

ภาคผนวก ง3

ความสันสะท้อน



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 01 - 02 January 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. ; 721A2601 and S/N UM22200

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีนาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 02 - 03 January 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Model and Serial No. : 721A2601 and S/N UM22200

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 03 - 04 January 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีชาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 04 - 05 January 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 731A2601 and 5411UM2200

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ชีวาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS, Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

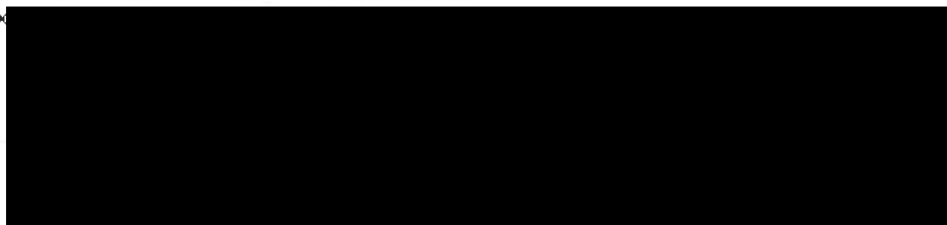
Report No. : S69028
 Sample No. : S69028/3
 Sample Type : Vibration
 Sampling Date : 05 - 06 January 2026
 Received Date : 07 January 2026
 Analytical Date : 07 - 14 January 2026
 Report Date : 15 January 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.151	4.7	0.197	5.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	2.168	13.0	0.583	12.0	$10 < f \leq 50$	5.750
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.378	6.0	0.181	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.	< 0.127	57.0	0.418	21.0	< 0.127	30.0	$10 < f \leq 50$	7.750
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	1.072	4.4	0.142	5.6	$f \leq 10$	5.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.867	5.1	0.181	4.8	$f \leq 10$	5.000
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.331	17.0	< 0.127	85.0	$10 < f \leq 50$	6.750
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	< 0.127	> 100	0.315	6.0	< 0.127	5.1	$f \leq 10$	5.000
12.00 a.m. - 01.00 a.m.	< 0.127	34.0	0.300	5.9	< 0.127	6.9	$f \leq 10$	5.000
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.	< 0.127	73.0	0.631	51.0	0.733	17.0	$10 < f \leq 50$	6.750
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.883	14.0	0.355	11.0	$10 < f \leq 50$	6.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	1.663	64.0	1.695	24.0	$10 < f \leq 50$	8.500
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.348	> 100	0.426	> 100	$f > 100$	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	1.498	> 100	0.552	> 100	$f > 100$	20.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.694	> 100	0.457	> 100	$f > 100$	20.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.418	4.0	< 0.127	> 100	$f \leq 10$	5.000
24 Hour Maximum	-	-	2.168	13.0	-	-	$10 < f \leq 50$	5.750

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ชีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/5
 Sample Type : Vibration
 Sampling Date : 06 - 07 January 2026
 Received Date : 08 January 2026
 Analytical Date : 08 - 14 January 2026
 Report Date : 15 January 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	85.0	0.701	5.4	0.166	6.6	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.591	13.0	0.158	6.3	$10 < f \leq 50$	5.750
04.00 p.m. - 05.00 p.m.	< 0.127	73.0	0.828	4.1	0.134	5.6	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.804	5.0	0.189	6.0	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	51.0	0.536	57.0	0.229	> 100	$50 < f \leq 100$	15.700
07.00 p.m. - 08.00 p.m.	< 0.127	73.0	0.725	> 100	1.025	> 100	$f > 100$	20.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	1.269	85.0	< 0.127	> 100	$50 < f \leq 100$	18.500
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.	< 0.127	> 100	0.315	> 100	< 0.127	> 100	$f > 100$	20.000
11.00 p.m. - 12.00 a.m.	< 0.127	> 100	0.307	5.6	< 0.127	6.2	$f \leq 10$	5.000
12.00 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.	< 0.127	> 100	0.489	> 100	0.236	> 100	$f > 100$	20.000
04.00 a.m. - 05.00 a.m.	< 0.127	> 100	0.323	5.1	< 0.127	4.2	$f \leq 10$	5.000
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.	< 0.127	> 100	0.300	> 100	0.166	> 100	$f > 100$	20.000
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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 a.m. - 11.00 a.m.	< 0.127	4.0	0.552	4.7	0.149	4.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	4.4	0.646	5.8	0.386	3.7	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	3.3	0.410	4.1	0.135	3.2	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	7.9	0.441	5.8	0.181	6.5	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.269	85.0	-	-	$50 < f \leq 100$	18.500

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 701A2001 and 641UM2200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ดีไซน์ก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

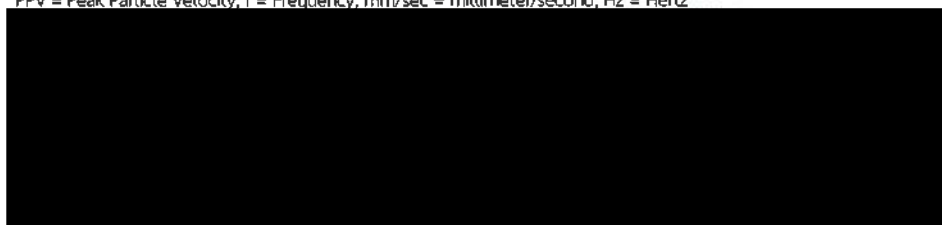
Report No. : S69028
 Sample No. : S69028/7
 Sample Type : Vibration
 Sampling Date : 07 - 08 January 2026
 Received Date : 09 January 2026
 Analytical Date : 09 - 14 January 2026
 Report Date : 15 January 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.331	4.5	0.725	4.5	0.268	3.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	6.4	0.544	5.0	0.300	4.1	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	51.0	0.205	4.0	0.497	2.7	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	0.244	51.0	0.646	39.0	0.189	47.0	$10 < f \leq 50$	12.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.173	51.0	0.969	39.0	0.166	57.0	$10 < f \leq 50$	12.250
10.00 a.m. - 11.00 a.m.	< 0.127	6.6	0.891	6.3	0.284	6.8	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.213	7.3	0.504	5.6	0.173	4.1	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	4.1	0.552	4.8	0.250	2.9	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	0.315	64.0	1.230	85.0	0.315	73.0	$50 < f \leq 100$	18.500
24 Hour Maximum	-	-	1.230	85.0	-	-	$50 < f \leq 100$	18.500

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

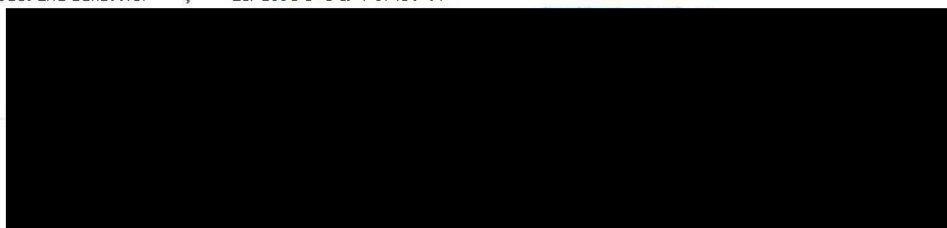
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/9
Sample Type : Vibration
Sampling Date : 08 - 09 January 2026
Received Date : 12 January 2026
Analytical Date : 12 - 14 January 2026
Report Date : 15 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	85.0	0.560	> 100	< 0.127	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	37.0	0.473	39.0	0.331	32.0	10 < f ≤ 50	12.250
04.00 p.m. - 05.00 p.m.	< 0.127	30.0	0.307	27.0	0.189	57.0	10 < f ≤ 50	9.250
05.00 p.m. - 06.00 p.m.	0.394	37.0	0.347	39.0	0.221	51.0	10 < f ≤ 50	11.750
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	37.0	0.583	37.0	0.276	32.0	10 < f ≤ 50	11.750
09.00 a.m. - 10.00 a.m.	< 0.127	37.0	0.560	37.0	0.355	34.0	10 < f ≤ 50	11.750
10.00 a.m. - 11.00 a.m.	< 0.127	21.0	0.323	22.0	< 0.127	24.0	10 < f ≤ 50	8.000
11.00 a.m. - 12.00 p.m.	< 0.127	20.0	0.394	23.0	0.355	19.0	10 < f ≤ 50	8.250
12.00 p.m. - 01.00 p.m.	< 0.127	30.0	0.497	34.0	< 0.127	27.0	10 < f ≤ 50	11.000
01.00 p.m. - 02.00 p.m.	< 0.127	37.0	0.410	37.0	0.788	32.0	10 < f ≤ 50	10.500
24 Hour Maximum	-	-	-	-	0.788	32.0	10 < f ≤ 50	10.500

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ชีวาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

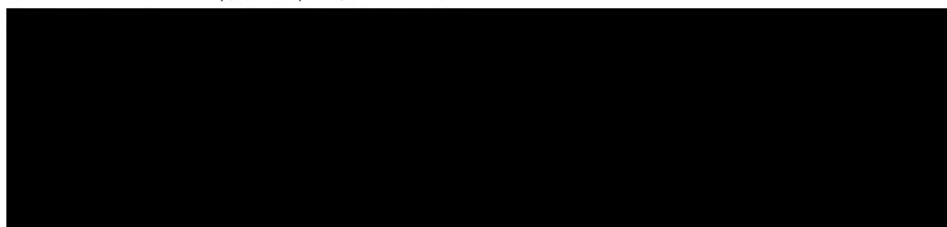
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/11
Sample Type : Vibration
Sampling Date : 09 - 10 January 2026
Received Date : 12 January 2026
Analytical Date : 12 - 21 January 2026
Report Date : 22 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	57.0	0.749	64.0	0.363	47.0	50 < f ≤ 100	16.400
03.00 p.m. - 04.00 p.m.	< 0.127	13.0	0.701	24.0	< 0.127	27.0	10 < f ≤ 50	8.500
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.	< 0.127	51.0	0.528	17.0	< 0.127	18.0	10 < f ≤ 50	6.750
06.00 p.m. - 07.00 p.m.	< 0.127	85.0	0.315	73.0	0.158	4.3	50 < f ≤ 100	17.300
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.315	39.0	0.292	37.0	0.276	34.0	10 < f ≤ 50	12.250
09.00 a.m. - 10.00 a.m.	< 0.127	18.0	0.725	15.0	< 0.127	15.0	10 < f ≤ 50	6.250
10.00 a.m. - 11.00 a.m.	0.173	51.0	0.284	37.0	0.220	39.0	10 < f ≤ 50	11.750
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.	0.212	32.0	0.645	30.0	0.213	28.0	10 < f ≤ 50	10.000
01.00 p.m. - 02.00 p.m.	< 0.127	57.0	0.924	30.0	0.166	3.7	10 < f ≤ 50	10.000
24 Hour Maximum	-	-	0.924	30.0	-	-	10 < f ≤ 50	10.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีซาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

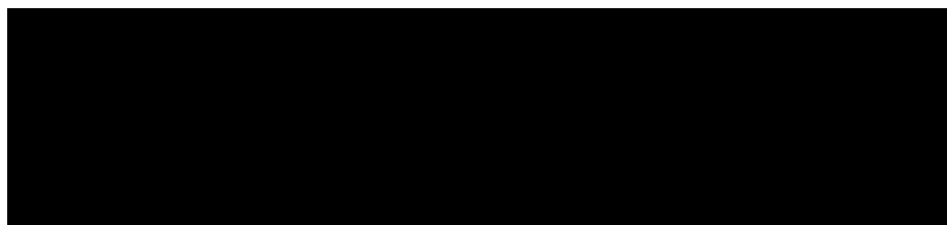
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/13
 Sample Type : Vibration
 Sampling Date : 10 - 11 January 2026
 Received Date : 12 January 2026
 Analytical Date : 12 - 21 January 2026
 Report Date : 22 January 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	85.0	0.347	4.6	0.158	3.7	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.441	4.5	0.134	4.7	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	85.0	0.733	4.3	0.134	4.2	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.914	5.3	0.150	6.3	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.221	51.0	0.441	57.0	$50 < f \leq 100$	15.700
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.300	47.0	0.497	64.0	$50 < f \leq 100$	16.400
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.	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	-	-
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.	< 0.127	> 100	0.441	39.0	0.449	51.0	$50 < f \leq 100$	15.100
01.00 p.m. - 02.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
24 Hour Maximum	-	-	0.914	5.3	-	-	$f \leq 10$	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 s, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ซีฮาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 11 - 12 January 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model

* Not h

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ชีวภาพก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

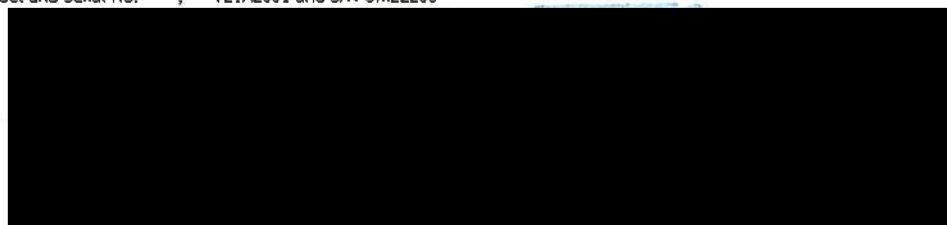
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/15
Sample Type : Vibration
Sampling Date : 12 - 13 January 2026
Received Date : 14 January 2026
Analytical Date : 14 - 21 January 2026
Report Date : 22 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	4.5	0.315	3.5	< 0.127	6.7	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	6.1	0.845	3.7	< 0.127	3.3	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	8.3	0.504	3.4	< 0.127	4.8	$f \leq 10$	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.	0.134	3.7	0.635	4.2	< 0.127	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.252	> 100	0.197	73.0	0.166	73.0	$f > 100$	20.000
09.00 a.m. - 10.00 a.m.	0.410	28.0	0.363	32.0	0.181	51.0	$10 < f \leq 50$	9.500
10.00 a.m. - 11.00 a.m.	< 0.127	85.0	0.867	64.0	0.166	9.1	$50 < f \leq 100$	16.400
11.00 a.m. - 12.00 p.m.	< 0.127	85.0	2.057	8.5	0.489	8.5	$f \leq 10$	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.	< 0.127	> 100	0.654	3.4	< 0.127	> 100	$f \leq 10$	5.000
24 Hour Maximum	-	-	2.057	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 B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ชีวภาพก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

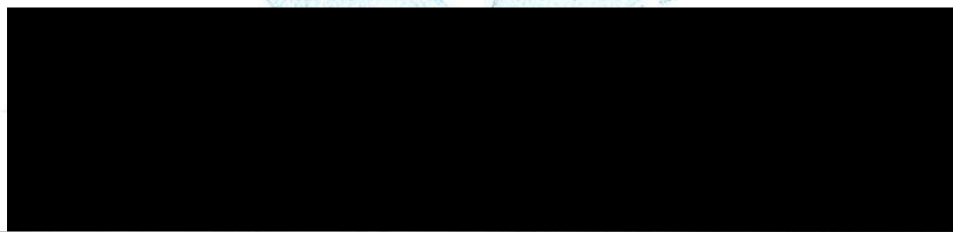
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/17
 Sample Type : Vibration
 Sampling Date : 13 - 14 January 2026
 Received Date : 15 January 2026
 Analytical Date : 15 - 21 January 2026
 Report Date : 22 January 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.198	4.4	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.027	4.2	< 0.127	> 100	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.402	4.6	< 0.127	> 100	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	85.0	0.300	32.0	< 0.127	> 100	$10 < f \leq 50$	10.500
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.	< 0.127	> 100	0.386	37.0	< 0.127	> 100	$10 < f \leq 50$	11.750
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.646	5.0	< 0.127	> 100	$f \leq 10$	5.000
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.536	3.5	< 0.127	> 100	$f \leq 10$	5.000
10.00 p.m. - 11.00 p.m.	< 0.127	64.0	0.394	3.6	< 0.127	47.0	$f \leq 10$	5.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	47.0	0.583	4.6	< 0.127	> 100	$f \leq 10$	5.000
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.	< 0.127	> 100	0.347	4.9	< 0.127	> 100	$f \leq 10$	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	73.0	0.780	3.6	< 0.127	> 100	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.418	7.3	< 0.127	> 100	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	57.0	0.339	5.6	< 0.127	> 100	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	64.0	1.600	10.0	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	64.0	0.757	5.1	< 0.127	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	47.0	0.347	> 100	< 0.127	> 100	$f > 100$	20.000
24 Hour Maximum	-	-	1.600	10.0	-	-	$f \leq 10$	5.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ชีวภาคก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/19
 Sample Type : Vibration
 Sampling Date : 14 - 15 January 2026
 Received Date : 16 January 2026
 Analytical Date : 16 - 21 January 2026
 Report Date : 22 January 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.772	13.0	< 0.127	> 100	10 < f ≤ 50	5.750
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.418	7.0	< 0.127	> 100	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.646	5.4	< 0.127	85.0	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.954	4.9	0.142	4.5	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.300	18.0	< 0.127	> 100	10 < f ≤ 50	7.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	1.797	47.0	< 0.127	> 100	10 < f ≤ 50	14.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.583	18.0	< 0.127	> 100	10 < f ≤ 50	7.000
07.00 a.m. - 08.00 a.m.	< 0.127	85.0	0.552	> 100	< 0.127	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	< 0.127	73.0	0.300	85.0	0.307	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	1.348	43.0	< 0.127	85.0	10 < f ≤ 50	13.250
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.434	> 100	< 0.127	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.434	6.5	< 0.127	64.0	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.733	4.6	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	57.0	0.733	5.4	< 0.127	> 100	f ≤ 10	5.000
24 Hour Maximum	-	-	1.797	47.0	-	-	10 < f ≤ 50	14.250

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model : 1.6 m/s

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซิมโก้สร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

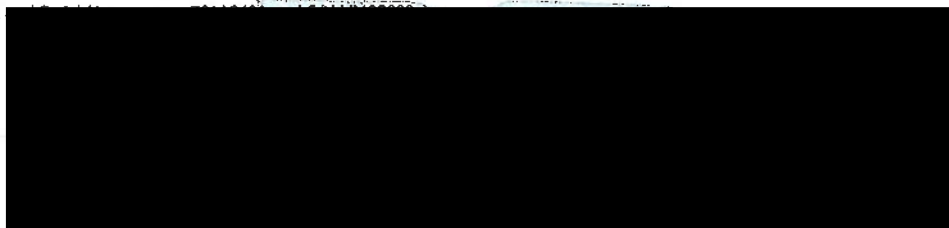
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/21
Sample Type : Vibration
Sampling Date : 15 - 16 January 2026
Received Date : 19 January 2026
Analytical Date : 19 - 21 January 2026
Report Date : 22 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.829	11.0	< 0.127	> 100	10 < f ≤ 50	5.250
03.00 p.m. - 04.00 p.m.	< 0.127	51.0	0.457	8.8	< 0.127	> 100	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.891	> 100	< 0.127	39.0	f > 100	20.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.489	5.2	< 0.127	> 100	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	1.576	4.8	< 0.127	> 100	f ≤ 10	5.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.954	4.6	< 0.127	> 100	f ≤ 10	5.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.355	5.8	< 0.127	> 100	f ≤ 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.402	13.0	< 0.127	> 100	10 < f ≤ 50	5.750
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.504	4.8	< 0.127	> 100	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.402	10.0	< 0.127	> 100	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	57.0	0.465	4.4	0.213	3.2	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	47.0	0.449	4.5	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.473	3.4	< 0.127	> 100	f ≤ 10	5.000
24 Hour Maximum	-	-	1.829	11.0	-	-	10 < f ≤ 50	5.250

