>                 | 64.1 <sup>2/</sup>                   | 9.7                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

; Residual Noise Level

<sup>1/</sup> Measurement on 02.00 p.m. - 03.00 p.m., 11 December 2025

<sup>2/</sup> Measurement on 12.05 p.m. - 12.10 p.m., 11 December 2025



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658935 E 1516199 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/9  
Sample Type : Sound Level  
Sampling Date : 15 - 16 December 2025  
Received Date : 17 December 2025  
Analytical Date : 17 - 19 December 2025  
Report Date : 22 December 2025  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |       |      |      |
|-------------------------|----------------|-------|------|------|
|                         | Leq            | Lmax  | L10  | L90  |
| 12.00 p.m. - 01.00 p.m. | 68.2           | 95.4  | 70.5 | 65.3 |
| 01.00 p.m. - 02.00 p.m. | 70.0           | 92.1  | 72.0 | 68.0 |
| 02.00 p.m. - 03.00 p.m. | 71.6           | 96.0  | 73.3 | 68.1 |
| 03.00 p.m. - 04.00 p.m. | 72.2           | 93.3  | 74.1 | 70.2 |
| 04.00 p.m. - 05.00 p.m. | 72.4           | 95.8  | 74.0 | 70.0 |
| 05.00 p.m. - 06.00 p.m. | 71.6           | 90.9  | 75.4 | 68.3 |
| 06.00 p.m. - 07.00 p.m. | 68.1           | 98.2  | 70.0 | 66.1 |
| 07.00 p.m. - 08.00 p.m. | 60.3           | 99.2  | 62.3 | 58.0 |
| 08.00 p.m. - 09.00 p.m. | 59.0           | 89.2  | 63.0 | 57.2 |
| 09.00 p.m. - 10.00 p.m. | 59.4           | 80.4  | 62.2 | 57.0 |
| 10.00 p.m. - 11.00 p.m. | 58.3           | 79.6  | 60.4 | 57.1 |
| 11.00 p.m. - 00.00 a.m. | 58.6           | 78.8  | 60.8 | 56.0 |
| 00.00 a.m. - 01.00 a.m. | 58.7           | 79.0  | 60.3 | 56.3 |
| 01.00 a.m. - 02.00 a.m. | 59.1           | 78.2  | 61.1 | 57.1 |
| 02.00 a.m. - 03.00 a.m. | 59.2           | 80.1  | 61.0 | 57.0 |
| 03.00 a.m. - 04.00 a.m. | 59.0           | 80.3  | 62.5 | 56.3 |
| 04.00 a.m. - 05.00 a.m. | 58.7           | 81.1  | 62.0 | 56.0 |
| 05.00 a.m. - 06.00 a.m. | 58.2           | 82.0  | 60.7 | 55.8 |
| 06.00 a.m. - 07.00 a.m. | 60.4           | 86.3  | 62.3 | 57.1 |
| 07.00 a.m. - 08.00 a.m. | 68.3           | 90.3  | 70.2 | 65.3 |
| 08.00 a.m. - 09.00 a.m. | 71.0           | 94.3  | 73.6 | 68.0 |
| 09.00 a.m. - 10.00 a.m. | 74.1           | 100.2 | 76.0 | 71.1 |
| 10.00 a.m. - 11.00 a.m. | 73.3           | 95.0  | 76.1 | 70.2 |
| 11.00 a.m. - 12.00 p.m. | 71.6           | 96.3  | 73.6 | 68.2 |
| 24 Hours Average        | 68.7           | -     | 70.9 | 65.9 |
| Lmax                    | -              | 100.2 | -    | -    |
| Standard                | ≤70            | ≤115  | -    | -    |
| Ldn                     | 70.0           | -     | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340912  
Calibrator Model and Serial No. : KSM-42C and S/N 160100568





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658935 E 1516199 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 15 - 16 December 2025  
Received Date : 17 December 2025  
Analytical Date : 17 - 19 December 2025  
Report Date : 22 December 2025  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/9   | 15-16/12/2025 | 74.1 <sup>1/</sup>                 | 68.1 <sup>2/</sup>                 | 66.2 <sup>2/</sup>                   | 6.6                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

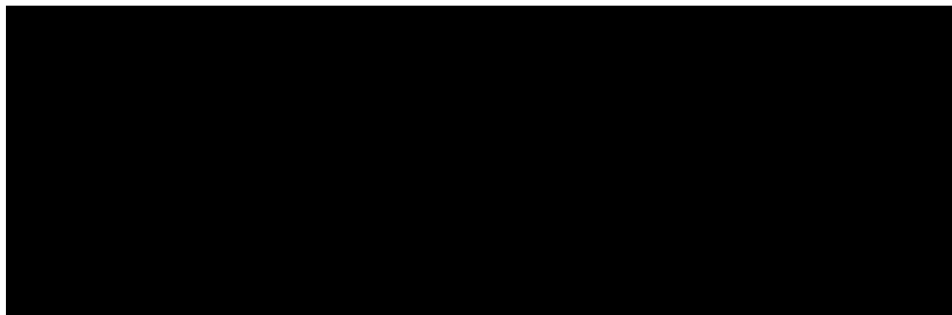
Remark : Unit of Measurement is dB(A)

Specific Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 16 December 2025

; Residual Noise Level

<sup>2/</sup> Measurement on 06.10 p.m. - 06.15 p.m., 15 December 2025





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516202 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/12  
Sample Type : Sound Level  
Sampling Date : 25 - 26 December 2025  
Received Date : 05 January 2026  
Analytical Date : 05 - 07 January 2026  
Report Date : 08 January 2026  
Measurement Method : Sound Level Meter

| Interval Time           | Result (dB(A)) |       |      |      |
|-------------------------|----------------|-------|------|------|
|                         | Leq            | Lmax  | L10  | L90  |
| 10.00 a.m. - 11.00 p.m. | 72.0           | 98.3  | 74.1 | 70.5 |
| 11.00 a.m. - 12.00 p.m. | 71.4           | 92.3  | 72.5 | 68.2 |
| 12.00 p.m. - 01.00 p.m. | 67.5           | 88.4  | 69.5 | 65.3 |
| 01.00 p.m. - 02.00 p.m. | 70.6           | 92.6  | 72.0 | 68.0 |
| 02.00 p.m. - 03.00 p.m. | 72.5           | 100.4 | 74.1 | 70.1 |
| 03.00 p.m. - 04.00 p.m. | 73.2           | 95.6  | 76.5 | 70.6 |
| 04.00 p.m. - 05.00 p.m. | 70.0           | 95.0  | 72.1 | 68.2 |
| 05.00 p.m. - 06.00 p.m. | 69.5           | 96.3  | 71.2 | 67.0 |
| 06.00 p.m. - 07.00 p.m. | 67.8           | 94.1  | 69.1 | 64.3 |
| 07.00 p.m. - 08.00 p.m. | 59.6           | 78.5  | 62.1 | 57.2 |
| 08.00 p.m. - 09.00 p.m. | 59.4           | 79.4  | 61.3 | 57.0 |
| 09.00 p.m. - 10.00 p.m. | 59.8           | 78.0  | 61.7 | 57.1 |
| 10.00 p.m. - 11.00 p.m. | 59.0           | 79.2  | 61.0 | 57.3 |
| 11.00 p.m. - 00.00 a.m. | 59.8           | 70.4  | 60.8 | 57.8 |
| 00.00 a.m. - 01.00 a.m. | 58.6           | 75.6  | 60.4 | 56.2 |
| 01.00 a.m. - 02.00 a.m. | 58.4           | 74.1  | 62.3 | 56.4 |
| 02.00 a.m. - 03.00 a.m. | 58.0           | 78.3  | 61.4 | 56.0 |
| 03.00 a.m. - 04.00 a.m. | 58.1           | 78.0  | 61.0 | 55.3 |
| 04.00 a.m. - 05.00 a.m. | 59.3           | 79.2  | 61.8 | 57.2 |
| 05.00 a.m. - 06.00 a.m. | 58.7           | 80.1  | 60.4 | 56.2 |
| 06.00 a.m. - 07.00 a.m. | 62.1           | 83.4  | 64.3 | 61.1 |
| 07.00 a.m. - 08.00 a.m. | 69.5           | 89.6  | 72.3 | 66.3 |
| 08.00 a.m. - 09.00 a.m. | 72.6           | 95.3  | 74.5 | 70.1 |
| 09.00 a.m. - 10.00 a.m. | 73.8           | 102.4 | 76.0 | 71.1 |
| 24 Hours Average        | 68.5           | -     | 70.7 | 66.1 |
| Lmax                    | -              | 102.4 | -    | -    |
| Standard                | ≤70            | ≤115  | -    | -    |
| Ldn                     | 70.0           | -     | -    | -    |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340912