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model:





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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/23
Sample Type : Vibration
Sampling Date : 16 - 17 January 2026
Received Date : 19 January 2026
Analytical Date : 19 - 28 January 2026
Report Date : 29 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	47.0	0.552	4.1	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	85.0	0.733	12.0	< 0.127	> 100	$10 < f \leq 50$	5.500
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.788	4.6	< 0.127	> 100	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.899	51.0	0.315	43.0	$50 < f \leq 100$	15.100
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.686	4.2	< 0.127	85.0	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	43.0	0.583	4.0	< 0.127	> 100	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.481	3.6	< 0.127	> 100	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.567	4.3	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.615	4.1	< 0.127	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.528	11.0	< 0.127	> 100	$10 < f \leq 50$	5.250
24 Hour Maximum	-	-	0.899	51.0	-	-	$50 < f \leq 100$	15.100

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

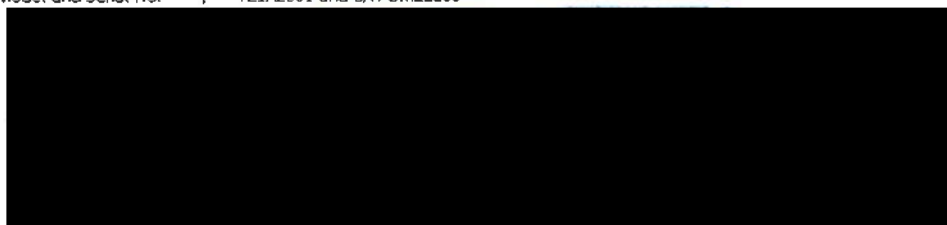
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/25
Sample Type : Vibration
Sampling Date : 17 - 18 January 2026
Received Date : 19 January 2026
Analytical Date : 19 - 28 January 2026
Report Date : 29 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.709	5.2	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.048	3.4	< 0.127	73.0	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.662	4.0	< 0.127	> 100	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.670	4.6	< 0.127	> 100	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	-	-	1.048	3.4	-	-	$f \leq 10$	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 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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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 ซีเม้าท์ก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 18 - 19 January 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

* No



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 ชีวาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/27
Sample Type : Vibration
Sampling Date : 19 - 20 January 2026
Received Date : 21 January 2026
Analytical Date : 21 - 28 January 2026
Report Date : 29 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	2.491	51.0	< 0.127	57.0	50 < f ≤ 100	15.100
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	2.640	39.0	< 0.127	> 100	10 < f ≤ 50	12.250
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.718	7.3	< 0.127	> 100	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.670	5.3	< 0.127	> 100	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.347	5.1	< 0.127	85.0	f ≤ 10	5.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.315	19.0	< 0.127	> 100	10 < f ≤ 50	7.250
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. - 12.00 a.m.	< 0.127	> 100	0.780	15.0	< 0.127	64.0	10 < f ≤ 50	6.250
12.00 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.	< 0.127	> 100	0.315	5.8	< 0.127	37.0	f ≤ 10	5.000
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.	< 0.127	27.0	0.426	21.0	0.158	> 100	10 < f ≤ 50	7.750
08.00 a.m. - 09.00 a.m.	< 0.127	34.0	0.796	> 100	0.520	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	< 0.127	37.0	2.089	9.0	< 0.127	> 100	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.119	34.0	< 0.127	47.0	10 < f ≤ 50	11.000
11.00 a.m. - 12.00 p.m.	< 0.127	43.0	1.718	64.0	< 0.127	> 100	50 < f ≤ 100	16.400
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.835	7.8	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.025	8.0	< 0.127	> 100	f ≤ 10	5.000
24 Hour Maximum	-	-	2.640	39.0	-	-	10 < f ≤ 50	12.250

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

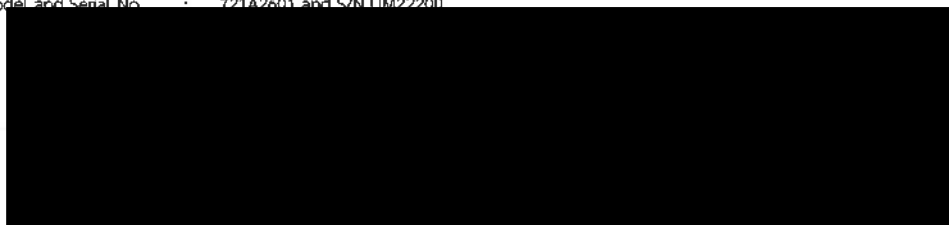
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/29
 Sample Type : Vibration
 Sampling Date : 20 - 21 January 2026
 Received Date : 22 January 2026
 Analytical Date : 22 - 28 January 2026
 Report Date : 29 January 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.725	11.0	< 0.127	> 100	10 < f ≤ 50	5.250
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.465	10.0	< 0.127	> 100	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.441	5.7	< 0.127	> 100	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	1.245	39.0	1.702	> 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.	< 0.127	> 100	0.599	47.0	0.394	> 100	10 < f ≤ 50	14.250
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. - 12.00 a.m.	< 0.127	> 100	0.323	5.6	< 0.127	> 100	f ≤ 10	5.000
12.00 a.m. - 01.00 a.m.	< 0.127	> 100	0.315	4.5	< 0.127	> 100	f ≤ 10	5.000
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.	< 0.127	> 100	0.552	5.1	< 0.127	> 100	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.481	5.4	< 0.127	> 100	f ≤ 10	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.835	10.0	< 0.127	> 100	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	1.364	6.3	< 0.127	> 100	f ≤ 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.	< 0.127	> 100	1.285	8.7	< 0.127	> 100	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.285	5.9	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.048	6.6	< 0.127	> 100	f ≤ 10	5.000
24 Hour Maximum	-	-	-	-	1.702	> 100	f > 100	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N LUM22200





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 ซิงกาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/31
Sample Type : Vibration
Sampling Date : 21 - 22 January 2026
Received Date : 23 January 2026
Analytical Date : 23 - 28 January 2026
Report Date : 29 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 a.m. - 11.00 a.m.	< 0.127	6.8	0.355	85.0	0.221	20.0	50 < f ≤ 100	18.500
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.899	3.6	< 0.127	> 100	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.528	5.6	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	73.0	1.009	> 100	0.717	85.0	f > 100	20.000
24 Hour Maximum	-	-	1.009	> 100	-	-	f > 100	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซิมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/33
Sample Type : Vibration
Sampling Date : 22 - 23 January 2026
Received Date : 26 January 2026
Analytical Date : 26 - 28 January 2026
Report Date : 29 January 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	< 0.127	73.0	0.339	16.0	< 0.127	> 100	10 < f ≤ 50	6.500
04.00 p.m. - 05.00 p.m.	< 0.127	43.0	0.307	20.0	< 0.127	73.0	10 < f ≤ 50	7.500
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	1.600	85.0	1.718	< 1.0	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.363	22.0	< 0.127	16.0	10 < f ≤ 50	8.000
07.00 p.m. - 08.00 p.m.	< 0.127	51.0	0.347	18.0	< 0.127	85.0	10 < f ≤ 50	7.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.355	5.3	< 0.127	4.6	f ≤ 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	1.088	5.6	0.158	5.4	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.347	80.0	< 0.127	10.0	50 < f ≤ 100	18.000
06.00 a.m. - 07.00 a.m.	< 0.127	85.0	0.434	5.4	< 0.127	> 100	f ≤ 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.	< 0.127	> 100	0.300	6.6	< 0.127	6.6	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	37.0	1.103	4.7	0.323	73.0	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	12.0	0.962	4.3	< 0.127	13.0	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	85.0	1.293	5.6	0.229	5.6	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	85.0	0.780	3.8	0.244	6.1	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	85.0	0.875	3.5	0.166	5.9	f ≤ 10	5.000
24 Hour Maximum	-	-	-	-	1.718	< 1.0	f ≤ 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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ชีวภาคก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/35
Sample Type : Vibration
Sampling Date : 23 - 24 January 2026
Received Date : 26 January 2026
Analytical Date : 26 January - 04 February 2026
Report Date : 05 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.394	3.5	1.017	3.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	37.0	0.489	15.0	0.347	> 100	$10 < f \leq 50$	6.250
04.00 p.m. - 05.00 p.m.	< 0.127	85.0	1.143	15.0	0.638	17.0	$10 < f \leq 50$	6.250
05.00 p.m. - 06.00 p.m.	< 0.127	51.0	0.875	64.0	0.749	73.0	$50 < f \leq 100$	16.400
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.686	28.0	0.449	32.0	$10 < f \leq 50$	9.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	37.0	0.694	> 100	0.583	6.6	$f > 100$	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	64.0	1.584	12.0	0.418	30.0	$10 < f \leq 50$	5.500
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	1.277	9.1	0.363	18.0	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.323	11.0	0.205	3.7	$10 < f \leq 50$	5.250
01.00 p.m. - 02.00 p.m.	< 0.127	85.0	0.236	3.2	0.457	3.7	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.584	12.0	-	-	$10 < f \leq 50$	5.500

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 J, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอกก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

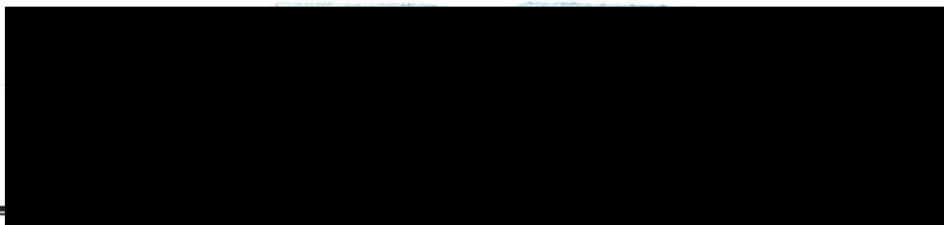
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/37
 Sample Type : Vibration
 Sampling Date : 24 - 25 January 2026
 Received Date : 26 January 2026
 Analytical Date : 26 January - 04 February 2026
 Report Date : 05 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.222	> 100	0.528	28.0	$f > 100$	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.410	4.3	< 0.127	4.1	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.757	11.0	0.158	3.5	$10 < f \leq 50$	5.250
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	< 0.127	17.0	0.638	4.1	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	1.293	< 1.0	0.654	8.3	$f \leq 10$	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.	< 0.127	> 100	0.386	85.0	0.134	73.0	$50 < f \leq 100$	18.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.899	37.0	0.394	39.0	$10 < f \leq 50$	11.750
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.315	3.6	< 0.127	6.6	$f \leq 10$	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.	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	-	-	1.293	< 1.0	-	-	$f \leq 10$	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.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ซีเอก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 25 - 26 January 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

* Not have monitoring environment because on Sunday of holiday.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีนาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

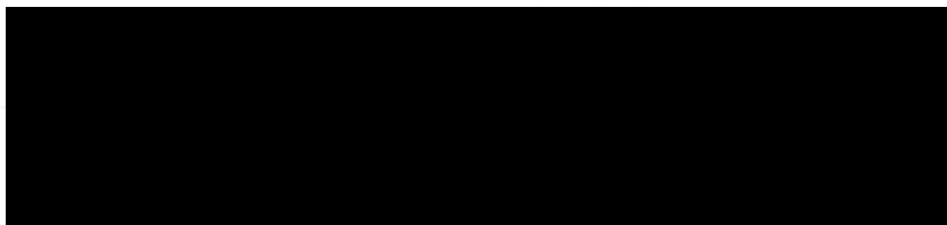
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/39
 Sample Type : Vibration
 Sampling Date : 26 - 27 January 2026
 Received Date : 28 January 2026
 Analytical Date : 28 January - 04 February 2026
 Report Date : 05 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	< 0.127	> 100	0.804	8.4	< 0.127	85.0	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.418	8.1	< 0.127	73.0	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.378	4.5	< 0.127	> 100	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.363	> 100	< 0.127	> 100	$f > 100$	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.	< 0.127	> 100	0.386	6.8	< 0.127	7.0	$f \leq 10$	5.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.221	3.7	0.497	2.3	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	51.0	0.339	4.8	< 0.127	13.0	$f \leq 10$	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.	< 0.127	> 100	0.504	7.3	< 0.127	3.0	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	1.994	6.8	0.142	8.4	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	57.0	0.623	39.0	< 0.127	> 100	$10 < f \leq 50$	12.250
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.938	7.3	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	64.0	1.127	4.6	< 0.127	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.048	5.4	0.197	< 1.0	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.994	6.8	-	-	$f \leq 10$	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 s, dated June 2 B.E. 2553 (2010)

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ซีเอก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/41
Sample Type : Vibration
Sampling Date : 27 - 28 January 2026
Received Date : 29 January 2026
Analytical Date : 29 January - 04 February 2026
Report Date : 05 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.465	4.6	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.796	7.1	0.166	7.4	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	51.0	1.056	12.0	0.370	10.0	$10 < f \leq 50$	5.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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.	< 0.127	> 100	0.402	4.7	< 0.127	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.623	43.0	0.307	> 100	$10 < f \leq 50$	13.250
24 Hour Maximum	-	-	1.056	12.0	-	-	$10 < f \leq 50$	5.500

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200



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 ชีวาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/43
Sample Type : Vibration
Sampling Date : 28 - 29 January 2026
Received Date : 30 January 2026
Analytical Date : 30 January - 04 February 2026
Report Date : 05 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.733	4.5	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.977	14.0	< 0.127	73.0	$10 < f \leq 50$	6.000
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.	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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.	< 0.127	> 100	0.733	11.0	< 0.127	> 100	$10 < f \leq 50$	5.250
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.427	> 100	< 0.127	> 100	$f > 100$	20.000
24 Hour Maximum	-	-	1.427	> 100	-	-	$f > 100$	20.000

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 : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/45
Sample Type : Vibration
Sampling Date : 29 - 30 January 2026
Received Date : 02 February 2026
Analytical Date : 02 - 04 February 2026
Report Date : 05 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.947	8.4	< 0.127	> 100	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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.	< 0.127	> 100	1.655	10.0	0.906	8.0	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.734	13.0	0.607	12.0	$10 < f \leq 50$	5.750
24 Hour Maximum	-	-	1.947	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.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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 ชีวาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/47
Sample Type : Vibration
Sampling Date : 30 - 31 January 2026
Received Date : 02 February 2026
Analytical Date : 02 - 04 February 2026
Report Date : 05 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.765	21.0	< 0.127	> 100	10 < f ≤ 50	7.750
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.323	14.0	< 0.127	> 100	10 < f ≤ 50	6.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.742	12.0	< 0.127	> 100	10 < f ≤ 50	5.500
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.969	21.0	< 0.127	> 100	10 < f ≤ 50	7.750
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.631	13.0	< 0.127	6.8	10 < f ≤ 50	5.750
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.670	34.0	1.088	43.0	10 < f ≤ 50	13.250
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.497	30.0	1.072	37.0	10 < f ≤ 50	11.750
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	2.262	> 100	0.615	39.0	f > 100	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.167	28.0	1.009	43.0	10 < f ≤ 50	9.500
11.00 a.m. - 12.00 p.m.	< 0.128	85.0	2.278	> 100	< 0.127	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.135	> 100	< 0.127	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	< 0.127	34.0	0.804	> 100	< 0.127	> 100	f > 100	20.000
24 Hour Maximum	-	-	2.278	> 100	-	-	f > 100	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/49
Sample Type : Vibration
Sampling Date : 31 January - 01 February 2026
Received Date : 02 February 2026
Analytical Date : 02 - 04 February 2026
Report Date : 05 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.504	4.9	0.221	5.4	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.567	> 100	0.804	> 100	$f > 100$	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.695	> 100	0.725	> 100	$f > 100$	20.000
05.00 p.m. - 06.00 p.m.	< 0.127	57.0	0.812	> 100	0.481	> 100	$f > 100$	20.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.378	> 100	0.355	> 100	$f > 100$	20.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.441	> 100	0.363	> 100	$f > 100$	20.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	-	-	1.695	> 100	-	-	$f > 100$	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 01 - 02 February 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec)
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : T21A2601 and S/N UM22200

* Not have monitoring equipment because on Sunday of holiday



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/3
Sample Type : Vibration
Sampling Date : 02 - 03 February 2026
Received Date : 04 February 2026
Analytical Date : 04 - 11 February 2026
Report Date : 12 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.906	> 100	0.796	57.0	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	2.656	30.0	2.506	43.0	10 < f ≤ 50	10.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.490	20.0	0.686	43.0	10 < f ≤ 50	7.500
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.134	13.0	0.355	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	1.387	> 100	0.804	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.796	37.0	0.402	28.0	10 < f ≤ 50	11.750
08.00 p.m. - 09.00 p.m.	< 0.127	85.0	1.167	> 100	0.804	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.820	28.0	0.386	73.0	10 < f ≤ 50	9.500
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.307	4.2	< 0.127	3.5	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.386	12.0	0.134	24.0	10 < f ≤ 50	5.500
06.00 a.m. - 07.00 a.m.	< 0.127	19.0	0.969	> 100	0.725	> 100	f > 100	20.000
07.00 a.m. - 08.00 a.m.	< 0.127	64.0	0.946	57.0	0.954	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.654	> 100	0.867	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	2.349	> 100	0.733	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.820	> 100	0.434	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.528	> 100	0.765	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	< 0.127	64.0	0.434	3.0	< 0.127	5.2	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	57.0	0.591	> 100	0.544	> 100	f > 100	20.000
24 Hour Maximum	-	-	2.656	30.0	-	-	10 < f ≤ 50	10.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีสมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/5
 Sample Type : Vibration
 Sampling Date : 03 - 04 February 2026
 Received Date : 05 February 2026
 Analytical Date : 05 - 11 February 2026
 Report Date : 12 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.402	17.0	0.197	> 100	10 < f ≤ 50	6.750
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.457	34.0	0.276	57.0	10 < f ≤ 50	11.000
04.00 p.m. - 05.00 p.m.	< 0.127	85.0	0.465	4.3	0.150	> 100	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.418	64.0	0.181	> 100	50 < f ≤ 100	16.400
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	2.018	> 100	0.402	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.607	> 100	0.142	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	< 0.127	43.0	0.449	32.0	0.252	> 100	10 < f ≤ 50	10.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.370	12.0	0.142	22.0	10 < f ≤ 50	5.500
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.	< 0.127	20.0	2.420	32.0	0.985	27.0	10 < f ≤ 50	10.500
08.00 a.m. - 09.00 a.m.	< 0.127	57.0	0.449	85.0	0.134	> 100	50 < f ≤ 100	18.500
09.00 a.m. - 10.00 a.m.	< 0.127	64.0	0.560	37.0	0.236	34.0	10 < f ≤ 50	11.750
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.552	32.0	0.244	34.0	10 < f ≤ 50	10.500
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.339	39.0	0.205	8.4	10 < f ≤ 50	12.250
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.441	64.0	0.252	> 100	50 < f ≤ 100	16.400
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.307	11.0	0.166	5.1	10 < f ≤ 50	5.250
24 Hour Maximum	-	-	2.420	32.0	-	-	10 < f ≤ 50	10.500