Calib

Calib



**TNP ENVIRONMENT CO.,LTD.**

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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศใต้ บริเวณนอกกำแพงกันเสียง  
GPS. Coordinate : 47P 658943 E 1516202 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample Type : Annoyance Level  
Sampling Date : 25 - 26 December 2025  
Received Date : 05 January 2026  
Analytical Date : 05 - 07 January 2026  
Report Date : 08 January 2026  
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific<br>Noise Level : $L_{eq}$ | Residual<br>Noise Level : $L_{eq}$ | Background<br>Noise Level : $L_{90}$ | The Values of<br>Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68055/12  | 25-26/12/2025 | 73.8 <sup>1/</sup>                 | 67.8 <sup>2/</sup>                 | 65.3 <sup>2/</sup>                   | 7.2                              | 10.0     |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E.2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

; Residual Noise Level

<sup>1/</sup> Measurement on 09.00 a.m. - 10.00 a.m., 26 December 2025

<sup>2/</sup> Measurement on 12.15 p.m. - 12.20 p.m., 25 December 2025

ความสิ้นสະเทือน







TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอลพีเอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658926 E 1516201 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/4  
Sample Type : Vibration  
Sampling Date : 01 - 02 July 2025  
Received Date : 03 July 2025  
Analytical Date : 03 - 07 July 2025  
Report Date : 08 July 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 p.m. - 03.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 p.m. - 04.00 p.m. | 0.625         | 2.3       | 0.896         | 5.9       | 0.145         | 1.3       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.892         | 5.9       | 0.415         | 6.1       | 0.236         | 3.6       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 1.021         | 6.7       | 0.877         | 5.4       | 0.631         | 4.3       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | 0.015         | 1.1       | 0.114         | 2.3       | 0.052         | 3.3       | $f \leq 10$ | 5.000         |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | 0.125         | 1.0       | 0.320         | 6.3       | 0.415         | 2.2       | $f \leq 10$ | 5.000         |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 a.m. - 10.00 a.m. | 0.514         | 6.3       | 0.811         | 3.3       | 0.841         | 4.1       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.415         | 2.3       | 0.947         | 6.3       | 0.425         | 5.2       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.871         | 6.3       | 1.125         | 4.1       | 0.252         | 3.3       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.125         | 4.1       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality

Remark :



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เพลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658926 E 1516201 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/7  
Sample Type : Vibration  
Sampling Date : 09 - 10 July 2025  
Received Date : 11 July 2025  
Analytical Date : 11 - 16 July 2025  
Report Date : 17 July 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 p.m. - 03.00 p.m. | 0.698         | 5.9       | 0.814         | 8.7       | 0.250         | 3.3       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.415         | 1.2       | 0.236         | 3.3       | 0.325         | 5.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 p.m. - 06.00 p.m. | 0.152         | 3.3       | 0.415         | 5.4       | 0.260         | 3.7       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | 0.012         | 2.3       | 0.125         | 1.1       | 0.052         | 2.3       | $f \leq 10$ | 5.000         |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.636         | 5.4       | 1.201         | 6.8       | 0.152         | 3.3       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.514         | 3.3       | 0.950         | 5.4       | 0.236         | 4.1       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.125         | 4.1       | 0.664         | 6.3       | 0.415         | 5.1       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.536         | 3.6       | 0.415         | 4.8       | 0.142         | 1.2       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.201         | 6.8       | -             | -         | $f \leq 10$ | 5.000         |

Standard : N

Remark : N

Environmental Quality



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658937 E 1516195 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

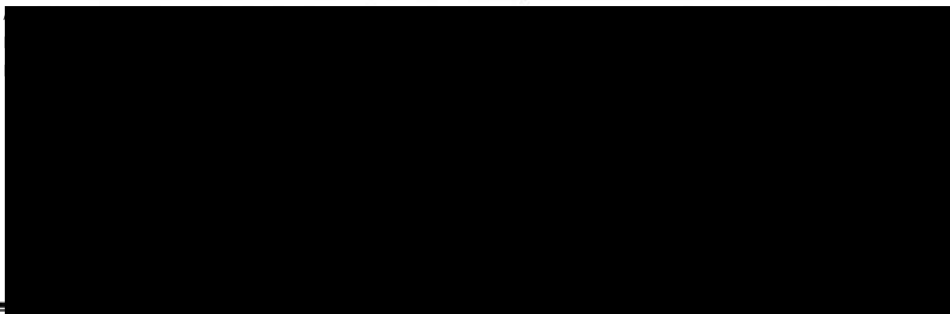
### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/10  
Sample Type : Vibration  
Sampling Date : 14 - 15 July 2025  
Received Date : 16 July 2025  
Analytical Date : 16 - 18 July 2025  
Report Date : 21 July 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.821         | 3.3       | 1.025         | 9.4       | 0.145         | 3.3       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 p.m. - 05.00 p.m. | 0.142         | 5.4       | 0.663         | 5.7       | 0.245         | 2.1       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.521         | 3.6       | 0.455         | 7.6       | 0.314         | 5.0       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.636         | 3.2       | 0.815         | 6.9       | 0.252         | 4.5       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | 0.847         | 5.9       | 0.947         | 9.1       | 0.456         | 3.3       | $f \leq 10$ | 5.000         |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.125         | 2.2       | 0.144         | 5.6       | 0.041         | 1.5       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 a.m. - 11.00 a.m. | 0.526         | 3.6       | 0.614         | 6.7       | 0.847         | 5.6       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.415         | 5.1       | 0.748         | 5.2       | 0.146         | 3.3       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.325         | 3.3       | 0.899         | 8.7       | 0.652         | 5.7       | $f \leq 10$ | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.152         | 2.3       | 0.748         | 6.0       | 0.514         | 4.2       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.025         | 9.4       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality

Remark :







TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุดากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุดากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658937 E 1516202 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/13  
Sample Type : Vibration  
Sampling Date : 23 - 24 July 2025  
Received Date : 25 July 2025  
Analytical Date : 25 - 29 July 2025  
Report Date : 30 July 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 03.00 p.m. - 04.00 p.m. | 0.658         | 3.3       | 0.759         | 5.4       | 0.214         | 4.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.125         | 4.6       | 0.864         | 9.8       | 0.415         | 2.3       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 p.m. - 07.00 p.m. | 0.325         | 5.3       | 0.681         | 4.9       | 0.514         | 2.8       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | 0.012         | 2.3       | 0.145         | 6.3       | 0.125         | 3.3       | $f \leq 10$ | 5.000         |
| 08.00 a.m. - 09.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 a.m. - 10.00 a.m. | 0.253         | 5.5       | 0.841         | 7.8       | 0.526         | 2.3       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.315         | 5.7       | 0.650         | 6.9       | 0.456         | 5.1       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 12.00 a.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 p.m. | 0.325         | 4.8       | 0.982         | 8.8       | 0.451         | 3.6       | $f \leq 10$ | 5.000         |
| 02.00 a.m. - 03.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 24 Hour Maximum         | -             | -         | 0.982         | 8.8       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69, dated June 2 B.E. 2553 (2010)

Remark :







TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658937 E 1516202 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/16  
Sample Type : Vibration  
Sampling Date : 28 - 29 July 2025  
Received Date : 30 July 2025  
Analytical Date : 30 July - 01 August 2025  
Report Date : 04 August 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.614         | 8.7       | 0.814         | 3.6       | 0.415         | 4.5       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.233         | 3.6       | 0.971         | 8.9       | 0.514         | 5.4       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.414         | 5.4       | 0.858         | 8.7       | 0.254         | 3.0       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.363         | 4.6       | 0.781         | 3.5       | 0.335         | 6.6       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 p.m. - 07.00 p.m. | 0.877         | 6.9       | 0.714         | 6.6       | 0.451         | 2.5       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | 0.221         | 3.3       | 0.625         | 9.4       | 0.365         | 4.5       | $f \leq 10$ | 5.000         |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.396         | 5.6       | 0.415         | 4.5       | 0.520         | 3.1       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.525         | 6.7       | 0.814         | 3.9       | 0.251         | 4.8       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.415         | 5.8       | 0.625         | 4.1       | 0.145         | 6.7       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.325         | 8.4       | 0.887         | 8.9       | 0.452         | 6.9       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 0.971         | 8.9       | -             | -         | $f \leq 10$ | 5.000         |

Standard : [REDACTED] Environmental Quality

Remark : [REDACTED]



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658914 E 1516208 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/4  
Sample Type : Vibration  
Sampling Date : 07 – 08 August 2025  
Received Date : 11 August 2025  
Analytical Date : 11 – 13 August 2025  
Report Date : 14 August 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 01.00 p.m. - 02.00 p.m. | 0.236         | 5.3       | 0.658         | 6.8       | 0.514         | 3.6       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.127         | 6.9       | 0.887         | 5.9       | 0.415         | 6.1       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.236         | 6.3       | 0.911         | 8.9       | 0.360         | 4.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.415         | 7.7       | 0.748         | 5.6       | 0.523         | 6.2       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | 0.363         | 5.6       | 0.758         | 4.8       | 0.236         | 6.3       | $f \leq 10$ | 5.000         |
| 07.00 a.m. - 08.00 a.m. | 0.415         | 8.5       | 0.889         | 4.1       | 0.625         | 3.6       | $f \leq 10$ | 5.000         |
| 08.00 a.m. - 09.00 a.m. | 0.336         | 6.1       | 1.022         | 6.3       | 0.458         | 5.3       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.451         | 8.5       | 0.974         | 8.6       | 0.363         | 6.4       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 a.m. - 12.00 p.m. | 0.255         | 6.8       | 0.871         | 6.5       | 0.362         | 4.1       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 24 Hour Maximum         | -             | -         | 1.022         | 6.3       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of Vibration (N.V.) Act B.E. 2552  
Remark : N/A = No data  
PPV = Peak-to-Peak Vibration



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658914 E 1516208 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/7  
Sample Type : Vibration  
Sampling Date : 14 - 15 August 2025  
Received Date : 18 August 2025  
Analytical Date : 18 - 20 August 2025  
Report Date : 21 August 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.751         | 6.3       | 0.941         | 5.6       | 0.366         | 2.3       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.314         | 5.8       | 0.744         | 6.3       | 0.455         | 6.1       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.582         | 6.7       | 0.782         | 5.8       | 0.365         | 5.6       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.411         | 6.8       | 0.569         | 4.1       | 0.125         | 3.3       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.456         | 6.9       | 0.852         | 7.4       | 0.614         | 6.5       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.326         | 5.7       | 0.780         | 6.5       | 0.325         | 7.4       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.526         | 6.4       | 0.969         | 5.7       | 0.256         | 3.6       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.478         | 6.5       | 0.858         | 6.3       | 0.485         | 7.9       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 0.969         | 5.7       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Policy (No. 33 B.E. 2559 (2016)) Under the Environmental Conservation and Control of National Environmental Quality

Remark :





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658902 E 1516206 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/10  
Sample Type : Vibration  
Sampling Date : 20 - 21 August 2025  
Received Date : 22 August 2025  
Analytical Date : 22 - 26 August 2025  
Report Date : 27 August 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.311         | 3.6       | 0.819         | 6.3       | 0.366         | 4.1       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.514         | 5.6       | 0.914         | 4.8       | 0.411         | 3.7       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.451         | 6.4       | 0.884         | 5.4       | 0.327         | 6.1       | $f \leq 10$ | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.336         | 5.5       | 1.033         | 9.1       | 0.624         | 7.8       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.448         | 6.9       | 0.877         | 5.8       | 0.458         | 5.1       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 p.m. - 05.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | 0.326         | 5.4       | 0.981         | 4.8       | 0.226         | 5.1       | $f \leq 10$ | 5.000         |
| 05.00 a.m. - 06.00 a.m. | 0.626         | 8.7       | 0.911         | 5.1       | 0.462         | 6.5       | $f \leq 10$ | 5.000         |
| 06.00 a.m. - 07.00 a.m. | 0.631         | 4.8       | 1.002         | 8.7       | 0.325         | 4.1       | $f \leq 10$ | 5.000         |
| 07.00 a.m. - 08.00 a.m. | 0.701         | 6.7       | 1.084         | 6.3       | 0.415         | 5.4       | $f \leq 10$ | 5.000         |
| 08.00 a.m. - 09.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 a.m. - 10.00 a.m. | 0.154         | 2.1       | 0.899         | 5.6       | 0.624         | 4.0       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.084         | 6.3       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010).

Remark : N/A  
PPV =





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658902 E 1516206 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/13  
Sample Type : Vibration  
Sampling Date : 25 - 26 August 2025  
Received Date : 27 August 2025  
Analytical Date : 27 - 29 August 2025  
Report Date : 01 September 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.415         | 5.6       | 0.915         | 8.4       | 0.536         | 3.6       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.623         | 4.5       | 0.858         | 5.6       | 0.414         | 5.2       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.362         | 5.1       | 0.714         | 6.3       | 0.522         | 6.9       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.236         | 4.1       | 1.026         | 8.9       | 0.474         | 5.8       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.332         | 7.8       | 0.895         | 8.7       | 0.614         | 5.4       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.264         | 6.1       | 0.685         | 3.6       | 0.142         | 4.1       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.366         | 5.6       | 0.895         | 4.5       | 0.362         | 4.7       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.455         | 6.8       | 0.988         | 6.7       | 0.477         | 5.1       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.326         | 6.5       | 0.844         | 9.1       | 0.633         | 5.8       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.026         | 8.9       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992)

Remark : N/A =  
PPV =

**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

**ANALYSIS REPORT****Data Provided by Customer**

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658919 E 1516214 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68055  
Sample No. : S68055/4  
Sample Type : Vibration  
Sampling Date : 03 - 04 September 2025  
Received Date : 05 September 2025  
Analytical Date : 05 - 09 September 2025  
Report Date : 10 September 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard          |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)         | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 11.00 a.m. - 12.00 p.m. | 0.631         | >100      | 3.381         | 64.0      | 1.616         | 64.0      | $50 < f \leq 100$ | 16.400        |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 01.00 p.m. - 02.00 p.m. | 0.300         | > 100     | 0.835         | > 100     | 2.593         | > 100     | $f > 100$         | 20.000        |
| 02.00 p.m. - 03.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 03.00 p.m. - 04.00 p.m. | 0.678         | > 100     | 1.411         | > 100     | 0.757         | > 100     | $f > 100$         | 20.000        |
| 04.00 p.m. - 05.00 p.m. | 0.465         | > 100     | 1.237         | > 100     | 0.772         | > 100     | $f > 100$         | 20.000        |
| 05.00 p.m. - 06.00 p.m. | 0.749         | 73.0      | 0.914         | 73.0      | 0.418         | 73.0      | $50 < f \leq 100$ | 17.300        |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 07.00 p.m. - 08.00 p.m. | 0.244         | > 100     | 0.717         | > 100     | 0.110         | > 100     | $f > 100$         | 20.000        |
| 08.00 p.m. - 09.00 p.m. | 0.544         | > 100     | 1.269         | > 100     | 0.717         | > 100     | $f > 100$         | 20.000        |
| 09.00 p.m. - 10.00 p.m. | 0.552         | > 100     | 2.026         | > 100     | 0.307         | > 100     | $f > 100$         | 20.000        |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 07.00 a.m. - 08.00 a.m. | 0.536         | 85.0      | 1.182         | 47.0      | 0.757         | > 100     | $10 < f \leq 50$  | 14.250        |
| 08.00 a.m. - 09.00 a.m. | 0.749         | 85.0      | 1.182         | > 100     | 0.820         | > 100     | $f > 100$         | 20.000        |
| 09.00 a.m. - 10.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 24 Hour Maximum         | -             | -         | 3.381         | 64.0      | -             | -         | $50 < f \leq 100$ | 16.400        |

Standard : Notification

Act B

Remark : N/A

PPV

Environmental Quality





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658916 E 1516205 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/7  
Sample Type : Vibration  
Sampling Date : 08 - 09 September 2025  
Received Date : 10 September 2025  
Analytical Date : 10 - 12 September 2025  
Report Date : 15 September 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard          |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)         | PPV<br>(mm/s) |
| 02.00 p.m. - 03.00 p.m. | 1.135         | 47.0      | 2.325         | 57.0      | 1.001         | 73.0      | $50 < f \leq 100$ | 15.700        |
| 03.00 p.m. - 04.00 p.m. | 0.465         | 9.3       | 2.018         | 6.0       | 0.686         | 4.8       | $f \leq 10$       | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.402         | 20.0      | 1.143         | 20.0      | 0.670         | 28.0      | $10 < f \leq 50$  | 7.500         |
| 05.00 p.m. - 06.00 p.m. | 2.065         | 23.0      | 3.697         | 37.0      | 0.914         | 23.0      | $10 < f \leq 50$  | 11.750        |
| 06.00 p.m. - 07.00 p.m. | 2.104         | 51.0      | 4.122         | 37.0      | 2.207         | 32.0      | $10 < f \leq 50$  | 11.750        |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 08.00 a.m. - 09.00 a.m. | 0.504         | > 100     | 0.512         | > 100     | 0.410         | > 100     | $f > 100$         | 20.000        |
| 09.00 a.m. - 10.00 a.m. | 0.292         | 57.0      | 0.788         | 85.0      | 0.197         | > 100     | $50 < f \leq 100$ | 18.500        |
| 10.00 a.m. - 11.00 a.m. | 0.434         | > 100     | 1.072         | > 100     | 0.418         | > 100     | $f > 100$         | 20.000        |
| 11.00 a.m. - 12.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 01.00 p.m. - 02.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 24 Hour Maximum         | -             | -         | 4.122         | 37.0      | -             | -         | $10 < f \leq 50$  | 11.750        |

Standard : Notification

Act B.E.

Remark : N/A =

PPV =

Environmental Quality

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : ภายในโครงการด้านทิศเหนือ  
 GPS. Coordinate : 47P 658913 E 1516209 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68055  
 Sample No. : S68055/10  
 Sample Type : Vibration  
 Sampling Date : 15 - 16 September 2025  
 Received Date : 17 September 2025  
 Analytical Date : 17 - 19 September 2025  
 Report Date : 22 September 2025  
 Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard          |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)         | PPV<br>(mm/s) |
| 11.00 a.m. - 12.00 p.m. | 0.252         | 3.8       | 0.189         | 4.7       | 0.166         | 5.2       | $f \leq 10$       | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.063         | 33.0      | 0.260         | 12.6      | 0.079         | 22.0      | $10 < f \leq 50$  | 5.650         |
| 01.00 p.m. - 02.00 p.m. | 0.780         | 79.0      | 1.017         | 85.0      | 0.812         | 93.0      | $50 < f \leq 100$ | 18.500        |
| 02.00 p.m. - 03.00 p.m. | 0.418         | 13.3      | 0.457         | 7.9       | 0.977         | 11.4      | $10 < f \leq 50$  | 5.350         |
| 03.00 p.m. - 04.00 p.m. | 2.112         | 39.0      | 3.728         | 41.0      | 3.082         | 32.0      | $10 < f \leq 50$  | 12.750        |
| 04.00 p.m. - 05.00 p.m. | 0.552         | 79.0      | 0.583         | 79.0      | 0.654         | > 100     | $f > 100$         | 20.000        |
| 05.00 p.m. - 06.00 p.m. | 0.851         | 38.0      | 1.521         | 68.0      | 1.781         | 60.0      | $50 < f \leq 100$ | 16.000        |
| 06.00 p.m. - 07.00 p.m. | 0.402         | > 100     | 0.567         | > 100     | 1.442         | > 100     | $f > 100$         | 20.000        |
| 07.00 p.m. - 08.00 p.m. | 0.095         | 24.0      | 0.221         | 27.0      | 0.118         | 31.0      | $10 < f \leq 50$  | 9.250         |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 06.00 a.m. - 07.00 a.m. | 0.055         | 68.0      | 0.142         | 20.0      | 0.071         | 35.0      | $10 < f \leq 50$  | 7.500         |
| 07.00 a.m. - 08.00 a.m. | 0.087         | 33.0      | 0.835         | 22.0      | 0.236         | 21.0      | $10 < f \leq 50$  | 8.000         |
| 08.00 a.m. - 09.00 a.m. | 0.339         | 79.0      | 0.544         | > 100     | 0.828         | > 100     | $f > 100$         | 20.000        |
| 09.00 a.m. - 10.00 a.m. | 0.497         | 68.0      | 0.504         | 79.0      | 0.717         | > 100     | $f > 100$         | 20.000        |
| 10.00 a.m. - 11.00 a.m. | 0.276         | 73.0      | 0.583         | 49.0      | 0.378         | > 100     | $10 < f \leq 50$  | 14.750        |
| 24 Hour Maximum         | -             | -         | 3.728         | 41.0      | -             | -         | $10 < f \leq 50$  | 12.750        |

**Standard :** Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 s, dated June 2 B.E. 2553 (2010).

**Remark :** N/A  
PPV





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658902 E 1516206 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/13  
Sample Type : Vibration  
Sampling Date : 23 - 24 September 2025  
Received Date : 25 September 2025  
Analytical Date : 25 - 29 September 2025  
Report Date : 30 September 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 05.00 p.m. - 06.00 p.m. | 0.536         | 5.6       | 0.884         | 8.9       | 0.265         | 1.5       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.125         | 4.5       | 0.814         | 5.3       | 0.322         | 4.1       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.744         | 8.1       | 1.024         | 10.0      | 0.514         | 4.5       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.662         | 4.5       | 1.223         | 8.7       | 0.622         | 6.0       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.151         | 4.1       | 0.854         | 4.5       | 0.325         | 5.2       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.326         | 5.0       | 0.544         | 5.8       | 0.325         | 3.3       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.151         | 4.5       | 0.877         | 6.2       | 0.326         | 4.1       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.332         | 4.5       | 1.100         | 8.9       | 0.315         | 5.1       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.588         | 5.1       | 0.947         | 7.5       | 0.628         | 4.2       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.326         | 6.3       | 0.998         | 7.1       | 0.740         | 5.8       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.223         | 8.7       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010) Under the Enhancement and Conservation of National Environmental Quality

Act B.E.