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/7
Sample Type : Vibration
Sampling Date : 04 - 05 February 2026
Received Date : 06 February 2026
Analytical Date : 06 - 11 February 2026
Report Date : 12 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.717	> 100	0.654	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.348	8.7	< 0.127	73.0	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	73.0	0.938	11.0	< 0.127	85.0	10 < f ≤ 50	5.250
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	1.285	12.0	< 0.127	> 100	10 < f ≤ 50	5.500
06.00 p.m. - 07.00 p.m.	< 0.127	30.0	0.694	15.0	< 0.127	> 100	10 < f ≤ 50	6.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	1.332	12.0	< 0.127	> 100	10 < f ≤ 50	5.500
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	1.379	11.0	< 0.127	> 100	10 < f ≤ 50	5.250
10.00 a.m. - 11.00 a.m.	< 0.127	51.0	1.442	22.0	< 0.127	> 100	10 < f ≤ 50	8.000
11.00 a.m. - 12.00 p.m.	< 0.127	51.0	1.403	12.0	< 0.127	85.0	10 < f ≤ 50	5.500
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.962	12.0	< 0.127	> 100	10 < f ≤ 50	5.500
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.324	15.0	< 0.127	> 100	10 < f ≤ 50	6.250
24 Hour Maximum	-	-	1.442	22.0	-	-	10 < f ≤ 50	8.000

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 J, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ชีวาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/9
 Sample Type : Vibration
 Sampling Date : 05 - 06 February 2026
 Received Date : 09 February 2026
 Analytical Date : 09 - 11 February 2026
 Report Date : 12 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.315	11.0	0.410	23.0	10 < f ≤ 50	8.250
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.277	18.0	< 0.127	> 100	10 < f ≤ 50	7.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.701	16.0	< 0.127	> 100	10 < f ≤ 50	6.500
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.473	64.0	0.323	> 100	50 < f ≤ 100	16.400
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.899	> 100	0.434	> 100	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.	< 0.127	> 100	0.339	5.0	< 0.127	6.0	f ≤ 10	5.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	85.0	0.402	4.6	< 0.127	7.5	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.725	14.0	0.221	13.0	10 < f ≤ 50	6.000
07.00 a.m. - 08.00 a.m.	< 0.127	85.0	0.512	39.0	< 0.127	30.0	10 < f ≤ 50	12.250
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	2.625	20.0	< 0.127	> 100	10 < f ≤ 50	7.500
09.00 a.m. - 10.00 a.m.	< 0.127	39.0	0.300	16.0	< 0.127	> 100	10 < f ≤ 50	6.500
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.474	> 100	0.378	7.5	f > 100	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	64.0	1.482	57.0	< 0.127	> 100	50 < f ≤ 100	15.700
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.733	4.5	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.867	> 100	< 0.127	> 100	f > 100	20.000
24 Hour Maximum	-	-	2.625	20.0	-	-	10 < f ≤ 50	7.500

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



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 ซีทีก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

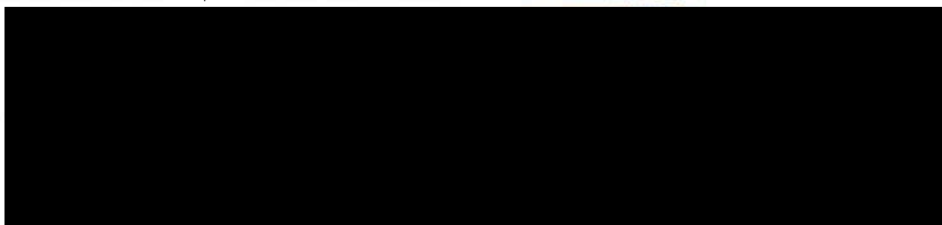
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/11
Sample Type : Vibration
Sampling Date : 06 - 07 February 2026
Received Date : 09 February 2026
Analytical Date : 09 - 18 February 2026
Report Date : 19 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.418	> 100	< 0.127	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.473	4.5	0.227	85.0	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.094	19.0	0.134	6.7	10 < f ≤ 50	7.250
05.00 p.m. - 06.00 p.m.	< 0.127	85.0	0.410	17.0	< 0.127	12.0	10 < f ≤ 50	6.750
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.	< 0.127	> 100	0.363	20.0	< 0.127	73.0	10 < f ≤ 50	7.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	85.0	0.465	85.0	0.276	57.0	50 < f ≤ 100	18.500
09.00 a.m. - 10.00 a.m.	< 0.127	85.0	0.331	4.6	< 0.127	11.0	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.007	4.3	< 0.127	3.6	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.394	10.0	0.213	7.2	f ≤ 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.	< 0.127	> 100	0.686	24.0	< 0.127	> 100	10 < f ≤ 50	8.500
24 Hour Maximum	-	-	1.094	19.0	-	-	10 < f ≤ 50	7.250

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 J, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/13
 Sample Type : Vibration
 Sampling Date : 07 - 08 February 2026
 Received Date : 09 February 2026
 Analytical Date : 09 - 18 February 2026
 Report Date : 19 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.457	13.0	< 0.127	> 100	10 < f ≤ 50	5.750
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.	< 0.127	> 100	0.355	4.5	< 0.127	4.5	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.473	4.5	0.221	85.0	f ≤ 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.	< 0.127	> 100	0.323	20.0	< 0.127	57.0	10 < f ≤ 50	7.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	85.0	0.410	17.0	< 0.127	12.0	10 < f ≤ 50	6.750
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.	< 0.127	85.0	0.465	85.0	0.276	57.0	50 < f ≤ 100	18.500
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	-	-
11.00 a.m. - 12.00 p.m.	< 0.127	85.0	0.331	4.6	< 0.127	11.0	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.394	10.0	0.213	7.2	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.686	24.0	< 0.127	> 100	10 < f ≤ 50	8.500
24 Hour Maximum	-	-	0.686	24.0	-	-	10 < f ≤ 50	8.500

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : Z21A2601 and S/N UM22200



TNP ENVIRONMENT CO.,LTD.

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

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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 08 - 09 February 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

* Not ha

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/15
 Sample Type : Vibration
 Sampling Date : 09 - 10 February 2026
 Received Date : 11 February 2026
 Analytical Date : 11 - 18 February 2026
 Report Date : 19 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	< 0.127	> 100	1.048	51.0	< 0.127	> 100	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.402	4.9	< 0.127	> 100	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.434	4.3	< 0.127	> 100	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	1.907	57.0	< 0.127	> 100	50 < f ≤ 100	15.700
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.	< 0.127	> 100	0.355	4.7	< 0.127	> 100	f ≤ 10	5.000
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.363	32.0	< 0.127	> 100	10 < f ≤ 50	10.500
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	64.0	0.402	4.9	< 0.127	43.0	f ≤ 10	5.000
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.	< 0.127	> 100	0.300	21.0	< 0.127	5.3	10 < f ≤ 50	7.750
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.	< 0.127	> 100	0.646	73.0	< 0.127	> 100	50 < f ≤ 100	17.300
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.339	> 100	0.150	> 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.	< 0.127	> 100	0.654	85.0	< 0.127	> 100	50 < f ≤ 100	18.500
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.930	85.0	< 0.127	57.0	50 < f ≤ 100	18.500
24 Hour Maximum	-	-	1.907	57.0	-	-	50 < f ≤ 100	15.700

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 4, dated June 2 B.E. 2553 (2010)

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : T21A2601 and S/N UM22200



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 ชีวาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/17
Sample Type : Vibration
Sampling Date : 10 - 11 February 2026
Received Date : 12 February 2026
Analytical Date : 12 - 18 February 2026
Report Date : 19 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	3.2	0.252	3.5	< 0.127	4.1	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	9.3	0.575	9.5	< 0.127	15.0	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	8.7	0.765	9.3	< 0.127	15.0	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	9.0	0.607	8.3	< 0.127	16.0	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	8.5	0.504	8.5	< 0.127	17.0	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	8.3	0.599	9.1	0.441	15.0	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	8.3	0.544	8.8	< 0.127	15.0	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	8.1	0.504	8.8	< 0.127	15.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	6.6	0.441	10.0	< 0.127	12.0	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	7.4	0.567	9.8	0.339	8.7	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	7.2	0.544	10.0	< 0.127	8.1	$f \leq 10$	5.000
24 Hour Maximum	-	-	0.765	9.3	-	-	$f \leq 10$	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 = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซีฮาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/19
Sample Type : Vibration
Sampling Date : 11 - 12 February 2026
Received Date : 13 February 2026
Analytical Date : 13 - 18 February 2026
Report Date : 19 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	8.3	0.725	10.0	< 0.127	10.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	12.0	0.694	12.0	< 0.127	3.3	$10 < f \leq 50$	5.500
04.00 p.m. - 05.00 p.m.	< 0.127	7.2	0.917	10.0	0.441	11.0	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	6.9	0.686	9.8	0.372	11.0	$f \leq 10$	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.	0.134	2.4	0.449	2.9	0.236	2.9	$f \leq 10$	5.000
08.00 p.m. - 09.00 p.m.	0.204	3.6	0.370	2.6	0.158	2.0	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	1.8	0.843	3.8	0.339	3.6	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	3.5	1.080	5.9	< 0.127	4.2	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	0.835	4.3	0.851	3.4	< 0.127	2.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	2.4	0.788	3.1	0.134	1.8	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	1.6	0.662	2.9	< 0.127	1.7	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	1.2	0.402	2.3	< 0.127	2.2	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.080	5.9	-	-	$f \leq 10$	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) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/21
Sample Type : Vibration
Sampling Date : 12 - 13 February 2026
Received Date : 16 February 2026
Analytical Date : 16 - 18 February 2026
Report Date : 19 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	2.4	0.851	3.8	0.264	3.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	1.7	0.457	2.7	< 0.127	1.9	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	2.1	0.347	2.0	0.725	2.7	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	1.9	0.733	2.5	< 0.127	2.2	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	1.7	0.812	2.9	0.504	2.2	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	2.5	1.025	3.3	0.346	2.1	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	2.0	1.127	3.7	< 0.127	2.0	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	73.0	1.427	> 100	0.402	> 100	$f > 100$	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	57.0	0.402	4.8	< 0.127	57.0	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	4.2	0.426	4.6	< 0.127	39.0	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.694	28.0	< 0.127	24.0	$10 < f \leq 50$	9.500
24 Hour Maximum	-	-	1.427	> 100	-	-	$f > 100$	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





TNP ENVIRONMENT CO.,LTD.

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

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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

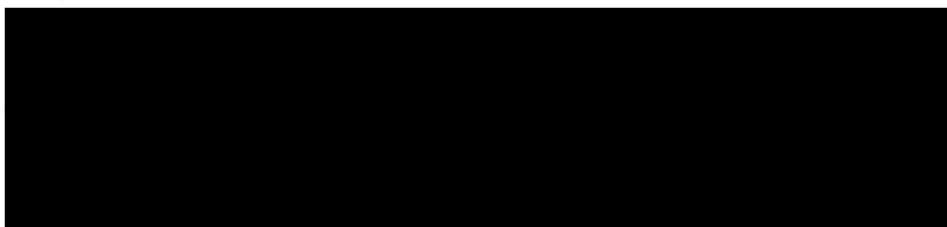
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/23
Sample Type : Vibration
Sampling Date : 13 - 14 February 2026
Received Date : 16 February 2026
Analytical Date : 16 - 25 February 2026
Report Date : 26 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.772	> 100	< 0.127	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.340	24.0	< 0.127	6.6	10 < f ≤ 50	8.500
04.00 p.m. - 05.00 p.m.	< 0.127	9.0	0.441	18.0	< 0.127	17.0	10 < f ≤ 50	7.000
05.00 p.m. - 06.00 p.m.	< 0.127	73.0	0.465	12.0	< 0.127	43.0	10 < f ≤ 50	5.500
06.00 p.m. - 07.00 p.m.	< 0.127	8.3	0.528	4.2	< 0.127	3.2	f ≤ 10	5.000
07.00 p.m. - 08.00 p.m.	< 0.127	23.0	0.307	17.0	< 0.127	18.0	10 < f ≤ 50	6.750
08.00 p.m. - 09.00 p.m.	< 0.127	4.3	0.441	15.0	< 0.127	> 100	10 < f ≤ 50	6.250
09.00 p.m. - 10.00 p.m.	< 0.127	8.0	0.315	9.0	< 0.127	15.0	f ≤ 10	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	< 0.127	5.6	0.307	9.5	< 0.127	> 100	f ≤ 10	5.000
12.00 a.m. - 01.00 a.m.	< 0.127	> 100	0.307	10.0	< 0.127	8.4	f ≤ 10	5.000
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.	< 0.127	51.0	0.355	16.0	< 0.127	> 100	10 < f ≤ 50	6.500
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.363	4.3	< 0.127	> 100	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.536	4.4	< 0.127	> 100	f ≤ 10	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.623	28.0	< 0.127	> 100	10 < f ≤ 50	9.500
09.00 a.m. - 10.00 a.m.	< 0.127	64.0	0.426	4.3	< 0.127	> 100	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.402	47.0	< 0.127	> 100	10 < f ≤ 50	14.250
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.323	13.0	< 0.127	> 100	10 < f ≤ 50	5.750
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.859	2.8	< 0.127	73.0	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	2.223	47.0	< 0.127	> 100	10 < f ≤ 50	14.250
24 Hour Maximum	-	-	2.223	47.0	-	-	10 < f ≤ 50	14.250

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/25
Sample Type : Vibration
Sampling Date : 14 - 15 February 2026
Received Date : 16 February 2026
Analytical Date : 16 - 25 February 2026
Report Date : 26 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	73.0	0.473	73.0	< 0.127	> 100	50 < f ≤ 100	17.300
03.00 p.m. - 04.00 p.m.	< 0.127	43.0	0.370	51.0	0.189	27.0	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.315	4.8	0.173	5.3	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.615	4.1	0.150	9.7	f ≤ 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.	< 0.127	> 100	0.757	4.6	< 0.127	4.9	f ≤ 10	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	73.0	0.339	47.0	0.197	57.0	10 < f ≤ 50	14.250
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.	< 0.127	> 100	0.315	43.0	< 0.127	85.0	10 < f ≤ 50	13.250
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.441	4.4	< 0.127	5.1	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.394	6.0	0.339	8.7	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.300	21.0	< 0.127	6.2	10 < f ≤ 50	7.750
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.370	12.0	0.166	12.0	10 < f ≤ 50	5.500
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.355	4.3	< 0.127	5.4	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
24 Hour Maximum	-	-	0.757	4.6	-	-	f ≤ 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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

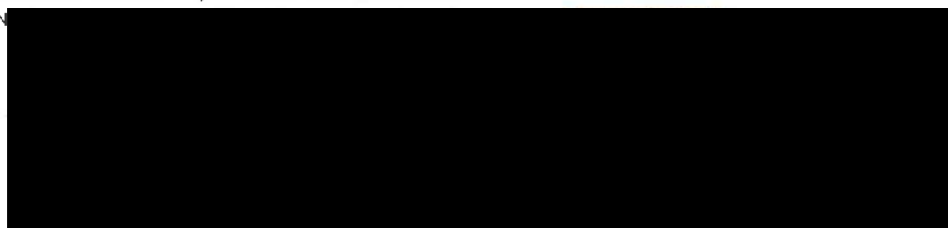
Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 15 - 16 February 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200

* N



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซิมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/27
 Sample Type : Vibration
 Sampling Date : 16 - 17 February 2026
 Received Date : 18 February 2026
 Analytical Date : 18 - 25 February 2026
 Report Date : 26 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	73.0	0.615	21.0	0.166	37.0	10 < f ≤ 50	7.750
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.552	12.0	0.418	8.1	10 < f ≤ 50	5.500
04.00 p.m. - 05.00 p.m.	< 0.127	73.0	0.363	57.0	0.205	85.0	50 < f ≤ 100	15.700
05.00 p.m. - 06.00 p.m.	< 0.127	73.0	0.386	4.3	0.134	4.3	f ≤ 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.	< 0.127	51.0	0.339	11.0	< 0.127	9.8	10 < f ≤ 50	5.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.363	4.2	0.142	3.2	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.339	16.0	< 0.127	17.0	10 < f ≤ 50	6.500
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.	< 0.127	> 100	0.331	32.0	0.197	47.0	10 < f ≤ 50	10.500
08.00 a.m. - 09.00 a.m.	< 0.127	73.0	0.189	39.0	0.560	> 100	10 < f ≤ 50	12.250
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.370	18.0	< 0.127	12.0	10 < f ≤ 50	7.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.512	17.0	< 0.127	> 100	10 < f ≤ 50	6.750
11.00 a.m. - 12.00 p.m.	< 0.127	85.0	1.301	64.0	< 0.127	64.0	50 < f ≤ 100	16.400
12.00 p.m. - 01.00 p.m.	< 0.127	51.0	0.899	> 100	0.276	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.378	7.9	0.465	8.7	f ≤ 10	5.000
24 Hour Maximum	-	-	1.301	64.0	-	-	50 < f ≤ 100	16.400

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/29
Sample Type : Vibration
Sampling Date : 17 - 18 February 2026
Received Date : 19 February 2026
Analytical Date : 19 - 25 February 2026
Report Date : 26 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.001	37.0	1.111	7.3	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	13.0	0.567	22.0	0.315	9.0	$10 < f \leq 50$	8.000
04.00 p.m. - 05.00 p.m.	< 0.127	85.0	0.899	6.6	0.260	12.0	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.701	3.5	0.276	3.3	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.441	37.0	0.244	37.0	$10 < f \leq 50$	11.750
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	1.545	> 100	1.230	> 100	$f > 100$	20.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.300	6.9	0.150	37.0	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	64.0	0.489	5.0	0.142	5.0	$f \leq 10$	5.000
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.	< 0.127	85.0	0.355	18.0	< 0.127	6.0	$10 < f \leq 50$	7.000
08.00 a.m. - 09.00 a.m.	< 0.127	51.0	0.599	2.9	0.189	2.8	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	2.365	> 100	1.151	> 100	$f > 100$	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.670	57.0	0.300	64.0	$50 < f \leq 100$	15.700
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.520	4.6	0.142	4.5	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.025	3.0	0.221	3.1	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.623	85.0	0.300	> 100	$50 < f \leq 100$	18.500
24 Hour Maximum	-	-	2.365	> 100	-	-	$f > 100$	20.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท สีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

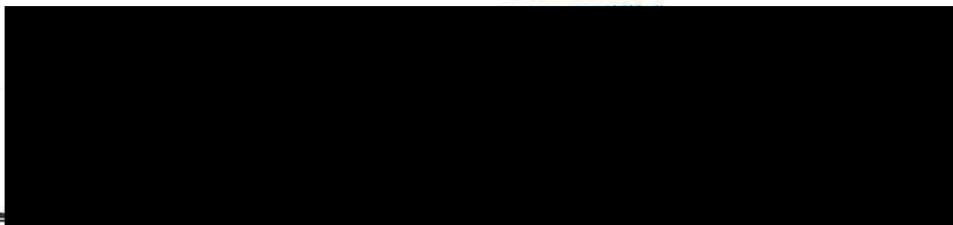
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/31
 Sample Type : Vibration
 Sampling Date : 18 - 19 February 2026
 Received Date : 20 February 2026
 Analytical Date : 20 - 25 February 2026
 Report Date : 26 February 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.269	> 100	0.512	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.701	26.0	0.418	> 100	10 < f ≤ 50	9.000
04.00 p.m. - 05.00 p.m.	< 0.127	73.0	0.607	57.0	0.623	73.0	50 < f ≤ 100	17.300
05.00 p.m. - 06.00 p.m.	< 0.127	85.0	0.670	5.5	0.181	7.2	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	1.371	39.0	0.173	26.0	10 < f ≤ 50	12.250
07.00 p.m. - 08.00 p.m.	< 0.127	47.0	0.709	27.0	0.142	9.8	10 < f ≤ 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.	< 0.127	> 100	0.378	5.4	< 0.127	5.9	f ≤ 10	5.000
11.00 p.m. - 12.00 a.m.	< 0.127	> 100	0.315	6.3	0.221	6.6	f ≤ 10	5.000
12.00 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.	< 0.127	> 100	0.363	4.7	< 0.127	5.3	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.599	4.4	0.150	4.3	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.307	28.0	0.150	85.0	10 < f ≤ 50	9.500
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.977	51.0	< 0.127	51.0	50 < f ≤ 100	15.100
09.00 a.m. - 10.00 a.m.	< 0.127	57.0	0.347	5.1	< 0.127	4.6	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.513	43.0	0.260	37.0	10 < f ≤ 50	13.250
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.473	3.0	0.173	2.8	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	13.0	0.820	> 100	0.260	17.0	f > 100	20.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.772	57.0	0.252	73.0	50 < f ≤ 100	15.700
24 Hour Maximum	-	-	1.513	43.0	-	-	10 < f ≤ 50	13.250

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/33
Sample Type : Vibration
Sampling Date : 19 - 20 February 2026
Received Date : 23 February 2026
Analytical Date : 23 - 25 February 2026
Report Date : 26 February 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	85.0	0.591	11.0	0.473	10.0	10 < f ≤ 50	5.250
03.00 p.m. - 04.00 p.m.	< 0.127	64.0	0.489	13.0	0.300	10.0	10 < f ≤ 50	5.750
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.520	4.4	0.213	5.1	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.370	4.7	0.150	5.0	f ≤ 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.	< 0.127	73.0	0.607	4.8	0.142	5.1	f ≤ 10	5.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.394	12.0	0.244	8.1	10 < f ≤ 50	5.500
08.00 a.m. - 09.00 a.m.	< 0.127	47.0	0.473	4.6	0.158	17.0	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.394	4.5	0.197	4.1	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.552	> 100	0.236	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.804	4.6	0.205	4.3	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.951	9.5	0.591	8.0	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.072	> 100	0.599	> 100	f > 100	20.000
24 Hour Maximum	-	-	1.072	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/35
Sample Type : Vibration
Sampling Date : 20 - 21 February 2026
Received Date : 23 February 2026
Analytical Date : 23 February - 04 March 2026
Report Date : 05 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.536	85.0	0.244	85.0	50 < f ≤ 100	18.500
03.00 p.m. - 04.00 p.m.	< 0.127	34.0	0.402	> 100	0.166	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.915	4.3	0.150	4.1	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.829	57.0	0.378	64.0	50 < f ≤ 100	15.700
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.470	13.0	0.189	64.0	10 < f ≤ 50	5.750
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.631	21.0	0.150	43.0	10 < f ≤ 50	7.750
09.00 a.m. - 10.00 a.m.	< 0.127	51.0	0.804	4.5	0.173	5.0	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.750	47.0	0.365	64.0	10 < f ≤ 50	14.250
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.825	4.7	0.147	2.6	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.703	30.0	0.524	26.0	10 < f ≤ 50	10.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.544	34.0	0.394	64.0	10 < f ≤ 50	11.000
24 Hour Maximum	-	-	0.915	4.3	-	-	f ≤ 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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซีฮาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/37
Sample Type : Vibration
Sampling Date : 21 - 22 February 2026
Received Date : 23 February 2026
Analytical Date : 23 February - 04 March 2026
Report Date : 05 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.975	5.6	0.213	10.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.818	12.0	0.292	7.5	$10 < f \leq 50$	5.500
04.00 p.m. - 05.00 p.m.	< 0.127	57.0	0.831	12.0	0.205	8.7	$10 < f \leq 50$	5.500
05.00 p.m. - 06.00 p.m.	< 0.127	64.0	0.420	8.4	0.434	7.8	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.441	37.0	0.244	37.0	$10 < f \leq 50$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	-	-	0.975	5.6	-	-	$f \leq 10$	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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. 731A2601 and 6/4/UM22200



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา 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 ศิษยาภิบาล จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 22 - 23 February 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200
* Not have monitoring environment because on Sunday of holiday.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

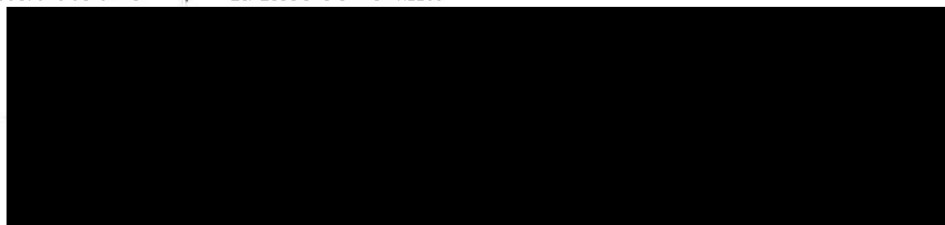
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/39
 Sample Type : Vibration
 Sampling Date : 23 - 24 February 2026
 Received Date : 25 February 2026
 Analytical Date : 25 February - 04 March 2026
 Report Date : 05 March 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.733	> 100	0.166	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.654	> 100	< 0.127	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	16.0	0.684	> 100	0.221	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.410	4.6	< 0.127	4.8	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.481	4.0	0.158	3.8	f ≤ 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.662	> 100	0.386	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.457	> 100	0.402	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.426	> 100	0.339	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.965	7.5	0.150	12.0	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.434	11.0	0.158	6.5	10 < f ≤ 50	5.250
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.807	19.0	0.166	9.7	10 < f ≤ 50	7.250
24 Hour Maximum	-	-	0.965	7.5	-	-	f ≤ 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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ซีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/41
Sample Type : Vibration
Sampling Date : 24 - 25 February 2026
Received Date : 26 February 2026
Analytical Date : 26 February - 04 March 2026
Report Date : 05 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.096	57.0	0.465	> 100	50 < f ≤ 100	15.700
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.	< 0.127	> 100	0.504	14.0	0.150	16.0	10 < f ≤ 50	6.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.339	> 100	0.221	> 100	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.418	4.5	< 0.127	5.4	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	17.0	0.315	16.0	0.142	13.0	10 < f ≤ 50	6.500
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.	< 0.127	> 100	2.530	> 100	0.977	< 0.1	f > 100	20.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.796	> 100	0.567	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.441	4.4	< 0.127	6.8	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	1.490	11.0	0.434	12.0	10 < f ≤ 50	5.250
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.939	85.0	0.560	> 100	50 < f ≤ 100	18.500
01.00 p.m. - 02.00 p.m.	< 0.127	64.0	0.457	> 100	0.181	1.1	f > 100	20.000
24 Hour Maximum	-	-	2.530	> 100	-	-	f > 100	20.000

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 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200





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 ทิฆัมภ์ก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/43
Sample Type : Vibration
Sampling Date : 25 - 26 February 2026
Received Date : 27 February 2026
Analytical Date : 27 February - 04 March 2026
Report Date : 05 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.355	4.6	< 0.127	5.1	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.253	85.0	0.694	> 100	$50 < f \leq 100$	18.500
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.394	> 100	0.244	> 100	$f > 100$	20.000
05.00 p.m. - 06.00 p.m.	< 0.127	19.0	2.341	> 100	0.804	> 100	$f > 100$	20.000
06.00 p.m. - 07.00 p.m.	< 0.127	73.0	0.378	> 100	0.434	> 100	$f > 100$	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.	< 0.127	28.0	0.489	43.0	0.709	73.0	$50 < f \leq 100$	17.300
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	< 0.127	> 100	0.331	3.0	< 0.127	8.3	$f \leq 10$	5.000
12.00 a.m. - 01.00 a.m.	< 0.127	> 100	0.386	9.5	< 0.127	5.0	$f \leq 10$	5.000
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.	< 0.127	10.0	0.402	14.0	< 0.127	16.0	$10 < f \leq 50$	6.000
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.	< 0.127	> 100	0.536	16.0	0.213	15.0	$10 < f \leq 50$	6.500
08.00 a.m. - 09.00 a.m.	< 0.127	64.0	0.363	30.0	0.158	11.0	$10 < f \leq 50$	10.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.757	73.0	0.536	> 100	$50 < f \leq 100$	17.300
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.	< 0.127	> 100	0.654	> 100	0.268	> 100	$f > 100$	20.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.701	16.0	< 0.127	> 100	$10 < f \leq 50$	6.500
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.552	16.0	< 0.127	> 100	$10 < f \leq 50$	6.500
24 Hour Maximum	-	-	2.341	> 100	-	-	$f > 100$	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

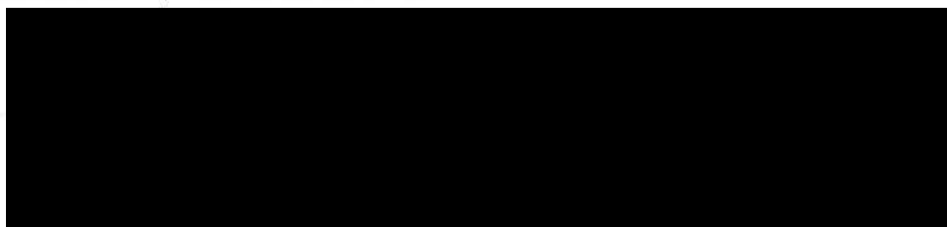
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/45
 Sample Type : Vibration
 Sampling Date : 26 - 27 February 2026
 Received Date : 02 March 2026
 Analytical Date : 02 - 04 March 2026
 Report Date : 05 March 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.741	17.0	< 0.127	> 100	10 < f ≤ 50	6.750
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.583	18.0	< 0.127	> 100	10 < f ≤ 50	7.000
04.00 p.m. - 05.00 p.m.	< 0.127	28.0	0.591	20.0	< 0.127	> 100	10 < f ≤ 50	7.500
05.00 p.m. - 06.00 p.m.	< 0.127	64.0	0.638	20.0	< 0.127	> 100	10 < f ≤ 50	7.500
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.457	37.0	< 0.127	73.0	10 < f ≤ 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.	< 0.127	> 100	0.449	> 100	< 0.127	> 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.969	21.0	< 0.127	> 100	10 < f ≤ 50	7.750
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	1.069	14.0	< 0.127	> 100	10 < f ≤ 50	6.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.960	34.0	< 0.127	57.0	10 < f ≤ 50	11.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	1.108	15.0	0.363	20.0	10 < f ≤ 50	6.250
12.00 p.m. - 01.00 p.m.	< 0.124	> 100	0.355	17.0	0.599	3.7	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.631	13.0	< 0.127	6.8	10 < f ≤ 50	5.750
24 Hour Maximum	-	-	1.108	15.0	-	-	10 < f ≤ 50	6.250

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)

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/47
Sample Type : Vibration
Sampling Date : 27 - 28 February 2026
Received Date : 02 March 2026
Analytical Date : 02 - 04 March 2026
Report Date : 05 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.528	> 100	0.189	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.167	28.0	1.009	43.0	10 < f ≤ 50	9.500
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.497	4.4	< 0.127	> 100	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.804	> 100	< 0.127	> 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.670	> 100	< 0.127	5.1	f > 100	20.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.920	> 100	< 0.127	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.847	> 100	< 0.127	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	57.0	0.323	> 100	< 0.127	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	< 0.127	64.0	0.591	> 100	0.552	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	< 0.127	85.0	1.038	> 100	0.315	> 100	f > 100	20.000
24 Hour Maximum	-	-	1.167	28.0	-	-	10 < f ≤ 50	9.500

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา 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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/49
Sample Type : Vibration
Sampling Date : 28 February - 01 March 2026
Received Date : 02 March 2026
Analytical Date : 02 - 04 March 2026
Report Date : 05 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	57.0	0.662	> 100	0.323	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.686	> 100	0.323	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.814	> 100	0.362	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.315	> 100	0.247	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	< 0.127	85.0	0.323	> 100	0.205	> 100	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.	< 0.127	51.0	0.583	8.1	0.560	11.0	f ≤ 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	-	-	0.814	> 100	-	-	f > 100	20.000

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 69-4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



TNP ENVIRONMENT CO.,LTD.

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

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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 01 - 02 March 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

* Not for monitoring station use only. For use only for field



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา 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 ศิมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/3
Sample Type : Vibration
Sampling Date : 02 - 03 March 2026
Received Date : 04 March 2026
Analytical Date : 04 - 09 March 2026
Report Date : 10 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.394	43.0	0.150	4.4	10 < f ≤ 50	13.250
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.820	85.0	0.426	> 100	50 < f ≤ 100	18.500
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.583	4.9	0.205	4.5	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.434	43.0	0.307	34.0	10 < f ≤ 50	13.250
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.	< 0.127	> 100	0.820	85.0	0.434	> 100	50 < f ≤ 100	18.500
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.300	4.8	0.173	5.0	f ≤ 10	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.591	4.5	0.197	4.3	f ≤ 10	5.000
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.	< 0.127	> 100	0.709	30.0	0.363	51.0	10 < f ≤ 50	10.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	1.127	3.2	0.386	3.4	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	2.357	> 100	1.040	85.0	f > 100	20.000
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.	< 0.127	> 100	0.678	27.0	0.268	23.0	10 < f ≤ 50	9.250
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.230	3.0	0.426	2.6	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 1.00	0.686	30.0	0.418	57.0	10 < f ≤ 50	10.000
24 Hour Maximum	-	-	2.357	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ดีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 03 - 04 March 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

** Not have monitoring environment because 03 Marc 2026 is public holiday



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/5
Sample Type : Vibration
Sampling Date : 04 - 05 March 2026
Received Date : 06 March 2026
Analytical Date : 06 - 16 March 2026
Report Date : 17 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.844	> 100	2.081	< 1.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.938	3.8	0.300	3.5	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	32.0	0.378	30.0	0.134	30.0	$10 < f \leq 50$	10.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.426	18.0	0.134	24.0	$10 < f \leq 50$	7.000
06.00 p.m. - 07.00 p.m.	< 0.127	73.0	0.300	85.0	0.607	> 100	$f > 100$	20.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.473	3.9	0.244	4.4	$f \leq 10$	5.000
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. - 12.00 a.m.	< 0.127	85.0	0.378	11.0	< 0.127	11.0	$10 < f \leq 50$	5.250
12.00 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.	< 0.127	> 100	0.386	4.7	< 0.127	4.7	$f \leq 10$	5.000
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.	< 0.127	> 100	0.323	26.0	0.181	57.0	$10 < f \leq 50$	9.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.197	39.0	0.307	39.0	$10 < f \leq 50$	12.250
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.	< 0.127	< 1.0	1.978	> 100	0.701	> 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.	< 0.127	> 100	0.394	18.0	< 0.127	17.0	$10 < f \leq 50$	7.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.986	> 100	2.499	> 100	$f > 100$	20.000
24 Hour Maximum	-	-	-	-	2.499	> 100	$f > 100$	20.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา 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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/7
Sample Type : Vibration
Sampling Date : 05 - 06 March 2026
Received Date : 09 March 2026
Analytical Date : 09 - 16 March 2026
Report Date : 17 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	85.0	0.623	2.9	0.244	3.5	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	2.837	> 100	1.025	> 100	$f > 100$	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.733	> 100	0.252	> 100	$f > 100$	20.000
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.	< 0.127	> 100	0.694	64.0	0.244	57.0	$50 < f \leq 100$	16.400
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.	< 0.127	> 100	0.315	27.0	0.197	64.0	$10 < f \leq 50$	9.250
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.355	4.4	0.166	3.8	$f \leq 10$	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	< 0.127	> 100	0.331	10.0	< 0.127	13.0	$f \leq 10$	5.000
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.	< 0.127	> 100	0.583	4.3	0.197	4.7	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.370	13.0	0.213	16.0	$10 < f \leq 50$	5.750
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.394	37.0	0.150	30.0	$10 < f \leq 50$	11.750
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.780	3.7	0.315	3.0	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.552	3.0	0.197	3.5	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.709	3.0	0.197	2.5	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	51.0	0.575	2.5	0.142	3.0	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	85.0	0.378	4.8	0.142	4.6	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.017	2.5	0.323	3.1	$f \leq 10$	5.000
24 Hour Maximum	-	-	2.837	> 100	-	-	$f > 100$	20.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Mo



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบารักพัฒนา 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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/9
Sample Type : Vibration
Sampling Date : 06 - 07 March 2026
Received Date : 09 March 2026
Analytical Date : 09 - 16 March 2026
Report Date : 17 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.370	85.0	0.292	> 100	50 < f ≤ 100	18.500
03.00 p.m. - 04.00 p.m.	< 0.127	85.0	0.520	4.3	0.173	4.6	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.457	26.0	0.962	23.0	10 < f ≤ 50	8.250
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.867	> 100	1.568	13.0	10 < f ≤ 50	5.750
06.00 p.m. - 07.00 p.m.	< 0.127	57.0	1.001	73.0	0.323	> 100	10 < f ≤ 50	20.750
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.	< 0.127	85.0	0.410	28.0	0.205	28.0	10 < f ≤ 50	9.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.426	4.5	0.173	3.7	f ≤ 10	5.000
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.	< 0.127	57.0	0.347	28.0	0.158	13.0	10 < f ≤ 50	9.500
08.00 a.m. - 09.00 a.m.	< 0.127	12.0	0.757	3.7	0.355	3.2	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.465	> 100	0.205	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.441	4.4	0.150	4.1	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.638	2.8	0.284	3.0	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.623	4.2	0.173	6.3	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.301	> 100	1.230	> 100	f > 100	20.000
24 Hour Maximum	-	-	-	-	1.568	13.0	10 < f ≤ 50	5.750

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 ง, dated June 2 B.E. 2553 (2010)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/11
Sample Type : Vibration
Sampling Date : 07 - 08 March 2026
Received Date : 09 March 2026
Analytical Date : 09 - 16 March 2026
Report Date : 17 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	57.0	0.757	> 100	1.474	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.583	4.4	0.189	3.4	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	64.0	0.701	2.7	0.292	2.9	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	51.0	1.048	85.0	1.056	> 100	50 < f ≤ 100	18.500
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.307	30.0	0.205	85.0	10 < f ≤ 50	10.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	20.0	0.315	4.0	0.173	3.8	f ≤ 10	5.000
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.	< 0.127	47.0	0.883	3.9	0.260	5.2	f ≤ 10	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.457	4.5	0.150	4.4	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.457	5.0	0.166	3.7	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.418	4.7	0.142	4.5	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.895	4.4	0.173	6.3	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.402	4.8	0.150	5.2	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.752	4.5	0.181	3.9	f ≤ 10	5.000
24 Hour Maximum	-	-	-	-	1.474	> 100	f > 100	20.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 08 - 09 March 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200
* Not have monitoring environment because on Sunday of holiday



TNP ENVIRONMENT CO.,LTD.