Remark : N/A = N

PPV = P



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658938 E 1516196 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/4  
Sample Type : Vibration  
Sampling Date : 02 - 03 October 2025  
Received Date : 06 October 2025  
Analytical Date : 06 - 08 October 2025  
Report Date : 09 October 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |                 | Longitudinal  |           | Standard                       |               |
|-------------------------|---------------|-----------|---------------|-----------------|---------------|-----------|--------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)       | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                      | PPV<br>(mm/s) |
| 11.00 a.m. - 12.00 p.m. | 0.229         | 3.3       | 0.418         | 4.2             | 0.166         | 3.1       | $f \leq 10$                    | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 01.00 p.m. - 02.00 p.m. | 0.252         | 6.2       | 0.694         | > 100           | 0.284         | 73.0      | $f > 100$                      | 20.000        |
| 02.00 p.m. - 03.00 p.m. | 0.363         | 1.9       | 0.378         | 5.5             | 0.276         | 1.7       | $f \leq 10$                    | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.268         | 2.3       | 0.457         | 4.6             | 0.181         | 3.1       | $f \leq 10$                    | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.449         | 2.5       | 0.426         | 4.0             | 0.307         | 3.5       | $f \leq 10$                    | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.173         | 4.6       | 0.457         | > 100           | 0.315         | > 100     | $f > 100$                      | 20.000        |
| 06.00 p.m. - 07.00 p.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 06.00 a.m. - 07.00 a.m. | 0.158         | 2.0       | 0.449         | 32.0            | 0.087         | 4.1       | $10 < f \leq 50$               | 10.500        |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 08.00 a.m. - 09.00 a.m. | 0.142         | 3.5       | 0.434         | > 100           | 0.173         | > 100     | $f > 100$                      | 20.000        |
| 09.00 a.m. - 10.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| 10.00 a.m. - 11.00 a.m. | N/A           | N/A       | N/A           | N/A             | N/A           | N/A       | -                              | -             |
| <b>24 Hour Maximum</b>  | -             | -         | <b>0.694</b>  | <b>&gt; 100</b> | -             | -         | <b><math>f &gt; 100</math></b> | <b>20.000</b> |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010).

Remark : N/A  
PPV





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : ภายในโครงการด้านทิศเหนือ  
 GPS. Coordinate : 47P 658911 E 1516207 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
 Sample No. : S68055/7  
 Sample Type : Vibration  
 Sampling Date : 10 - 11 October 2025  
 Received Date : 13 October 2025  
 Analytical Date : 13 - 15 October 2025  
 Report Date : 16 October 2025  
 Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard          |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)         | PPV<br>(mm/s) |
| 03.00 p.m. - 04.00 p.m. | 0.620         | 5.8       | 0.988         | 6.0       | 0.711         | 4.8       | $f \leq 10$       | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.758         | >100      | 1.253         | 51.2      | 0.841         | 22.1      | $50 < f \leq 100$ | 15.120        |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 06.00 p.m. - 07.00 p.m. | 0.415         | > 100     | 0.990         | > 100     | 0.145         | 5.3       | $f > 100$         | 20.000        |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 08.00 a.m. - 09.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                 | -             |
| 09.00 a.m. - 10.00 a.m. | 0.326         | 2.3       | 1.102         | 10.4      | 0.422         | > 100     | $10 < f \leq 50$  | 5.100         |
| 10.00 a.m. - 11.00 a.m. | 0.362         | 5.8       | 0.988         | 11.6      | 0.415         | 10.0      | $10 < f \leq 50$  | 5.400         |
| 11.00 a.m. - 12.00 p.m. | 0.895         | 7.3       | 0.910         | 6.8       | 0.514         | 5.9       | $f \leq 10$       | 5.000         |
| 12.00 p.m. - 01.00 p.m. | 0.627         | 8.5       | 0.787         | 7.1       | 0.615         | 6.0       | $f \leq 10$       | 5.000         |
| 01.00 p.m. - 02.00 p.m. | 0.814         | 9.4       | 1.025         | 6.3       | 0.700         | 4.5       | $f \leq 10$       | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.651         | 6.2       | 1.152         | 8.7       | 0.564         | 5.6       | $f \leq 10$       | 5.000         |
| 24 Hour Maximum         | -             | -         | 1.253         | 51.2      | -             | -         | $50 < f \leq 100$ | 15.120        |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 60 + dated June 2 B.E. 2553 (2010).

Remark : N/A =  
 PPV =



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658911 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

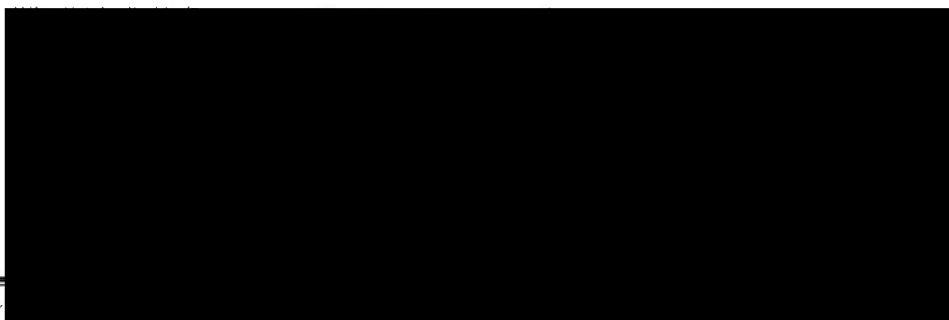
### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/10  
Sample Type : Vibration  
Sampling Date : 14 - 15 October 2025  
Received Date : 16 October 2025  
Analytical Date : 16 - 20 October 2025  
Report Date : 21 October 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.262         | 4.5       | 1.562         | 5.6       | 0.326         | 6.0       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.125         | 3.3       | 0.845         | 4.0       | 0.415         | 3.3       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.210         | 2.2       | 0.514         | 3.3       | 0.241         | 2.1       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.326         | 4.5       | 0.625         | 6.5       | 0.125         | 4.5       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.846         | 6.3       | 1.689         | 10.0      | 0.565         | 6.3       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.562         | 4.1       | 2.300         | 8.7       | 0.451         | 5.0       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.326         | 5.8       | 1.230         | 6.0       | 0.310         | 3.3       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.125         | 3.3       | 0.898         | 7.4       | 0.221         | 4.0       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.256         | 5.6       | 1.236         | 6.3       | 0.142         | 4.2       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.125         | 6.1       | 2.012         | 8.9       | 0.251         | 6.4       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.300         | 8.7       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010).

Remark :



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Page 1/1

TNP-FM-110 Rev.01/ 30/09/2567





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658911 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/13  
Sample Type : Vibration  
Sampling Date : 20 - 21 October 2025  
Received Date : 22 October 2025  
Analytical Date : 22 - 27 October 2025  
Report Date : 28 October 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.526         | 5.0       | 2.012         | 8.4       | 0.451         | 6.3       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.412         | 6.3       | 1.855         | 5.6       | 0.623         | 6.5       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.332         | 3.3       | 0.898         | 7.0       | 0.125         | 3.3       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.152         | 1.2       | 1.023         | 10.0      | 0.362         | 2.3       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.787         | 2.3       | 1.256         | 5.0       | 0.565         | 4.8       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.514         | 6.3       | 2.201         | 9.0       | 0.614         | 7.1       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.415         | 4.5       | 1.211         | 6.3       | 0.326         | 6.3       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.325         | 5.0       | 0.941         | 4.5       | 0.451         | 4.0       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.326         | 5.4       | 0.989         | 8.0       | 0.415         | 4.1       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.265         | 4.8       | 1.025         | 6.3       | 0.323         | 3.6       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.201         | 9.0       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010). Under the Enhancement and Conservation of National Environmental Quality Act B.