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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มโก้สร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/13
Sample Type : Vibration
Sampling Date : 09 - 10 March 2026
Received Date : 11 March 2026
Analytical Date : 11 - 16 March 2026
Report Date : 17 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.378	4.5	< 0.127	6.9	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	30.0	0.402	> 100	0.213	> 100	$f > 100$	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.465	13.0	0.142	14.0	$10 < f \leq 50$	5.750
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.	< 0.127	> 100	0.331	34.0	< 0.127	5.9	$10 < f \leq 50$	11.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.300	37.0	0.347	64.0	$10 < f \leq 50$	11.750
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.307	10.0	< 0.127	14.0	$f \leq 10$	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.	< 0.127	> 100	0.307	5.4	0.142	5.4	$f \leq 10$	5.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.418	5.8	0.166	4.9	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.441	15.0	0.205	16.0	$10 < f \leq 50$	6.250
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.355	37.0	0.173	4.3	$10 < f \leq 50$	11.750
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.599	2.6	0.213	2.8	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.418	16.0	0.292	11.0	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.308	> 100	0.725	> 100	$f > 100$	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.378	4.5	< 0.127	3.9	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.378	4.5	< 0.127	6.9	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.457	4.5	0.150	4.4	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.308	> 100	-	-	$f > 100$	20.000

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Model and Serial No. : 721A2601 and S/N UM22200



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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 ซียาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/15
Sample Type : Vibration
Sampling Date : 10 - 11 March 2026
Received Date : 12 March 2026
Analytical Date : 12 - 16 March 2026
Report Date : 17 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.181	27.0	0.363	6.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.631	3.3	0.205	3.1	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.843	4.3	0.284	5.0	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.835	3.8	0.402	3.8	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.323	64.0	0.142	85.0	$50 < f \leq 100$	16.400
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.378	4.7	0.166	4.1	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.370	4.9	0.142	5.3	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	85.0	0.623	32.0	0.236	30.0	$10 < f \leq 50$	10.500
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	1.308	73.0	0.544	> 100	$50 < f \leq 100$	17.300
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.599	2.9	0.173	3.1	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.181	39.0	0.355	7.6	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.544	2.8	0.205	3.5	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.662	39.0	0.449	43.0	$10 < f \leq 50$	12.250
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.370	4.7	0.213	3.8	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.308	73.0	-	-	$50 < f \leq 100$	17.300

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา 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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/17
Sample Type : Vibration
Sampling Date : 11 - 12 March 2026
Received Date : 13 March 2026
Analytical Date : 13 - 23 March 2026
Report Date : 24 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.701	2.5	< 0.127	3.8	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.370	4.1	< 0.127	5.6	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	85.0	0.654	2.3	< 0.127	4.0	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.670	3.3	< 0.127	4.0	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	57.0	0.583	3.3	0.181	3.1	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	4.3	0.717	34.0	0.347	> 100	$10 < f \leq 50$	11.000
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.	< 0.127	> 100	0.780	15.0	0.173	20.0	$10 < f \leq 50$	6.250
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.	< 0.127	> 100	0.631	34.0	1.884	13.0	$10 < f \leq 50$	5.750
24 Hour Maximum	-	-	-	-	1.884	13.0	$10 < f \leq 50$	5.750

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Model and Serial No. : 721A2601 and S/N UM22200



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 ชัยภาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/19
Sample Type : Vibration
Sampling Date : 12 - 13 March 2026
Received Date : 16 March 2026
Analytical Date : 16 - 23 March 2026
Report Date : 24 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.695	1.4	0.646	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.465	47.0	0.276	64.0	$10 < f \leq 50$	14.250
04.00 p.m. - 05.00 p.m.	< 0.127	85.0	0.339	9.8	< 0.127	9.8	$f \leq 10$	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.	< 0.127	> 100	0.315	6.2	< 0.127	8.0	$f \leq 10$	5.000
11.00 p.m. - 12.00 a.m.	< 0.127	> 100	0.418	6.8	< 0.127	8.1	$f \leq 10$	5.000
12.00 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.	< 0.127	9.3	0.544	3.4	< 0.127	7.9	$f \leq 10$	5.000
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.	< 0.127	13.0	0.441	47.0	0.134	39.0	$10 < f \leq 50$	14.250
08.00 a.m. - 09.00 a.m.	< 0.127	7.9	0.631	15.0	0.158	85.0	$10 < f \leq 50$	6.250
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.575	5.3	< 0.127	6.8	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	73.0	0.512	8.7	0.717	9.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.307	5.1	< 0.127	5.7	$f \leq 10$	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.	< 0.127	85.0	0.426	4.0	0.134	5.0	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.695	1.4	-	-	$f \leq 10$	5.000

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Model and Serial No. : 721A2601 and S/N UM22200



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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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/21
Sample Type : Vibration
Sampling Date : 13 - 14 March 2026
Received Date : 16 March 2026
Analytical Date : 16 - 23 March 2026
Report Date : 24 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.315	12.0	< 0.127	22.0	10 < f ≤ 50	5.500
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.497	4.7	0.181	4.7	f ≤ 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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.512	85.0	0.221	> 100	50 < f ≤ 100	18.500
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.	< 0.127	> 100	0.315	4.5	< 0.127	5.0	f ≤ 10	5.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.331	9.3	< 0.127	15.0	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.323	3.5	< 0.127	4.7	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	73.0	0.575	64.0	0.181	> 100	50 < f ≤ 100	16.400
08.00 a.m. - 09.00 a.m.	< 0.127	43.0	0.331	5.8	< 0.127	16.0	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.331	51.0	0.386	> 100	50 < f ≤ 100	15.100
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.512	4.7	< 0.129	5.4	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	64.0	0.465	> 100	0.173	> 100	f > 100	20.000
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.	< 0.127	> 100	0.441	5.1	0.173	5.7	f ≤ 10	5.000
24 Hour Maximum	-	-	0.575	64.0	-	-	50 < f ≤ 100	16.400

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Model and Serial No. : 721A2601 and S/N UM22200



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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/23
Sample Type : Vibration
Sampling Date : 14 - 15 March 2026
Received Date : 16 March 2026
Analytical Date : 16 - 23 March 2026
Report Date : 24 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.434	4.7	< 0.127	5.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.355	85.0	< 0.127	> 100	$50 < f \leq 100$	18.500
04.00 p.m. - 05.00 p.m.	< 0.127	47.0	0.307	28.0	0.166	3.6	$10 < f \leq 50$	9.500
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.497	4.1	0.134	4.6	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.363	37.0	0.268	23.0	$10 < f \leq 50$	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.	< 0.127	57.0	0.441	> 100	0.260	64.0	$f > 100$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	64.0	0.315	4.1	0.134	13.0	$f \leq 10$	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.378	4.1	0.134	4.2	$f \leq 10$	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.	< 0.127	> 100	0.520	4.5	< 0.127	7.1	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	64.0	0.575	4.1	< 0.127	7.6	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	47.0	0.512	2.3	< 0.127	5.6	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.631	3.8	< 0.127	4.5	$f \leq 10$	5.000
24 Hour Maximum	-	-	0.631	3.8	-	-	$f \leq 10$	5.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 15 - 16 March 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
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Model

* Not ha



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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

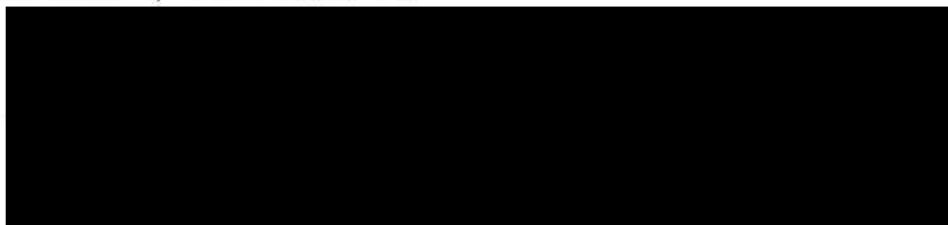
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/25
Sample Type : Vibration
Sampling Date : 16 - 17 March 2026
Received Date : 18 March 2026
Analytical Date : 18 - 23 March 2026
Report Date : 24 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.583	4.5	0.181	6.4	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	64.0	1.884	> 100	0.504	> 100	$f > 100$	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.370	3.8	< 0.127	4.5	$f \leq 10$	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.	< 0.127	73.0	0.323	3.9	< 0.127	4.3	$f \leq 10$	5.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.638	4.3	0.150	4.4	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
10.00 a.m. - 11.00 a.m.	< 0.127	85.0	1.119	43.0	0.891	17.0	$10 < f \leq 50$	13.250
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.	< 0.127	> 100	0.315	17.0	< 0.127	> 100	$10 < f \leq 50$	6.750
24 Hour Maximum	-	-	1.884	> 100	-	-	$f > 100$	20.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/27
Sample Type : Vibration
Sampling Date : 17 - 18 March 2026
Received Date : 19 March 2026
Analytical Date : 19 - 23 March 2026
Report Date : 24 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.449	5.6	0.134	9.3	$f \leq 10$	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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.489	20.0	< 0.127	47.0	$10 < f \leq 50$	7.500
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.757	17.0	0.300	> 100	$10 < f \leq 50$	6.750
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.	< 0.127	> 100	0.339	> 100	0.158	4.5	$f > 100$	20.000
09.00 p.m. - 10.00 p.m.	< 0.127	39.0	0.307	4.5	< 0.127	4.8	$f \leq 10$	5.000
10.00 p.m. - 11.00 p.m.	< 0.127	> 100	0.307	12.0	< 0.127	26.0	$10 < f \leq 50$	5.500
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.552	23.0	< 0.127	26.0	$10 < f \leq 50$	8.250
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	< 0.127	73.0	0.307	> 100	$f > 100$	20.000
09.00 a.m. - 10.00 a.m.	< 0.127	85.0	0.686	23.0	0.221	15.0	$10 < f \leq 50$	8.250
10.00 a.m. - 11.00 a.m.	< 0.127	85.0	0.331	4.2	< 0.127	11.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.717	17.0	0.315	9.3	$10 < f \leq 50$	6.750
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.347	12.0	< 0.127	9.8	$10 < f \leq 50$	5.500
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.646	17.0	0.181	32.0	$10 < f \leq 50$	6.750
24 Hour Maximum	-	-	0.757	17.0	-	-	$10 < f \leq 50$	6.750

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็นเอก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/29
Sample Type : Vibration
Sampling Date : 18 - 19 March 2026
Received Date : 20 March 2026
Analytical Date : 20 - 30 March 2026
Report Date : 31 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.851	> 100	1.442	27.0	10 < f ≤ 50	9.250
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.434	3.4	0.166	2.6	f ≤ 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.	< 0.127	> 100	0.378	39.0	0.323	> 100	10 < f ≤ 50	12.250
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.504	> 100	0.457	> 100	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	< 0.127	> 100	0.489	9.7	< 0.127	8.3	f ≤ 10	5.000
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.	< 0.127	> 100	0.363	4.6	0.158	4.1	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.355	4.8	0.134	5.5	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	64.0	0.441	16.0	0.173	14.0	10 < f ≤ 50	6.500
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.	< 0.127	> 100	0.410	24.0	0.229	73.0	10 < f ≤ 50	8.500
09.00 a.m. - 10.00 a.m.	< 0.127	47.0	1.608	37.0	0.701	57.0	10 < f ≤ 50	11.750
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.	< 0.127	> 100	0.804	73.0	0.323	> 100	50 < f ≤ 100	17.300
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.363	> 100	0.331	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	< 0.127	64.0	0.741	3.8	0.189	6.6	f ≤ 10	5.000
24 Hour Maximum	-	-	1.608	37.0	-	-	10 < f ≤ 50	11.750

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 J, dated June 2 B.E. 2553 (2010)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/31
Sample Type : Vibration
Sampling Date : 19 - 20 March 2026
Received Date : 23 March 2026
Analytical Date : 23 - 30 March 2026
Report Date : 31 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.410	3.1	0.150	3.1	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.796	5.7	0.331	4.3	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.954	3.2	0.339	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.	< 0.127	> 100	0.276	34.0	0.481	10.0	$f \leq 10$	5.000
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.441	> 100	0.252	> 100	$f > 100$	20.000
08.00 p.m. - 09.00 p.m.	< 0.127	85.0	0.560	> 100	0.213	> 100	$f > 100$	20.000
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.307	5.9	0.213	4.6	$f \leq 10$	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	< 0.127	> 100	0.315	9.8	< 0.127	11.0	$f \leq 10$	5.000
12.00 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.	< 0.127	> 100	0.418	> 100	0.292	> 100	$f > 100$	20.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.394	30.0	1.592	11.0	$10 < f \leq 50$	5.250
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.410	47.0	0.213	6.3	$10 < f \leq 50$	14.250
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.	< 0.127	> 100	0.481	2.9	< 0.127	3.1	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	73.0	0.544	4.6	0.142	4.6	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.434	2.6	0.158	7.1	$f \leq 10$	5.000
24 Hour Maximum	-	-	-	-	1.592	11.0	$10 < f \leq 50$	5.250

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)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/33
Sample Type : Vibration
Sampling Date : 20 - 21 March 2026
Received Date : 23 March 2026
Analytical Date : 23 - 30 March 2026
Report Date : 31 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.883	3.1	0.315	4.2	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.922	2.6	0.339	2.6	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.512	18.0	0.173	22.0	$10 < f \leq 50$	7.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.323	6.2	0.134	19.0	$f \leq 10$	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.	< 0.127	> 100	0.323	18.0	0.166	47.0	$10 < f \leq 50$	7.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.725	37.0	0.481	51.0	$10 < f \leq 50$	11.750
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	85.0	0.441	18.0	0.189	26.0	$10 < f \leq 50$	7.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.607	4.3	0.221	4.3	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.497	4.4	0.205	4.3	$f \leq 10$	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.394	23.0	0.378	28.0	$10 < f \leq 50$	8.250
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.457	2.5	0.181	2.6	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	57.0	0.914	2.6	0.355	2.5	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.780	5.1	0.173	3.8	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.426	> 100	0.142	73.0	$f > 100$	20.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.804	2.7	0.221	3.0	$f \leq 10$	5.000
24 Hour Maximum	-	-	0.922	2.6	-	-	$f \leq 10$	5.000

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Model and Serial No. : 721A2601 and S/N UM22200



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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 ที่மாக่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/35
Sample Type : Vibration
Sampling Date : 21 - 22 March 2026
Received Date : 23 March 2026
Analytical Date : 23 - 30 March 2026
Report Date : 31 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	47.0	0.662	4.0	0.135	9.1	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.504	4.0	0.150	3.6	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.419	3.1	0.434	2.9	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.205	26.0	0.355	5.6	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	64.0	0.560	27.0	0.165	85.0	$10 < f \leq 50$	9.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	85.0	0.307	5.6	0.158	5.0	$f \leq 10$	5.000
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.	< 0.127	4.6	0.331	20.0	0.147	64.0	$10 < f \leq 50$	7.500
06.00 a.m. - 07.00 a.m.	< 0.127	20.0	0.426	4.7	0.173	3.9	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	34.0	0.780	5.1	0.236	8.1	$f \leq 10$	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.	< 0.127	> 100	1.245	3.4	0.441	3.6	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.765	2.9	0.181	4.4	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	1.450	2.8	0.473	2.8	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.111	2.5	0.323	2.7	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.033	3.4	0.331	3.3	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.450	2.8	-	-	$f \leq 10$	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 J, dated June 2 B.E. 2553 (2010)

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Model and Serial No. : 721A2601 and S/N UM22200



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 ทีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 22 - 23 March 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : T21A2601 and S/N UM22200

* Not have monitoring environment because on Sunday of holiday.