Remark : N/A =  
PPV =



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658925 E 1516207 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/17  
Sample Type : Vibration  
Sampling Date : 27 - 28 October 2025  
Received Date : 29 October 2025  
Analytical Date : 29 - 31 October 2025  
Report Date : 03 November 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.514         | 7.5       | 0.898         | 8.9       | 0.452         | 5.4       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.628         | 3.6       | 2.141         | 10.0      | 0.744         | 5.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.451         | 5.2       | 1.484         | 8.4       | 0.433         | 4.1       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.315         | 3.3       | 1.025         | 5.3       | 0.353         | 5.0       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.251         | 4.5       | 1.236         | 6.4       | 0.231         | 3.4       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.536         | 5.3       | 2.021         | 8.7       | 0.411         | 4.1       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.363         | 4.1       | 1.525         | 6.3       | 0.327         | 5.2       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.447         | 5.2       | 1.421         | 8.0       | 0.521         | 4.3       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.244         | 3.6       | 0.987         | 4.3       | 0.362         | 6.2       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.487         | 6.3       | 1.052         | 7.1       | 0.422         | 6.1       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.141         | 10.0      | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010) Under the Enhancement and Conservation of National Environmental Quality

Act

Remark : N/A

PPV



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

**ANALYSIS REPORT**

## Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : ภายในโครงการด้านทิศเหนือ  
 GPS. Coordinate : 47P 658964 E 1516188 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

## Data Provided by Laboratory

Report No. : S68055  
 Sample No. : S68055/4  
 Sample Type : Vibration  
 Sampling Date : 03 - 04 November 2025  
 Received Date : 05 November 2025  
 Analytical Date : 05 - 07 November 2025  
 Report Date : 10 November 2025  
 Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard         |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)        | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.326         | 5.6       | 2.214         | 9.4       | 0.221         | 5.1       | $f \leq 10$      | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.241         | 10.6      | 1.232         | 9.0       | 0.125         | 3.0       | $f \leq 10$      | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 01.00 p.m. - 02.00 p.m. | 0.655         | 8.9       | 2.014         | 10.0      | 0.326         | 6.9       | $f \leq 10$      | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.215         | 7.0       | 1.141         | 6.3       | 0.256         | 5.0       | $f \leq 10$      | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.326         | 8.0       | 2.021         | 13.6      | 0.251         | 5.6       | $10 < f \leq 50$ | 5.900         |
| 04.00 p.m. - 05.00 p.m. | 0.125         | 4.4       | 0.898         | 5.4       | 0.260         | 4.1       | $f \leq 10$      | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.336         | 6.8       | 0.988         | 7.8       | 0.625         | 4.5       | $f \leq 10$      | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.412         | 7.8       | 1.260         | 9.6       | 0.533         | 6.6       | $f \leq 10$      | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -                | -             |
| 08.00 a.m. - 09.00 a.m. | 0.265         | 7.8       | 1.205         | 10.0      | 0.314         | 4.3       | $f \leq 10$      | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.331         | 15.3      | 1.647         | 7.0       | 0.411         | 6.0       | $f \leq 10$      | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.214         | 9.4       | -             | -         | $f \leq 10$      | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010).

Remark : N/A = Not  
 PPV = Peak

**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

**ANALYSIS REPORT****Data Provided by Customer**

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : ภายในโครงการด้านทิศเหนือ  
 GPS. Coordinate : 47P 658964 E 1516188 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68055  
 Sample No. : S68055/4  
 Sample Type : Vibration  
 Sampling Date : 03 - 04 November 2025  
 Received Date : 05 November 2025  
 Analytical Date : 05 - 07 November 2025  
 Report Date : 10 November 2025  
 Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |            | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)  | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.326         | 5.6       | 2.214         | 9.4        | 0.221         | 5.1       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.241         | 10.6      | 1.232         | 9.0        | 0.125         | 3.0       | $f \leq 10$                   | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 01.00 p.m. - 02.00 p.m. | 0.655         | 8.9       | 2.014         | 10.0       | 0.326         | 6.9       | $f \leq 10$                   | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.215         | 7.0       | 1.141         | 6.3        | 0.256         | 5.0       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.326         | 8.0       | 2.021         | 13.6       | 0.251         | 5.6       | $10 < f \leq 50$              | 5.900         |
| 04.00 p.m. - 05.00 p.m. | 0.125         | 4.4       | 0.898         | 5.4        | 0.260         | 4.1       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.336         | 6.8       | 0.988         | 7.8        | 0.625         | 4.5       | $f \leq 10$                   | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.412         | 7.8       | 1.260         | 9.6        | 0.533         | 6.6       | $f \leq 10$                   | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A        | N/A           | N/A       | -                             | -             |
| 08.00 a.m. - 09.00 a.m. | 0.265         | 7.8       | 1.205         | 10.0       | 0.314         | 4.3       | $f \leq 10$                   | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.331         | 15.3      | 1.647         | 7.0        | 0.411         | 6.0       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>2.214</b>  | <b>9.4</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.000</b>  |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B

Remark : N/A =  
 PPV =



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

**ANALYSIS REPORT****Data Provided by Customer**

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : ภายในโครงการด้านทิศเหนือ  
 GPS. Coordinate : 47P 658964 E 1516188 N  
 Measurement By : TNP ENVIRONMENT CO.,LTD.

**Data Provided by Laboratory**

Report No. : S68055  
 Sample No. : S68055/7  
 Sample Type : Vibration  
 Sampling Date : 11 - 12 November 2025  
 Received Date : 13 November 2025  
 Analytical Date : 13 - 17 November 2025  
 Report Date : 18 November 2025  
 Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.415         | 6.0       | 2.314         | 8.9       | 0.314         | 6.3       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.304         | 11.6      | 2.054         | 6.8       | 0.251         | 5.0       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.457         | 3.6       | 1.021         | 8.1       | 0.513         | 5.4       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.323         | 4.8       | 1.265         | 7.2       | 0.411         | 6.8       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.454         | 8.0       | 1.989         | 7.3       | 0.326         | 4.5       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.204         | 5.6       | 1.656         | 5.8       | 0.305         | 3.9       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.214         | 4.8       | 1.225         | 8.7       | 0.317         | 6.3       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.396         | 7.5       | 0.898         | 10.0      | 0.621         | 4.6       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.323         | 4.8       | 2.025         | 8.0       | 0.142         | 5.0       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.258         | 18.3      | 2.327         | 9.8       | 0.287         | 10.0      | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.327         | 9.8       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification  
 Act B.  
 Remark : N/A =  
 PPV =

Environmental Quality



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658952 E 1516209 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/10  
Sample Type : Vibration  
Sampling Date : 17 - 18 November 2025  
Received Date : 19 November 2025  
Analytical Date : 19 - 21 November 2025  
Report Date : 24 November 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.302         | 6.3       | 2.236         | 9.8         | 0.256         | 4.5       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.152         | 7.0       | 1.625         | 6.9         | 0.163         | 3.6       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.447         | 7.4       | 2.125         | 6.8         | 0.514         | 6.0       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.326         | 7.6       | 2.263         | 10.0        | 0.311         | 6.8       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.415         | 6.3       | 2.150         | 8.9         | 0.340         | 7.0       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.223         | 8.0       | 2.025         | 9.3         | 0.251         | 5.6       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.326         | 6.5       | 1.952         | 5.6         | 0.256         | 4.1       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.236         | 5.8       | 1.898         | 9.4         | 0.403         | 6.2       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.332         | 7.1       | 2.025         | 8.8         | 0.411         | 4.6       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.489         | 14.2      | 2.121         | 9.2         | 0.525         | 6.8       | $f \leq 10$ | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>2.263</b>  | <b>10.0</b> | -             | -         | $f \leq 10$ | <b>5.000</b>  |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B