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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/37
Sample Type : Vibration
Sampling Date : 23 - 24 March 2026
Received Date : 25 March 2026
Analytical Date : 25 - 30 March 2026
Report Date : 31 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	64.0	0.638	4.7	0.166	4.4	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.371	2.8	0.504	3.2	$f \leq 10$	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.	< 0.127	> 100	0.575	28.0	0.213	20.0	$10 < f \leq 50$	9.500
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.	< 0.127	64.0	0.512	16.0	0.150	57.0	$10 < f \leq 50$	6.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	< 0.127	85.0	0.749	4.1	0.213	4.7	$f \leq 10$	5.000
01.00 a.m. - 02.00 a.m.	< 0.127	> 100	0.307	9.7	< 0.127	12.0	$f \leq 10$	5.000
02.00 a.m. - 03.00 a.m.	< 0.127	> 100	0.363	4.5	0.150	4.3	$f \leq 10$	5.000
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.	< 0.127	> 100	0.339	23.0	0.134	85.0	$10 < f \leq 50$	8.250
08.00 a.m. - 09.00 a.m.	< 0.127	85.0	0.512	28.0	0.180	73.0	$10 < f \leq 50$	9.500
09.00 a.m. - 10.00 a.m.	< 0.127	22.0	1.064	13.0	0.221	20.0	$10 < f \leq 50$	5.750
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.206	37.0	1.111	51.0	$10 < f \leq 50$	11.750
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.402	4.7	0.150	5.7	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.709	5.1	0.197	5.3	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.497	27.0	< 0.127	22.0	$10 < f \leq 50$	9.250
24 Hour Maximum	-	-	1.371	2.8	-	-	$f \leq 10$	5.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/39
Sample Type : Vibration
Sampling Date : 24 - 25 March 2026
Received Date : 26 March 2026
Analytical Date : 26 - 30 March 2026
Report Date : 31 March 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	51.0	0.891	2.7	0.244	3.4	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.033	2.4	0.402	2.2	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.544	5.5	0.197	8.8	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.339	5.4	0.134	47.0	$f \leq 10$	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.	< 0.127	> 100	0.583	13.0	0.181	85.0	$10 < f \leq 50$	5.750
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	57.0	0.536	4.3	0.181	4.3	$f \leq 10$	5.000
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.	< 0.127	51.0	0.315	20.0	0.142	64.0	$10 < f \leq 50$	7.500
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.709	3.0	0.284	2.7	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	1.498	> 100	0.418	> 100	$f > 100$	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.315	4.8	< 0.127	6.6	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.418	30.0	0.583	10.0	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.457	18.0	0.158	7.0	$10 < f \leq 50$	7.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.638	3.1	0.213	3.2	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.498	> 100	-	-	$f > 100$	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/41
Sample Type : Vibration
Sampling Date : 25 - 26 March 2026
Received Date : 27 March 2026
Analytical Date : 27 March - 06 April 2026
Report Date : 07 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	1.127	> 100	0.701	85.0	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.804	17.0	0.268	73.0	10 < f ≤ 50	6.750
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.434	85.0	0.489	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	1.040	5.5	0.284	6.8	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.749	4.2	0.260	4.3	f ≤ 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	85.0	0.615	4.7	0.173	5.3	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.512	4.1	0.197	4.7	f ≤ 10	5.000
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.	< 0.127	> 100	0.418	34.0	0.134	> 100	10 < f ≤ 50	11.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	2.969	73.0	4.501	73.0	50 < f ≤ 100	17.300
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.615	23.0	< 0.127	> 100	10 < f ≤ 50	8.250
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.504	4.2	< 0.127	> 100	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	64.0	0.717	3.6	< 0.127	85.0	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	64.0	0.804	3.1	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.025	> 100	< 0.127	> 100	f > 100	20.000
24 Hour Maximum	-	-	-	-	4.501	73.0	50 < f ≤ 100	17.300

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)

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Model and Serial No. : 721A2601 and S/N UM22200





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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/43
Sample Type : Vibration
Sampling Date : 26 - 27 March 2026
Received Date : 30 March 2026
Analytical Date : 30 March - 06 April 2026
Report Date : 07 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	73.0	0.504	4.2	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.528	3.0	< 0.127	> 100	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.544	37.0	< 0.127	> 100	$10 < f \leq 50$	11.750
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. - 12.00 a.m.	< 0.127	> 100	0.315	4.7	< 0.127	> 100	$f \leq 10$	5.000
12.00 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.	< 0.127	> 100	0.528	4.5	< 0.127	> 100	$f \leq 10$	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.363	20.0	< 0.127	> 100	$10 < f \leq 50$	7.500
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.638	6.0	< 0.127	> 100	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.347	17.0	< 0.127	> 100	$10 < f \leq 50$	6.750
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.583	3.2	< 0.127	22.0	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.386	4.4	< 0.127	> 100	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	57.0	0.701	57.0	< 0.127	> 100	$50 < f \leq 100$	15.700
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.363	5.4	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.402	4.5	< 0.127	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.560	4.7	< 0.127	> 100	$f \leq 10$	5.000
24 Hour Maximum	-	-	0.701	57.0	-	-	$50 < f \leq 100$	15.700

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 69-4, dated June 2 B.E. 2553 (2010)

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Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/45
Sample Type : Vibration
Sampling Date : 27 - 28 March 2026
Received Date : 30 March 2026
Analytical Date : 30 March - 06 April 2026
Report Date : 07 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.465	3.1	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.331	30.0	< 0.127	> 100	$10 < f \leq 50$	10.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.331	18.0	< 0.127	> 100	$10 < f \leq 50$	7.000
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.	< 0.127	> 100	0.339	21.0	< 0.127	> 100	$10 < f \leq 50$	7.750
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.465	64.0	< 0.127	> 100	$50 < f \leq 100$	16.400
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.323	5.9	< 0.127	> 100	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.331	5.5	< 0.127	> 100	$f \leq 10$	5.000
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.	< 0.127	> 100	0.300	10.0	< 0.127	85.0	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.441	27.0	< 0.127	> 100	$10 < f \leq 50$	9.250
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.331	5.1	< 0.127	> 100	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.828	> 100	< 0.127	> 100	$f > 100$	20.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.497	20.0	< 0.127	> 100	$10 < f \leq 50$	7.500
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.315	4.9	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.339	26.0	< 0.127	> 100	$10 < f \leq 50$	9.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.355	5.0	< 0.127	> 100	$f \leq 10$	5.000
24 Hour Maximum	-	-	0.828	> 100	-	-	$f > 100$	20.000

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)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 012556008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/47
Sample Type : Vibration
Sampling Date : 28 - 29 March 2026
Received Date : 30 March 2026
Analytical Date : 30 March - 06 April 2026
Report Date : 07 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.481	4.7	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	47.0	0.591	30.0	< 0.127	> 100	$10 < f \leq 50$	10.000
04.00 p.m. - 05.00 p.m.	< 0.127	85.0	0.859	57.0	< 0.127	> 100	$50 < f \leq 100$	15.700
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.631	57.0	< 0.127	> 100	$50 < f \leq 100$	15.700
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.	< 0.127	> 100	0.315	4.8	< 0.127	> 100	$f \leq 10$	5.000
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.363	4.6	< 0.127	> 100	$f \leq 10$	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.363	4.2	< 0.127	> 100	$f \leq 10$	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.	< 0.127	> 100	0.300	26.0	< 0.127	> 100	$10 < f \leq 50$	9.000
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.	< 0.127	> 100	0.528	34.0	< 0.127	> 100	$10 < f \leq 50$	11.000
07.00 a.m. - 08.00 a.m.	< 0.127	85.0	0.363	32.0	< 0.127	> 100	$10 < f \leq 50$	10.500
08.00 a.m. - 09.00 a.m.	< 0.127	73.0	0.631	4.5	< 0.127	> 100	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.946	3.0	< 0.127	> 100	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.638	3.2	< 0.127	> 100	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	1.230	3.5	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.143	3.1	< 0.127	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.962	3.0	< 0.127	> 100	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.230	3.5	-	-	$f \leq 10$	5.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 29 - 30 March 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200
* Not have monitoring environment because on Sunday of holiday.



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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/49
Sample Type : Vibration
Sampling Date : 30 - 31 March 2026
Received Date : 01 April 2026
Analytical Date : 01 - 06 April 2026
Report Date : 07 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	73.0	0.686	2.9	0.205	3.3	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	73.0	0.733	3.0	0.221	3.2	$f \leq 10$	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.	< 0.127	23.0	0.575	12.0	0.315	22.0	$10 < f \leq 50$	5.500
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.686	5.6	0.205	6.8	$f \leq 10$	5.000
07.00 p.m. - 08.00 p.m.	< 0.127	13.0	0.654	6.1	0.236	3.5	$f \leq 10$	5.000
08.00 p.m. - 09.00 p.m.	< 0.127	> 100	0.402	47.0	0.323	> 100	$10 < f \leq 50$	14.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	85.0	0.489	4.2	0.150	4.0	$f \leq 10$	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	57.0	0.607	4.6	0.173	5.4	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.363	4.7	0.150	4.9	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	64.0	0.449	51.0	0.402	> 100	$50 < f \leq 100$	15.100
08.00 a.m. - 09.00 a.m.	< 0.127	64.0	0.859	2.8	0.323	3.3	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	8.3	0.473	73.0	0.173	> 100	$50 < f \leq 100$	17.300
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.544	4.8	< 0.127	3.6	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	57.0	0.701	2.9	0.134	3.4	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	85.0	0.962	2.5	0.150	3.0	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.631	3.0	< 0.127	4.0	$f \leq 10$	5.000
24 Hour Maximum	-	-	0.962	2.5	-	-	$f \leq 10$	5.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีนาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

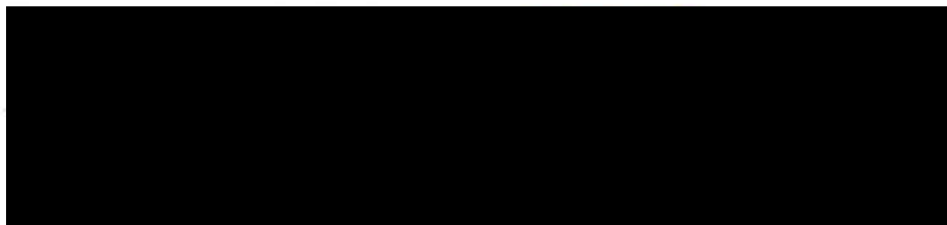
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/51
Sample Type : Vibration
Sampling Date : 31 March - 01 April 2026
Received Date : 02 April 2026
Analytical Date : 02 - 06 April 2026
Report Date : 07 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	64.0	0.615	2.9	< 0.127	8.4	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.654	2.7	0.134	3.0	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	73.0	0.347	4.6	< 0.127	4.9	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	85.0	0.449	32.0	< 0.127	20.0	$10 < f \leq 50$	10.500
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.	< 0.127	> 100	0.300	26.0	< 0.127	> 100	$10 < f \leq 50$	9.000
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.	< 0.127	> 100	0.363	47.0	< 0.127	> 100	$10 < f \leq 50$	14.250
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	< 0.127	> 100	0.339	9.8	< 0.127	43.0	$f \leq 10$	5.000
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.	< 0.127	85.0	0.307	3.8	< 0.127	85.0	$f \leq 10$	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.473	4.5	< 0.127	> 100	$f \leq 10$	5.000
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.	< 0.127	> 100	0.347	30.0	< 0.127	> 100	$10 < f \leq 50$	10.000
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.	< 0.127	85.0	0.473	26.0	< 0.127	39.0	$10 < f \leq 50$	9.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.510	85.0	< 0.127	> 100	$50 < f \leq 100$	18.500
11.00 a.m. - 12.00 p.m.	< 0.127	73.0	0.364	73.0	< 0.127	39.0	$50 < f \leq 100$	17.300
12.00 p.m. - 01.00 p.m.	< 0.127	85.0	0.472	73.0	< 0.127	> 100	$50 < f \leq 100$	17.300
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.408	49.0	< 0.127	85.0	$10 < f \leq 50$	14.750
24 Hour Maximum	-	-	0.654	2.7	-	-	$f \leq 10$	5.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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 ซีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/3
Sample Type : Vibration
Sampling Date : 01 - 02 April 2026
Received Date : 03 April 2026
Analytical Date : 03 - 16 April 2026
Report Date : 17 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.757	3.5	< 0.127	> 100	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.678	5.9	< 0.127	> 100	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.370	4.2	< 0.127	> 100	$f \leq 10$	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.	< 0.127	47.0	0.307	10.0	< 0.127	> 100	$f \leq 10$	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.	< 0.127	> 100	0.307	16.0	< 0.127	> 100	$10 < f \leq 50$	6.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.347	9.8	< 0.127	> 100	$f \leq 10$	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.	< 0.127	> 100	0.615	4.0	< 0.127	> 100	$f \leq 10$	5.000
05.00 a.m. - 06.00 a.m.	< 0.127	> 100	0.520	4.6	< 0.127	85.0	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	27.0	0.457	30.0	< 0.127	> 100	$10 < f \leq 50$	10.000
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.	< 0.127	> 100	0.638	2.7	< 0.127	> 100	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.591	4.4	< 0.127	> 100	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	34.0	0.820	4.4	< 0.127	64.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	1.718	32.0	1.056	73.0	$10 < f \leq 50$	10.500
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.064	39.0	0.504	64.0	$10 < f \leq 50$	12.250
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.906	51.0	0.418	64.0	$10 < f \leq 50$	15.250
24 Hour Maximum	-	-	1.718	32.0	-	-	$10 < f \leq 50$	10.500

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/5
Sample Type : Vibration
Sampling Date : 02 - 03 April 2026
Received Date : 06 April 2026
Analytical Date : 06 - 16 April 2026
Report Date : 17 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	51.0	1.119	37.0	0.662	64.0	10 < f ≤ 50	11.750
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.780	> 100	0.386	23.0	f > 100	20.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.513	27.0	1.056	64.0	10 < f ≤ 50	9.250
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.835	16.0	0.426	14.0	10 < f ≤ 50	6.500
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.772	47.0	0.315	> 100	10 < f ≤ 50	14.250
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.993	64.0	0.670	51.0	50 < f ≤ 100	16.400
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.786	2.4	< 0.127	> 100	f ≤ 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.	< 0.127	> 100	0.786	5.7	< 0.127	6.0	f ≤ 10	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.847	4.7	< 0.127	12.0	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.701	> 100	0.260	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.749	3.4	< 0.127	> 100	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	1.127	2.9	< 0.127	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.347	47.0	< 0.127	> 100	10 < f ≤ 50	14.250
24 Hour Maximum	-	-	1.513	27.0	-	-	10 < f ≤ 50	9.250

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 3, dated June 2 B.E. 2553 (2010)

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

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเม้าก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/7
Sample Type : Vibration
Sampling Date : 03 - 04 April 2026
Received Date : 06 April 2026
Analytical Date : 06 - 16 April 2026
Report Date : 17 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.528	3.6	< 0.127	64.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.599	3.0	< 0.127	> 100	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	2.412	12.0	< 0.127	> 100	$10 < f \leq 50$	5.500
05.00 p.m. - 06.00 p.m.	< 0.127	73.0	0.394	4.4	< 0.127	> 100	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	85.0	0.331	19.0	0.229	> 100	$10 < f \leq 50$	7.250
07.00 p.m. - 08.00 p.m.	< 0.127	39.0	1.521	51.0	0.497	> 100	$50 < f \leq 100$	15.100
08.00 p.m. - 09.00 p.m.	< 0.127	57.0	0.347	51.0	0.205	> 100	$50 < f \leq 100$	15.100
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. - 12.00 a.m.	< 0.127	> 100	0.449	6.8	< 0.127	> 100	$f \leq 10$	5.000
12.00 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.	< 0.127	> 100	0.323	4.2	< 0.127	> 100	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	< 0.127	73.0	0.497	4.5	< 0.127	> 100	$f \leq 10$	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.339	3.2	< 0.127	> 100	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.386	73.0	< 0.127	> 100	$50 < f \leq 100$	17.300
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.623	4.5	< 0.127	> 100	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	73.0	0.441	4.1	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	64.0	1.868	1.2	0.481	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	0.355	6.9	< 0.127	> 100	$f \leq 10$	5.000
24 Hour Maximum	-	-	2.412	12.0	-	-	$10 < f \leq 50$	5.500

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/9
Sample Type : Vibration
Sampling Date : 04 - 05 April 2026
Received Date : 06 April 2026
Analytical Date : 06 - 16 April 2026
Report Date : 17 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	< 0.127	> 100	0.331	10.0	< 0.127	> 100	$f \leq 10$	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.	< 0.127	> 100	0.410	4.3	< 0.127	> 100	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.355	27.0	< 0.127	> 100	$10 < f \leq 50$	9.250
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.	< 0.127	> 100	0.300	22.0	< 0.127	> 100	$10 < f \leq 50$	8.000
09.00 p.m. - 10.00 p.m.	< 0.127	37.0	0.347	10.0	< 0.127	> 100	$f \leq 10$	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.323	19.0	< 0.127	> 100	$10 < f \leq 50$	7.250
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.	< 0.127	64.0	0.465	17.0	< 0.127	> 100	$10 < f \leq 50$	6.750
06.00 a.m. - 07.00 a.m.	< 0.127	> 100	0.315	20.0	< 0.127	> 100	$10 < f \leq 50$	7.500
07.00 a.m. - 08.00 a.m.	< 0.127	> 100	0.512	4.2	< 0.127	> 100	$f \leq 10$	5.000
08.00 a.m. - 09.00 a.m.	< 0.127	47.0	0.528	5.0	< 0.127	64.0	$f \leq 10$	5.000
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.489	3.2	< 0.127	64.0	$f \leq 10$	5.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.607	57.0	< 0.127	> 100	$50 < f \leq 100$	15.700
11.00 a.m. - 12.00 p.m.	< 0.127	> 100	0.772	2.8	< 0.127	> 100	$f \leq 10$	5.000
12.00 p.m. - 01.00 p.m.	< 0.127	> 100	0.370	4.6	< 0.127	> 100	$f \leq 10$	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.214	2.6	< 0.127	> 100	$f \leq 10$	5.000
24 Hour Maximum	-	-	1.214	2.6	-	-	$f \leq 10$	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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : T21A2601 and S/N UM22200



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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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 05 - 06 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200

* Not have monitoring environment because on Sunday of holiday.



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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 06 - 07 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

** Not have vibration measurement because of local noise is quite higher



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา 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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/13
Sample Type : Vibration
Sampling Date : 07 - 08 April 2026
Received Date : 09 April 2026
Analytical Date : 09 - 16 April 2026
Report Date : 17 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.875	26.0	0.552	> 100	10 < f ≤ 50	9.000
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	0.520	5.2	0.134	4.7	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	1.174	43.0	0.733	73.0	10 < f ≤ 50	13.250
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.599	4.9	0.166	4.8	f ≤ 10	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	64.0	1.096	22.0	1.277	57.0	50 < f ≤ 100	15.700
07.00 p.m. - 08.00 p.m.	< 0.127	> 100	0.694	51.0	0.567	64.0	50 < f ≤ 100	15.100
08.00 p.m. - 09.00 p.m.	< 0.127	51.0	0.323	27.0	< 0.127	> 100	10 < f ≤ 50	9.250
09.00 p.m. - 10.00 p.m.	< 0.127	> 100	0.457	4.5	< 0.127	5.1	f ≤ 10	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	> 100	0.552	4.0	< 0.127	5.1	f ≤ 10	5.000
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.	< 0.127	> 100	2.175	32.0	1.939	73.0	10 < f ≤ 50	10.500
08.00 a.m. - 09.00 a.m.	< 0.127	64.0	1.088	19.0	0.567	47.0	10 < f ≤ 50	7.250
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.355	37.0	0.158	73.0	10 < f ≤ 50	11.750
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	1.001	43.0	0.307	51.0	10 < f ≤ 50	13.250
11.00 a.m. - 12.00 p.m.	< 0.127	73.0	0.300	20.0	< 0.127	30.0	10 < f ≤ 50	7.500
12.00 p.m. - 01.00 p.m.	< 0.127	85.0	0.646	10.0	< 0.127	23.0	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	< 0.127	> 100	1.119	13.0	0.536	24.0	10 < f ≤ 50	5.750
24 Hour Maximum	-	-	2.175	32.0	-	-	10 < f ≤ 50	10.500

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีเอ็มก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/15
Sample Type : Vibration
Sampling Date : 08 - 09 April 2026
Received Date : 10 April 2026
Analytical Date : 10 - 20 April 2026
Report Date : 21 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02:00 p.m. - 03:00 p.m.	< 0.127	64.0	0.828	43.0	0.315	64.0	10 < f ≤ 50	13.250
03:00 p.m. - 04:00 p.m.	< 0.127	64.0	0.497	15.0	0.134	12.0	10 < f ≤ 50	6.250
04:00 p.m. - 05:00 p.m.	< 0.127	> 100	1.758	16.0	2.333	20.0	10 < f ≤ 50	7.500
05:00 p.m. - 06:00 p.m.	< 0.127	> 100	1.364	32.0	0.867	85.0	10 < f ≤ 50	10.500
06:00 p.m. - 07:00 p.m.	< 0.127	32.0	1.576	30.0	1.096	85.0	10 < f ≤ 50	10.000
07:00 p.m. - 08:00 p.m.	< 0.127	64.0	1.419	30.0	0.938	57.0	10 < f ≤ 50	10.000
08:00 p.m. - 09:00 p.m.	< 0.127	> 100	1.600	32.0	0.993	85.0	10 < f ≤ 50	10.500
09:00 p.m. - 10:00 p.m.	< 0.127	85.0	0.378	37.0	0.189	64.0	10 < f ≤ 50	11.750
10:00 p.m. - 11:00 p.m.	< 0.127	> 100	0.307	4.9	< 0.127	5.0	f ≤ 10	5.000
11:00 p.m. - 12:00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12:00 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.	< 0.127	37.0	2.199	32.0	1.135	64.0	10 < f ≤ 50	10.500
04:00 a.m. - 05:00 a.m.	< 0.127	64.0	1.419	37.0	0.709	73.0	10 < f ≤ 50	11.750
05:00 a.m. - 06:00 a.m.	< 0.127	51.0	1.915	27.0	0.977	64.0	10 < f ≤ 50	9.250
06:00 a.m. - 07:00 a.m.	< 0.127	64.0	1.624	43.0	0.914	73.0	10 < f ≤ 50	13.250
07:00 a.m. - 08:00 a.m.	< 0.127	> 100	2.546	27.0	1.568	73.0	10 < f ≤ 50	9.250
08:00 a.m. - 09:00 a.m.	< 0.127	> 100	2.081	57.0	1.269	64.0	50 < f ≤ 100	15.700
09:00 a.m. - 10:00 a.m.	< 0.127	> 100	2.034	20.0	0.891	64.0	10 < f ≤ 50	7.500
10:00 a.m. - 11:00 a.m.	< 0.127	> 100	0.765	47.0	0.307	> 100	10 < f ≤ 50	14.250
11:00 a.m. - 12:00 p.m.	< 0.127	64.0	0.725	51.0	0.347	73.0	50 < f ≤ 100	15.100
12:00 p.m. - 01:00 p.m.	< 0.127	51.0	2.049	51.0	0.512	20.0	50 < f ≤ 100	15.100
01:00 p.m. - 02:00 p.m.	< 0.127	> 100	0.520	85.0	0.166	> 100	50 < f ≤ 100	18.500
24 Hour Maximum	-	-	2.546	27.0	-	-	10 < f ≤ 50	9.250

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/17
Sample Type : Vibration
Sampling Date : 09 - 10 April 2026
Received Date : 16 April 2026
Analytical Date : 16 - 20 April 2026
Report Date : 21 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	64.0	1.190	47.0	0.489	47.0	10 < f ≤ 50	14.250
03.00 p.m. - 04.00 p.m.	< 0.127	> 100	1.876	34.0	1.096	47.0	10 < f ≤ 50	11.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.757	47.0	0.402	43.0	10 < f ≤ 50	14.250
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.678	57.0	0.489	64.0	50 < f ≤ 100	15.700
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.520	17.0	0.434	23.0	10 < f ≤ 50	6.750
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.	< 0.127	> 100	0.331	16.0	< 0.127	47.0	10 < f ≤ 50	6.500
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. - 12.00 a.m.	< 0.127	> 100	0.339	9.8	< 0.127	> 100	f ≤ 10	5.000
12.00 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.	< 0.127	> 100	0.497	4.7	< 0.127	5.8	f ≤ 10	5.000
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.	< 0.127	47.0	0.631	30.0	0.292	39.0	10 < f ≤ 50	10.000
08.00 a.m. - 09.00 a.m.	< 0.127	> 100	0.457	57.0	0.323	37.0	50 < f ≤ 100	15.700
09.00 a.m. - 10.00 a.m.	< 0.127	> 100	0.544	34.0	0.323	64.0	10 < f ≤ 50	11.000
10.00 a.m. - 11.00 a.m.	< 0.127	> 100	0.631	10.0	0.244	> 100	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	< 0.127	57.0	0.662	4.7	< 0.127	5.5	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	0.307	51.0	0.859	18.0	0.189	> 100	10 < f ≤ 50	7.000
01.00 p.m. - 02.00 p.m.	0.142	22.0	0.686	13.0	0.229	9.8	10 < f ≤ 50	5.750
24 Hour Maximum	-	-	1.876	34.0	-	-	10 < f ≤ 50	11.000

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Model and Serial No. : T21A2601 and S/N UM22200



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 ชีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/19
Sample Type : Vibration
Sampling Date : 10 - 11 April 2026
Received Date : 16 April 2026
Analytical Date : 16 - 20 April 2026
Report Date : 21 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.599	39.0	1.710	51.0	1.088	64.0	50 < f ≤ 100	15.100
03.00 p.m. - 04.00 p.m.	0.536	57.0	0.914	64.0	0.520	47.0	50 < f ≤ 100	16.400
04.00 p.m. - 05.00 p.m.	0.843	51.0	1.167	47.0	0.725	47.0	10 < f ≤ 50	14.250
05.00 p.m. - 06.00 p.m.	< 0.127	8.3	0.873	73.0	0.173	> 100	50 < f ≤ 100	17.300
06.00 p.m. - 07.00 p.m.	< 0.127	13.0	0.794	19.0	< 0.127	32.0	10 < f ≤ 50	7.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.387	51.0	1.505	51.0	1.001	47.0	50 < f ≤ 100	15.100
10.00 a.m. - 11.00 a.m.	1.434	51.0	1.695	43.0	1.190	39.0	10 < f ≤ 50	13.250
11.00 a.m. - 12.00 p.m.	0.946	57.0	1.371	43.0	0.851	47.0	10 < f ≤ 50	13.250
12.00 p.m. - 01.00 p.m.	0.497	57.0	0.851	47.0	0.481	85.0	10 < f ≤ 50	14.250
01.00 p.m. - 02.00 p.m.	1.119	57.0	1.860	51.0	1.237	39.0	50 < f ≤ 100	15.100
24 Hour Maximum	-	-	1.860	51.0	-	-	50 < f ≤ 100	15.100

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 = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/21
Sample Type : Vibration
Sampling Date : 11 - 12 April 2026
Received Date : 16 April 2026
Analytical Date : 16 - 20 April 2026
Report Date : 21 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	< 0.127	> 100	0.386	4.9	< 0.127	5.1	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	51.0	0.825	3.1	< 0.127	4.5	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	< 0.127	> 100	0.786	4.8	< 0.127	4.5	$f \leq 10$	5.000
05.00 p.m. - 06.00 p.m.	< 0.127	> 100	0.765	5.7	< 0.127	5.6	$f \leq 10$	5.000
06.00 p.m. - 07.00 p.m.	< 0.127	> 100	0.654	2.7	0.134	3.0	$f \leq 10$	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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	-	-	0.825	3.1	-	-	$f \leq 10$	5.000

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซิมโก้สร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 12 - 13 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : T21A2601 and S/N UM22200

* Not have monitoring environment because on Sunday of holiday



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 ซีเอ็มก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 13 - 14 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

** Not have monitoring environment because 13 -15 April 2026 is public holiday



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 14 - 15 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

** Not have monitoring environment because 13 -15 April 2026 is public holiday.



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 ซีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 15 - 16 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

** Not have monitoring environment because 13 -15 April 2026 is public holiday.



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 ทิมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/23
Sample Type : Vibration
Sampling Date : 16 - 17 April 2026
Received Date : 20 April 2026
Analytical Date : 20 - 27 April 2026
Report Date : 28 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	< 0.127	10.0	0.465	9.7	< 0.127	13.0	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	0.205	13.0	0.749	20.0	0.292	27.0	$10 < f \leq 50$	7.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.173	4.1	0.441	4.1	0.173	4.1	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	2.451	73.0	2.443	73.0	1.647	51.0	$50 < f \leq 100$	17.300
07.00 a.m. - 08.00 a.m.	1.505	73.0	2.349	47.0	1.505	32.0	$10 < f \leq 50$	14.250
08.00 a.m. - 09.00 a.m.	0.173	26.0	0.402	51.0	< 0.127	> 100	$50 < f \leq 100$	15.100
09.00 a.m. - 10.00 a.m.	1.931	57.0	1.860	28.0	1.356	39.0	$50 < f \leq 100$	15.700
10.00 a.m. - 11.00 a.m.	1.860	51.0	2.215	47.0	2.026	39.0	$10 < f \leq 50$	14.250
11.00 a.m. - 12.00 p.m.	2.254	34.0	3.105	64.0	2.688	> 100	$50 < f \leq 100$	16.400
12.00 p.m. - 01.00 p.m.	2.443	34.0	3.082	47.0	2.467	85.0	$10 < f \leq 50$	14.250
01.00 p.m. - 02.00 p.m.	2.380	51.0	3.704	51.0	2.357	85.0	$50 < f \leq 100$	15.100
24 Hour Maximum	-	-	3.704	51.0	-	-	$50 < f \leq 100$	15.100

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซิเมกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/25
Sample Type : Vibration
Sampling Date : 17 - 18 April 2026
Received Date : 20 April 2026
Analytical Date : 20 - 27 April 2026
Report Date : 28 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.899	4.9	0.930	32.0	0.709	85.0	10 < f ≤ 50	10.500
03.00 p.m. - 04.00 p.m.	1.285	< 1.0	0.654	> 100	0.520	64.0	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	0.292	3.3	1.356	3.0	0.244	3.1	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	0.615	> 100	0.741	> 100	0.899	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.426	> 100	0.946	> 100	0.552	> 100	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.	0.355	4.1	0.276	51.0	0.236	14.0	f ≤ 10	5.000
09.00 p.m. - 10.00 p.m.	< 0.127	57.0	0.300	18.0	< 0.127	> 100	10 < f ≤ 50	7.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	6.2	0.323	7.6	< 0.127	12.0	f ≤ 10	5.000
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.	1.167	47.0	1.529	73.0	0.670	> 100	50 < f ≤ 100	17.300
07.00 a.m. - 08.00 a.m.	0.449	> 100	0.828	> 100	0.457	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.994	85.0	2.286	64.0	1.797	> 100	50 < f ≤ 100	16.400
09.00 a.m. - 10.00 a.m.	2.617	34.0	2.428	57.0	1.482	> 100	10 < f ≤ 50	11.000
10.00 a.m. - 11.00 a.m.	1.174	47.0	1.947	64.0	0.725	> 100	50 < f ≤ 100	16.400
11.00 a.m. - 12.00 p.m.	2.774	43.0	2.688	64.0	1.301	> 100	10 < f ≤ 50	13.250
12.00 p.m. - 01.00 p.m.	2.774	47.0	2.656	57.0	1.261	> 100	10 < f ≤ 50	14.250
01.00 p.m. - 02.00 p.m.	3.168	34.0	3.310	64.0	2.041	> 100	50 < f ≤ 100	16.400
24 Hour Maximum	-	-	3.310	64.0	-	-	50 < f ≤ 100	16.400

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200



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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/27
Sample Type : Vibration
Sampling Date : 18 - 19 April 2026
Received Date : 20 April 2026
Analytical Date : 20 - 27 April 2026
Report Date : 28 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	3.389	34.0	3.098	64.0	1.970	> 100	10 < f ≤ 50	11.000
03.00 p.m. - 04.00 p.m.	2.625	32.0	3.019	85.0	1.474	73.0	50 < f ≤ 100	18.500
04.00 p.m. - 05.00 p.m.	2.278	73.0	2.506	57.0	1.450	85.0	50 < f ≤ 100	15.700
05.00 p.m. - 06.00 p.m.	2.246	39.0	2.924	85.0	1.797	85.0	50 < f ≤ 100	18.500
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.	2.593	> 100	3.578	85.0	2.041	> 100	50 < f ≤ 100	18.500
08.00 p.m. - 09.00 p.m.	0.938	73.0	1.371	73.0	1.033	85.0	50 < f ≤ 100	17.300
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.173	17.0	0.457	16.0	< 0.127	> 100	10 < f ≤ 50	6.500
06.00 a.m. - 07.00 a.m.	2.822	47.0	3.531	47.0	1.994	85.0	10 < f ≤ 50	14.250
07.00 a.m. - 08.00 a.m.	2.861	> 100	3.326	> 100	2.451	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	2.499	73.0	3.484	> 100	2.585	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.173	4.3	0.717	2.6	0.166	64.0	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	1.182	73.0	1.434	47.0	1.190	> 100	10 < f ≤ 50	14.250
11.00 a.m. - 12.00 p.m.	1.718	39.0	1.805	85.0	1.624	> 100	50 < f ≤ 100	18.500
12.00 p.m. - 01.00 p.m.	1.316	32.0	1.781	85.0	1.505	85.0	50 < f ≤ 100	18.500
01.00 p.m. - 02.00 p.m.	0.229	3.8	0.662	3.2	0.189	7.4	f ≤ 10	5.000
24 Hour Maximum	-	-	3.578	85.0	-	-	50 < f ≤ 100	18.500

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 1, dated June 2 B.E. 2553 (2010)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : T21A2601 and S/N UM22200



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา 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 ซีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 19 - 20 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200
* Not have monitoring environment because on Sunday of holiday.



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/29
Sample Type : Vibration
Sampling Date : 20 - 21 April 2026
Received Date : 22 April 2026
Analytical Date : 22 - 27 April 2026
Report Date : 28 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.459	37.0	3.082	73.0	1.805	85.0	50 < f ≤ 100	17.300
03.00 p.m. - 04.00 p.m.	2.562	73.0	3.610	85.0	2.089	85.0	50 < f ≤ 100	18.500
04.00 p.m. - 05.00 p.m.	2.278	85.0	2.577	51.0	1.829	> 100	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	2.309	> 100	3.594	> 100	2.309	85.0	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.269	57.0	2.215	85.0	1.695	85.0	50 < f ≤ 100	18.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.403	39.0	2.144	> 100	1.647	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.780	51.0	0.922	64.0	0.859	> 100	50 < f ≤ 100	16.400
10.00 a.m. - 11.00 a.m.	1.332	39.0	1.766	85.0	1.647	> 100	50 < f ≤ 100	18.500
11.00 a.m. - 12.00 p.m.	1.269	37.0	1.600	85.0	1.364	> 100	50 < f ≤ 100	18.500
12.00 p.m. - 01.00 p.m.	0.843	34.0	1.206	> 100	1.017	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.033	51.0	1.986	> 100	0.906	85.0	f > 100	20.000
24 Hour Maximum	-	-	3.610	85.0	-	-	50 < f ≤ 100	18.500

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : T21A2601 and S/N UM22200



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 ชีวาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/31
Sample Type : Vibration
Sampling Date : 21 - 22 April 2026
Received Date : 23 April 2026
Analytical Date : 23 - 27 April 2026
Report Date : 28 April 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.111	47.0	2.073	> 100	0.914	85.0	f > 100	20.000
03.00 p.m. - 04.00 p.m.	0.686	85.0	1.159	> 100	0.914	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	1.411	73.0	2.546	> 100	1.616	85.0	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.985	47.0	1.198	85.0	1.009	> 100	50 < f ≤ 100	18.500
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.	1.458	73.0	2.309	> 100	1.695	85.0	f > 100	20.000
08.00 p.m. - 09.00 p.m.	1.151	73.0	1.986	> 100	1.356	> 100	f > 100	20.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.080	> 100	1.371	85.0	1.056	> 100	50 < f ≤ 100	18.500
09.00 a.m. - 10.00 a.m.	2.120	73.0	2.711	82.0	1.545	> 100	50 < f ≤ 100	18.200
10.00 a.m. - 11.00 a.m.	0.993	64.0	1.395	57.0	0.875	> 100	50 < f ≤ 100	15.700
11.00 a.m. - 12.00 p.m.	1.781	37.0	2.309	85.0	1.442	85.0	50 < f ≤ 100	18.500
12.00 p.m. - 01.00 p.m.	0.922	73.0	1.505	85.0	1.096	> 100	50 < f ≤ 100	18.500
01.00 p.m. - 02.00 p.m.	3.397	< 1.0	0.906	4.9	2.759	< 1.0	f ≤ 10	5.000
-	3.397	< 1.0	-	-	-	-	f ≤ 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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/33
Sample Type : Vibration
Sampling Date : 22 - 23 April 2026
Received Date : 24 April 2026
Analytical Date : 24 April - 05 May 2026
Report Date : 06 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.696	47.0	3.752	> 100	2.168	85.0	f > 100	20.000
03.00 p.m. - 04.00 p.m.	2.372	57.0	3.090	85.0	1.450	> 100	50 < f ≤ 100	18.500
04.00 p.m. - 05.00 p.m.	2.388	51.0	3.318	> 100	1.576	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	3.917	57.0	4.154	73.0	1.821	> 100	50 < f ≤ 100	17.300
06.00 p.m. - 07.00 p.m.	2.664	57.0	3.066	> 100	1.592	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	1.963	32.0	3.484	> 100	1.513	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	1.710	30.0	2.901	> 100	1.261	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	1.884	43.0	2.451	> 100	1.237	> 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. - 12.00 a.m.	1.127	57.0	1.718	> 100	0.749	> 100	f > 100	20.000
12.00 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.	1.033	64.0	2.333	> 100	0.922	> 100	f > 100	20.000
04.00 a.m. - 05.00 a.m.	2.246	57.0	2.475	> 100	1.206	> 100	f > 100	20.000
05.00 a.m. - 06.00 a.m.	0.159	13.0	0.418	13.0	< 0.127	23.0	10 < f ≤ 50	5.750
06.00 a.m. - 07.00 a.m.	1.033	37.0	2.018	> 100	1.048	> 100	f > 100	20.000
07.00 a.m. - 08.00 a.m.	2.688	34.0	3.129	43.0	1.797	> 100	10 < f ≤ 50	13.250
08.00 a.m. - 09.00 a.m.	1.821	51.0	2.625	> 100	1.348	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	2.538	51.0	3.239	> 100	1.568	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	2.223	57.0	2.727	73.0	1.600	> 100	50 < f ≤ 100	17.300
11.00 a.m. - 12.00 p.m.	2.530	57.0	3.988	73.0	2.428	> 100	50 < f ≤ 100	17.300
12.00 p.m. - 01.00 p.m.	2.806	51.0	4.059	73.0	2.223	> 100	50 < f ≤ 100	17.300
01.00 p.m. - 02.00 p.m.	2.656	37.0	2.719	64.0	2.238	> 100	50 < f ≤ 100	16.400
24 Hour Maximum	-	-	4.154	73.0	-	-	50 < f ≤ 100	17.300