Remark : N/A  
PPV





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658950 E 1516191 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/13  
Sample Type : Vibration  
Sampling Date : 24 - 25 November 2025  
Received Date : 26 November 2025  
Analytical Date : 26 - 28 November 2025  
Report Date : 01 December 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |             | Longitudinal  |           | Standard                      |               |
|-------------------------|---------------|-----------|---------------|-------------|---------------|-----------|-------------------------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz)   | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)                     | PPV<br>(mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.452         | 6.6       | 2.514         | 10.0        | 0.326         | 4.6       | $f \leq 10$                   | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.236         | 5.6       | 1.898         | 7.0         | 0.262         | 4.7       | $f \leq 10$                   | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.326         | 6.3       | 2.012         | 8.6         | 0.411         | 6.3       | $f \leq 10$                   | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.361         | 4.1       | 2.322         | 6.3         | 0.151         | 4.2       | $f \leq 10$                   | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.141         | 2.1       | 1.526         | 4.0         | 0.125         | 6.0       | $f \leq 10$                   | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 08.00 a.m. - 09.00 a.m. | 0.622         | 4.5       | 2.021         | 5.6         | 0.141         | 2.0       | $f \leq 10$                   | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.151         | 3.6       | 2.414         | 8.6         | 0.326         | 3.6       | $f \leq 10$                   | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.231         | 5.6       | 1.856         | 7.8         | 0.624         | 4.0       | $f \leq 10$                   | 5.000         |
| 11.00 a.m. - 12.00 a.m. | 0.302         | 4.4       | 2.022         | 8.0         | 0.623         | 4.1       | $f \leq 10$                   | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A         | N/A           | N/A       | -                             | -             |
| 01.00 p.m. - 02.00 p.m. | 0.141         | 4.1       | 0.898         | 7.0         | 0.311         | 3.6       | $f \leq 10$                   | 5.000         |
| <b>24 Hour Maximum</b>  | -             | -         | <b>2.514</b>  | <b>10.0</b> | -             | -         | <b><math>f \leq 10</math></b> | <b>5.000</b>  |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality  
Act B.E. 2535 (1992) and the National Environmental Quality Management Act B.E. 2535 (1992)

Remark : N/A  
PPV



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658942 E 1516189 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/4  
Sample Type : Vibration  
Sampling Date : 01 - 02 December 2025  
Received Date : 03 December 2025  
Analytical Date : 03 - 08 December 2025  
Report Date : 09 December 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.585         | 2.3       | 2.014         | 6.3       | 0.415         | 1.6       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.625         | 6.9       | 1.880         | 7.8       | 0.514         | 4.5       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.363         | 4.5       | 2.200         | 6.8       | 0.563         | 6.0       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.415         | 6.3       | 2.025         | 6.1       | 0.411         | 6.2       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.232         | 4.1       | 1.565         | 6.0       | 0.302         | 5.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.326         | 5.1       | 2.011         | 8.1       | 0.125         | 3.3       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 p.m. - 07.00 p.m. | 0.214         | 3.3       | 1.621         | 5.6       | 0.326         | 3.4       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.411         | 5.2       | 1.989         | 8.0       | 0.124         | 2.3       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.324         | 4.6       | 2.310         | 8.9       | 0.145         | 2.5       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.310         | 8.9       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010). Under the Enhancement and Conservation of National Environmental Quality Act B.E.

Remark : N/A =  
PPV =





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658944 E 1516212 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/7  
Sample Type : Vibration  
Sampling Date : 11 - 12 December 2025  
Received Date : 15 December 2025  
Analytical Date : 15 - 17 December 2025  
Report Date : 18 December 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 11.00 a.m. - 12.00 p.m. | 0.611         | 5.6       | 2.210         | 8.6       | 0.502         | 6.3       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.415         | 4.6       | 2.122         | 6.3       | 0.451         | 5.4       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.322         | 5.1       | 1.625         | 4.6       | 0.457         | 7.0       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.741         | 6.9       | 1.896         | 6.0       | 0.542         | 5.7       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.314         | 4.5       | 1.854         | 8.9       | 0.234         | 3.3       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.214         | 5.2       | 1.635         | 7.4       | 0.164         | 3.2       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.363         | 4.8       | 1.214         | 4.5       | 0.344         | 5.6       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.326         | 5.6       | 2.144         | 6.3       | 0.514         | 5.3       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.814         | 6.3       | 2.326         | 8.4       | 0.326         | 4.7       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.151         | 5.0       | 1.847         | 7.0       | 0.415         | 6.3       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.326         | 8.4       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010). Under the Enhancement and Conservation of National Environmental Quality

Act B

Remark : N/A

PPV



**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658964 E 1516188 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/10  
Sample Type : Vibration  
Sampling Date : 15 - 16 December 2025  
Received Date : 17 December 2025  
Analytical Date : 17 - 19 December 2025  
Report Date : 22 December 2025  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 p.m. - 03.00 p.m. | 0.236         | 5.2       | 1.625         | 4.0       | 0.214         | 3.3       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.458         | 6.3       | 2.236         | 5.8       | 0.366         | 1.1       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.636         | 4.5       | 2.633         | 8.0       | 0.563         | 6.3       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 p.m. - 07.00 p.m. | 0.415         | 4.0       | 1.955         | 6.3       | 0.526         | 5.1       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.366         | 6.3       | 2.263         | 4.0       | 0.314         | 4.8       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.454         | 8.0       | 2.641         | 7.8       | 0.262         | 5.0       | $f \leq 10$ | 5.000         |
| 10.00 a.m. - 11.00 a.m. | 0.214         | 4.5       | 2.021         | 8.9       | 0.326         | 4.1       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.338         | 5.0       | 2.010         | 7.4       | 0.319         | 3.3       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.641         | 7.8       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality

Act

Remark : N/A

PPV





**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการเพลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : ภายในโครงการด้านทิศเหนือ  
GPS. Coordinate : 47P 658944 E 1516212 N  
Measurement By : TNP ENVIRONMENT CO.,LTD.

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/7  
Sample Type : Vibration  
Sampling Date : 25 - 26 December 2025  
Received Date : 05 January 2026  
Analytical Date : 05 - 07 January 2026  
Report Date : 08 January 2026  
Measurement Method : Vibration Meter

| Interval Time           | Transverse    |           | Vertical      |           | Longitudinal  |           | Standard    |               |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
|                         | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | PPV<br>(mm/s) | f<br>(Hz) | f<br>(Hz)   | PPV<br>(mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.454         | 4.6       | 2.102         | 8.6       | 0.263         | 4.1       | $f \leq 10$ | 5.000         |
| 11.00 a.m. - 12.00 p.m. | 0.523         | 4.1       | 2.362         | 4.2       | 0.412         | 2.2       | $f \leq 10$ | 5.000         |
| 12.00 p.m. - 01.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 p.m. - 02.00 p.m. | 0.336         | 5.2       | 2.102         | 4.1       | 0.225         | 2.3       | $f \leq 10$ | 5.000         |
| 02.00 p.m. - 03.00 p.m. | 0.362         | 3.2       | 2.041         | 6.1       | 0.326         | 4.1       | $f \leq 10$ | 5.000         |
| 03.00 p.m. - 04.00 p.m. | 0.362         | 4.5       | 2.041         | 5.3       | 0.263         | 4.8       | $f \leq 10$ | 5.000         |
| 04.00 p.m. - 05.00 p.m. | 0.252         | 2.3       | 1.985         | 8.1       | 0.361         | 5.2       | $f \leq 10$ | 5.000         |
| 05.00 p.m. - 06.00 p.m. | 0.125         | 4.1       | 1.362         | 5.2       | 0.201         | 2.2       | $f \leq 10$ | 5.000         |
| 06.00 p.m. - 07.00 p.m. | 0.314         | 5.0       | 1.525         | 6.2       | 0.101         | 1.5       | $f \leq 10$ | 5.000         |
| 07.00 p.m. - 08.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 p.m. - 09.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 09.00 p.m. - 10.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 10.00 p.m. - 11.00 p.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 11.00 p.m. - 00.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 00.00 a.m. - 01.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 01.00 a.m. - 02.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 02.00 a.m. - 03.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 03.00 a.m. - 04.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 04.00 a.m. - 05.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 05.00 a.m. - 06.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 06.00 a.m. - 07.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 07.00 a.m. - 08.00 a.m. | N/A           | N/A       | N/A           | N/A       | N/A           | N/A       | -           | -             |
| 08.00 a.m. - 09.00 a.m. | 0.415         | 4.5       | 2.362         | 8.5       | 0.626         | 6.5       | $f \leq 10$ | 5.000         |
| 09.00 a.m. - 10.00 a.m. | 0.566         | 5.1       | 2.205         | 7.8       | 0.210         | 2.6       | $f \leq 10$ | 5.000         |
| 24 Hour Maximum         | -             | -         | 2.362         | 8.5       | -             | -         | $f \leq 10$ | 5.000         |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010). Under the Enhancement and Conservation of National Environmental Quality

Act

Remark : N/A

PPV



คุณภาพน้ำทิ้ง



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟลส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : บ่อตรวจคุณภาพก่อนระบายออกจากโครงการ  
 GPS. Coordinate : 47 P 658979 E 1516193 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

### Data Provided by Laboratory

Report No. : S68055  
 Sample No. : S68055/1  
 Sample Type : Wastewater  
 Sampling Date : 27 October 2025  
 Sampling Time : 02.55 p.m.  
 Received Date : 28 October 2025  
 Analytical Date : 28 October – 10 November 2025  
 Report Date : 11 November 2025

| Parameter                                | Unit | Analytical Method <sup>1/</sup>                                 | Result | Standard |
|--|------|---|--------|----------|
| pH at 24.4 °C                            | -    | Electrometric Method (4500-H <sup>+</sup> B)                    | 7.1    | 5.5-9.0  |
| Total Suspended Solids                   | mg/L | Dried at 103-105 °C (2540 D)                                    | 20.7   | ≤ 40     |
| Total Dissolved Solids                   | mg/L | Dried at 180 °C (2540 C)  | 296    | ≤ 1,000  |
| Biochemical Oxygen Demand *              | mg/L | 5-Day BOD Test, Membrane Electrode Method<br>(4500-O G, 5210 B) | 5.6    | ≤ 30     |
| Sulfide *                                | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                      | < 0.60 | ≤ 1.0    |
| Oil and Grease *                         | mg/L | Liquid-Liquid Partition Gravimetric Method (5520 B)             | < 2.0  | ≤ 20     |
| Total Kjeldahl Nitrogen *, <sup>2/</sup> | mg/L | APHA:4500-Norg (B) <sup>3/</sup>                                | < 0.28 | ≤ 35     |
| Sample Appearance                        |      | Clear/Little Sediment/Odorless                                  |        |          |

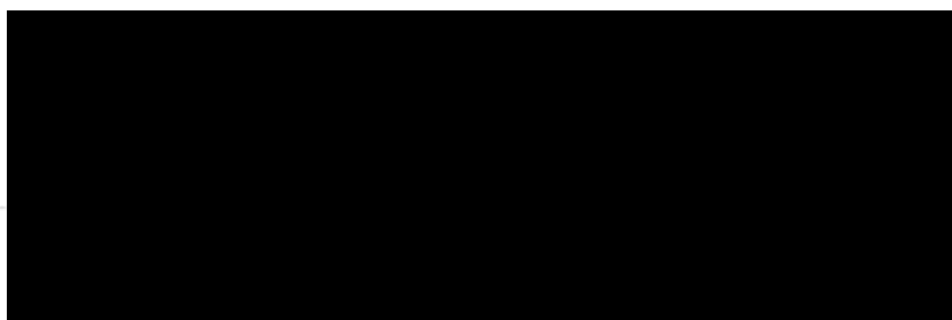
**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B.

**Remark** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

\* This item is out the scope ISO/IEC 17025:2017 Accreditation.



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
Sampling Point : บ่อตรวจคุณภาพก่อนระบายออกจากโครงการ  
GPS. Coordinate : 47 P 658984 E 1516202 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

Report No. : S68055  
Sample No. : S68055/1  
Sample Type : Wastewater  
Sampling Date : 04 November 2025  
Sampling Time : 10.53 a.m.  
Received Date : 05 November 2025  
Analytical Date : 05 - 19 November 2025  
Report Date : 20 November 2025

| Parameter                                | Unit | Analytical Method <sup>1/</sup>                              | Result | Standard |
|--|------|--|--------|----------|
| pH at 23.2 °C                            | -    | Electrometric Method (4500-H <sup>+</sup> B)                 | 8.4    | 5.5-9.0  |
| Total Suspended Solids                   | mg/L | Dried at 103-105 °C (2540 D)                                 | < 5.0  | ≤ 40     |
| Total Dissolved Solids                   | mg/L | Dried at 180 °C (2540 C)                                     | 157    | ≤ 1,000  |
| Biochemical Oxygen Demand *              | mg/L | 5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B) | < 2.0  | ≤ 30     |
| Sulfide *                                | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                   | < 0.60 | ≤ 1.0    |
| Oil and Grease *                         | mg/L | Liquid-Liquid Partition Gravimetric Method (5520 B)          | < 2.0  | ≤ 20     |
| Total Kjeldahl Nitrogen *, <sup>2/</sup> | mg/L | APHA:4500-Norg (B) <sup>3/</sup>                             | < 0.28 | ≤ 35     |
| Sample Appearance                        |      | Clear/Little Sediment/Odorless                               |        |          |

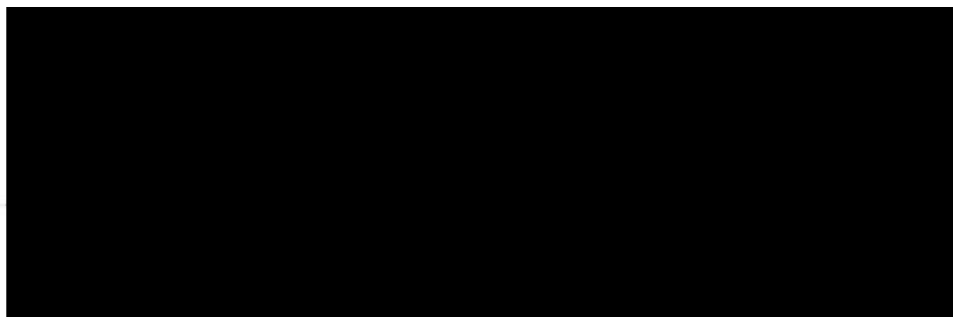
**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type B.

**Remark** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

\* This item is out the scope ISO/IEC 17025:2017 Accreditation.





## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : บริษัท แอล.พี.เอ็น. ดีเวลลอปเม้นท์ จำกัด (มหาชน)  
 Project Name : โครงการ เฟส 168 วุฒากาศ (PLACE 168 WUTTHAKAT)  
 Address Project : ถนนวุฒากาศ แขวงบางค้อ เขตจอมทอง กรุงเทพมหานคร  
 Sampling Point : บ่อตรวจคุณภาพก่อนระบายออกจากโครงการ  
 GPS. Coordinate : 47 P 658984 E 1516202 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

### Data Provided by Laboratory

Report No. : S68055  
 Sample No. : S68055/1  
 Sample Type : Wastewater  
 Sampling Date : 26 December 2025  
 Sampling Time : 12.00 p.m.  
 Received Date : 27 December 2025  
 Analytical Date : 27 December 2025 - 08 January 2026  
 Report Date : 09 January 2026

| Parameter                                | Unit | Analytical Method <sup>1/</sup>                              | Result | Standard |
|--|------|--|--------|----------|
| pH at 25.0 °C                            | -    | Electrometric Method (4500-H <sup>+</sup> B)                 | 7.9    | 5.5-9.0  |
| Total Suspended Solids                   | mg/L | Dried at 103-105 °C (2540 D)                                 | < 5.0  | ≤ 40     |
| Total Dissolved Solids                   | mg/L | Dried at 180 °C (2540 C)                                     | 139    | ≤ 1,000  |
| Biochemical Oxygen Demand *              | mg/L | 5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B) | < 2.0  | ≤ 30     |
| Sulfide *                                | mg/L | Iodometric Method (4500-S <sup>2-</sup> F)                   | < 0.60 | ≤ 1.0    |
| Oil and Grease *                         | mg/L | Liquid-Liquid Partition Gravimetric Method (5520 B)          | < 2.0  | ≤ 20     |
| Total Kjeldahl Nitrogen *, <sup>2/</sup> | mg/L | APHA:4500-Norg (B) <sup>3/</sup>                             | < 0.28 | ≤ 35     |
| Sample Appearance                        |      | Clear/Little Sediment/Odorless                               |        |          |

**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type B.

**Remark** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

\* This item is out the scope ISO/IEC 17025:2017 Accreditation.