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec)

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Mod



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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 ซีเมกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/35
Sample Type : Vibration
Sampling Date : 23 - 24 April 2026
Received Date : 27 April 2026
Analytical Date : 27 April - 05 May 2026
Report Date : 06 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.073	43.0	2.609	> 100	1.411	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	2.987	39.0	3.019	85.0	2.648	> 100	50 < f ≤ 100	18.500
04.00 p.m. - 05.00 p.m.	1.766	51.0	2.286	73.0	1.900	> 100	50 < f ≤ 100	17.300
05.00 p.m. - 06.00 p.m.	2.964	39.0	2.317	39.0	2.546	> 100	10 < f ≤ 50	12.250
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.	3.019	57.0	2.097	73.0	1.868	73.0	50 < f ≤ 100	15.700
08.00 p.m. - 09.00 p.m.	2.625	51.0	2.483	85.0	1.308	> 100	50 < f ≤ 100	15.100
09.00 p.m. - 10.00 p.m.	2.412	51.0	2.152	85.0	1.371	> 100	50 < f ≤ 100	15.100
10.00 p.m. - 11.00 p.m.	2.104	64.0	2.144	> 100	1.135	73.0	f > 100	20.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	2.081	64.0	2.333	> 100	1.561	> 100	f > 100	20.000
01.00 a.m. - 02.00 a.m.	2.104	57.0	2.175	73.0	1.490	> 100	50 < f ≤ 100	17.300
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.	0.189	3.5	0.410	4.5	0.129	5.1	f ≤ 10	5.000
04.00 a.m. - 05.00 a.m.	2.089	57.0	2.806	> 100	1.647	> 100	f > 100	20.000
05.00 a.m. - 06.00 a.m.	0.173	16.0	0.378	18.0	0.102	17.0	10 < f ≤ 50	7.000
06.00 a.m. - 07.00 a.m.	2.294	57.0	2.987	85.0	2.026	> 100	50 < f ≤ 100	18.500
07.00 a.m. - 08.00 a.m.	2.522	57.0	2.964	> 100	1.671	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	2.309	51.0	3.381	85.0	1.876	> 100	50 < f ≤ 100	18.500
09.00 a.m. - 10.00 a.m.	2.648	57.0	3.105	85.0	2.120	> 100	50 < f ≤ 100	18.500
10.00 a.m. - 11.00 a.m.	1.702	> 100	3.318	64.0	1.009	> 100	50 < f ≤ 100	16.400
11.00 a.m. - 12.00 p.m.	2.349	47.0	2.822	64.0	1.545	> 100	50 < f ≤ 100	16.400
12.00 p.m. - 01.00 p.m.	2.380	57.0	2.995	> 100	1.474	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.655	57.0	2.499	47.0	1.064	> 100	10 < f ≤ 50	14.250
24 Hour Maximum	-	-	3.381	85.0	-	-	50 < f ≤ 100	18.500

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/37
Sample Type : Vibration
Sampling Date : 24 - 25 April 2026
Received Date : 27 April 2026
Analytical Date : 27 April - 05 May 2026
Report Date : 06 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.411	57.0	3.570	> 100	1.695	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	5.210	47.0	4.658	64.0	3.634	73.0	10 < f ≤ 50	14.250
04.00 p.m. - 05.00 p.m.	3.082	51.0	2.357	> 100	1.632	73.0	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	3.279	64.0	3.247	73.0	1.821	> 100	50 < f ≤ 100	16.400
06.00 p.m. - 07.00 p.m.	2.365	51.0	2.625	> 100	1.411	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	3.681	64.0	4.154	73.0	2.246	85.0	50 < f ≤ 100	17.300
08.00 p.m. - 09.00 p.m.	1.458	57.0	1.529	> 100	0.765	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	1.695	57.0	1.766	57.0	0.938	> 100	50 < f ≤ 100	15.700
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	2.199	57.0	2.751	> 100	1.285	> 100	f > 100	20.000
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.	0.985	57.0	1.521	> 100	0.749	> 100	f > 100	20.000
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.	0.189	13.0	0.378	18.0	< 0.127	22.0	10 < f ≤ 50	7.000
06.00 a.m. - 07.00 a.m.	2.585	57.0	2.380	> 100	1.040	> 100	50 < f ≤ 100	15.700
07.00 a.m. - 08.00 a.m.	4.564	57.0	2.530	43.0	1.773	> 100	50 < f ≤ 100	15.700
08.00 a.m. - 09.00 a.m.	2.814	64.0	2.467	47.0	1.474	> 100	50 < f ≤ 100	16.400
09.00 a.m. - 10.00 a.m.	0.142	73.0	0.315	4.4	0.166	73.0	50 < f ≤ 100	17.300
10.00 a.m. - 11.00 a.m.	2.420	51.0	1.813	51.0	0.859	85.0	50 < f ≤ 100	15.100
11.00 a.m. - 12.00 p.m.	0.977	51.0	0.772	85.0	0.449	> 100	50 < f ≤ 100	15.100
12.00 p.m. - 01.00 p.m.	0.158	4.2	0.370	4.7	< 0.127	13.0	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	1.695	57.0	1.458	85.0	0.946	> 100	50 < f ≤ 100	15.700
24 Hour Maximum	5.210	47.0	-	-	-	-	10 < f ≤ 50	14.250

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and 5/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/39
Sample Type : Vibration
Sampling Date : 25 - 26 April 2026
Received Date : 27 April 2026
Analytical Date : 27 April - 05 May 2026
Report Date : 06 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.252	> 100	0.725	> 100	0.426	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	< 0.127	18.0	0.331	17.0	< 0.127	43.0	10 < f ≤ 50	6.750
04.00 p.m. - 05.00 p.m.	3.909	51.0	2.349	> 100	1.427	> 100	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	2.688	57.0	2.041	> 100	0.899	73.0	50 < f ≤ 100	15.700
06.00 p.m. - 07.00 p.m.	2.940	51.0	2.483	> 100	1.364	> 100	50 < f ≤ 100	15.100
07.00 p.m. - 08.00 p.m.	4.083	64.0	2.995	43.0	1.561	> 100	50 < f ≤ 100	16.400
08.00 p.m. - 09.00 p.m.	2.207	51.0	1.994	> 100	1.513	> 100	50 < f ≤ 100	15.100
09.00 p.m. - 10.00 p.m.	2.301	51.0	2.199	73.0	1.135	> 100	50 < f ≤ 100	15.100
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.458	51.0	1.884	73.0	1.214	> 100	50 < f ≤ 100	17.300
05.00 a.m. - 06.00 a.m.	2.049	57.0	2.530	> 100	1.860	> 100	f > 100	20.000
06.00 a.m. - 07.00 a.m.	3.105	57.0	2.861	85.0	1.986	> 100	50 < f ≤ 100	15.700
07.00 a.m. - 08.00 a.m.	2.223	51.0	2.593	85.0	1.687	> 100	50 < f ≤ 100	18.500
08.00 a.m. - 09.00 a.m.	3.775	64.0	3.373	64.0	2.144	> 100	50 < f ≤ 100	16.400
09.00 a.m. - 10.00 a.m.	2.304	> 100	3.027	85.0	1.829	> 100	50 < f ≤ 100	18.500
10.00 a.m. - 11.00 a.m.	3.129	51.0	3.421	85.0	2.018	> 100	50 < f ≤ 100	18.500
11.00 a.m. - 12.00 p.m.	2.940	51.0	2.830	> 100	1.655	> 100	50 < f ≤ 100	15.100
12.00 p.m. - 01.00 p.m.	0.252	3.5	0.930	2.8	0.197	3.4	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	3.634	51.0	3.105	57.0	1.490	> 100	50 < f ≤ 100	15.100
24 Hour Maximum	4.083	64.0	-	-	-	-	50 < f ≤ 100	16.400

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 9, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีชาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 26 - 27 April 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200
* Not have monitoring environment because on Sunday of holiday.



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 ซิมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/41
Sample Type : Vibration
Sampling Date : 27 - 28 April 2026
Received Date : 29 April 2026
Analytical Date : 29 April - 05 May 2026
Report Date : 06 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.404	51.0	2.191	85.0	1.301	> 100	50 < f ≤ 100	15.100
03.00 p.m. - 04.00 p.m.	1.994	51.0	1.687	85.0	1.111	> 100	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	2.270	51.0	1.884	57.0	1.033	> 100	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	2.514	51.0	2.073	85.0	1.237	> 100	50 < f ≤ 100	15.100
06.00 p.m. - 07.00 p.m.	3.200	51.0	2.554	64.0	1.356	85.0	50 < f ≤ 100	15.100
07.00 p.m. - 08.00 p.m.	3.476	51.0	3.295	> 100	2.246	> 100	50 < f ≤ 100	15.100
08.00 p.m. - 09.00 p.m.	0.418	32.0	0.307	24.0	0.205	85.0	10 < f ≤ 50	10.500
09.00 p.m. - 10.00 p.m.	1.797	51.0	1.947	> 100	1.371	> 100	f > 100	20.000
10.00 p.m. - 11.00 p.m.	< 0.127	22.0	0.370	22.0	< 0.127	20.0	10 < f ≤ 50	8.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.364	47.0	1.419	85.0	0.804	> 100	50 < f ≤ 100	18.500
03.00 a.m. - 04.00 a.m.	1.167	51.0	1.403	> 100	0.725	> 100	f > 100	20.000
04.00 a.m. - 05.00 a.m.	1.261	57.0	1.348	43.0	0.859	> 100	10 < f ≤ 50	13.250
05.00 a.m. - 06.00 a.m.	0.134	4.8	0.418	4.4	0.158	3.9	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	1.907	51.0	1.955	73.0	1.088	> 100	50 < f ≤ 100	17.300
07.00 a.m. - 08.00 a.m.	2.971	57.0	2.727	85.0	1.805	> 100	50 < f ≤ 100	15.700
08.00 a.m. - 09.00 a.m.	1.931	47.0	2.759	64.0	1.293	> 100	50 < f ≤ 100	16.400
09.00 a.m. - 10.00 a.m.	1.994	51.0	2.317	57.0	1.434	> 100	50 < f ≤ 100	15.700
10.00 a.m. - 11.00 a.m.	2.696	30.0	2.341	26.0	1.356	85.0	10 < f ≤ 50	10.000
11.00 a.m. - 12.00 p.m.	2.885	51.0	2.372	51.0	1.466	> 100	50 < f ≤ 100	15.100
12.00 p.m. - 01.00 p.m.	2.491	57.0	2.286	28.0	1.442	> 100	50 < f ≤ 100	15.700
01.00 p.m. - 02.00 p.m.	3.035	64.0	3.389	> 100	2.175	> 100	f > 100	20.000
24 Hour Maximum	3.476	51.0	-	-	-	-	50 < f ≤ 100	15.100

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 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/43
Sample Type : Vibration
Sampling Date : 28 - 29 April 2026
Received Date : 30 April 2026
Analytical Date : 30 April - 05 May 2026
Report Date : 06 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	3.074	51.0	2.656	43.0	1.726	> 100	50 < f ≤ 100	15.100
03.00 p.m. - 04.00 p.m.	2.593	64.0	4.595	> 100	2.049	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	2.609	51.0	2.286	57.0	1.505	85.0	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	2.270	34.0	2.483	73.0	1.348	> 100	50 < f ≤ 100	17.300
06.00 p.m. - 07.00 p.m.	2.727	51.0	4.177	> 100	1.805	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.694	> 100	1.001	> 100	0.765	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	0.883	51.0	0.804	37.0	0.418	> 100	50 < f ≤ 100	15.100
09.00 p.m. - 10.00 p.m.	1.545	34.0	1.986	73.0	0.922	> 100	50 < f ≤ 100	17.300
10.00 p.m. - 11.00 p.m.	< 0.127	15.0	0.307	26.0	< 0.127	20.0	10 < f ≤ 50	9.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	2.057	51.0	2.751	85.0	1.301	> 100	50 < f ≤ 100	18.500
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.	< 0.127	5.2	0.378	5.1	< 0.127	8.1	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	1.970	51.0	2.617	85.0	1.293	> 100	50 < f ≤ 100	18.500
06.00 a.m. - 07.00 a.m.	1.592	51.0	2.317	85.0	1.214	> 100	50 < f ≤ 100	18.500
07.00 a.m. - 08.00 a.m.	1.364	51.0	1.758	> 100	0.812	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	0.363	> 100	0.717	> 100	0.575	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.788	> 100	1.395	> 100	0.709	> 100	f > 100	20.000
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.	0.166	7.1	0.670	4.5	< 0.127	8.3	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	0.307	3.3	0.883	3.1	0.150	3.6	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	0.394	2.9	1.474	3.5	0.213	3.9	f ≤ 10	5.000
24 Hour Maximum	-	-	4.595	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/45
Sample Type : Vibration
Sampling Date : 29 - 30 April 2026
Received Date : 04 May 2026
Analytical Date : 04 - 06 May 2026
Report Date : 07 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.450	> 100	1.726	43.0	0.828	> 100	10 < f ≤ 50	13.250
03.00 p.m. - 04.00 p.m.	2.404	51.0	1.876	32.0	1.458	> 100	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	1.710	51.0	1.663	27.0	1.592	> 100	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	1.474	51.0	1.695	64.0	1.167	> 100	50 < f ≤ 100	16.400
06.00 p.m. - 07.00 p.m.	1.001	51.0	0.969	85.0	0.646	> 100	50 < f ≤ 100	15.100
07.00 p.m. - 08.00 p.m.	1.143	51.0	1.245	> 100	0.765	> 100	f > 100	20.000
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.	0.434	51.0	0.544	5.0	0.315	> 100	f ≤ 10	5.000
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.285	47.0	1.103	57.0	0.599	> 100	10 < f ≤ 50	14.250
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.	1.600	47.0	1.419	28.0	1.182	> 100	10 < f ≤ 50	14.250
09.00 a.m. - 10.00 a.m.	1.498	51.0	1.395	85.0	0.867	> 100	50 < f ≤ 100	15.100
10.00 a.m. - 11.00 a.m.	0.993	47.0	1.143	> 100	0.733	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.852	57.0	1.718	85.0	1.592	> 100	50 < f ≤ 100	15.700
12.00 p.m. - 01.00 p.m.	0.694	51.0	0.765	47.0	0.583	37.0	10 < f ≤ 50	14.250
01.00 p.m. - 02.00 p.m.	2.262	51.0	1.734	64.0	1.261	> 100	50 < f ≤ 100	15.100
24 Hour Maximum	2.404	51.0	-	-	-	-	50 < f ≤ 100	15.100

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 721A2601 and S/N UM22200



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 ซีมาโก้สร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/47
Sample Type : Vibration
Sampling Date : 30 April - 01 May 2026
Received Date : 04 May 2026
Analytical Date : 04 - 06 May 2026
Report Date : 07 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.812	51.0	1.025	> 100	0.631	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	2.002	47.0	1.639	> 100	1.230	> 100	10 < f ≤ 50	14.250
04.00 p.m. - 05.00 p.m.	0.843	57.0	0.993	43.0	0.634	> 100	10 < f ≤ 50	13.250
05.00 p.m. - 06.00 p.m.	1.324	34.0	1.718	> 100	1.466	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.332	51.0	1.458	64.0	0.883	> 100	50 < f ≤ 100	16.400
07.00 p.m. - 08.00 p.m.	1.269	51.0	1.442	85.0	0.788	> 100	50 < f ≤ 100	18.500
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.	0.772	51.0	1.671	85.0	1.033	> 100	50 < f ≤ 100	18.500
10.00 p.m. - 11.00 p.m.	0.528	39.0	0.646	57.0	0.300	> 100	50 < f ≤ 100	15.700
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.631	18.0	0.701	57.0	0.339	> 100	50 < f ≤ 100	15.700
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.	1.182	34.0	1.111	39.0	0.788	85.0	10 < f ≤ 50	11.000
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.	0.769	47.0	0.654	> 100	0.654	47.0	10 < f ≤ 50	14.250
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.	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	2.002	47.0	-	-	-	-	10 < f ≤ 50	14.250

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีมาโก้สร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

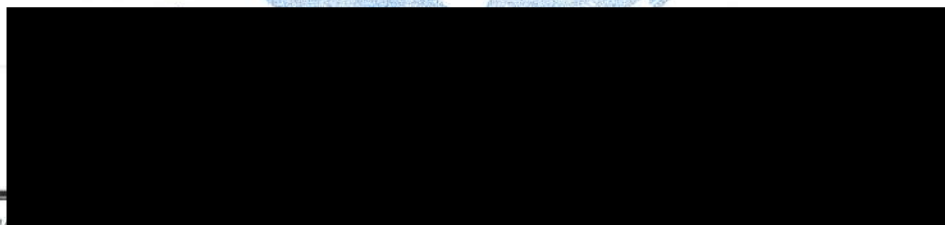
Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 01 - 02 May 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : T21A2601 and S/N UM22200

** Not have monitoring environment because 01 May 2026 is public holiday.





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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/3
Sample Type : Vibration
Sampling Date : 02 - 03 May 2026
Received Date : 04 May 2026
Analytical Date : 04 - 11 May 2026
Report Date : 12 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.506	47.0	1.994	51.0	1.797	> 100	10 < f ≤ 50	14.250
03.00 p.m. - 04.00 p.m.	2.932	51.0	2.152	37.0	1.710	> 100	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	2.814	51.0	1.915	51.0	1.655	> 100	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	2.396	51.0	1.892	> 100	1.482	> 100	50 < f ≤ 100	15.100
06.00 p.m. - 07.00 p.m.	2.372	64.0	1.639	51.0	1.482	> 100	50 < f ≤ 100	16.400
07.00 p.m. - 08.00 p.m.	2.609	51.0	1.773	51.0	1.482	> 100	50 < f ≤ 100	15.100
08.00 p.m. - 09.00 p.m.	1.939	57.0	1.947	> 100	1.781	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	2.238	51.0	1.608	> 100	1.364	> 100	50 < f ≤ 100	15.100
10.00 p.m. - 11.00 p.m.	1.734	> 100	1.442	> 100	1.230	> 100	f > 100	20.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	2.183	57.0	1.498	51.0	1.253	> 100	50 < f ≤ 100	15.700
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.	2.538	51.0	1.868	51.0	1.663	85.0	50 < f ≤ 100	15.100
06.00 a.m. - 07.00 a.m.	2.349	51.0	1.584	51.0	1.308	> 100	50 < f ≤ 100	15.100
07.00 a.m. - 08.00 a.m.	2.948	> 100	2.365	> 100	1.734	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	2.916	57.0	2.333	32.0	1.805	57.0	50 < f ≤ 100	15.700
09.00 a.m. - 10.00 a.m.	3.129	> 100	2.491	85.0	1.726	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	3.878	51.0	3.373	43.0	2.294	> 100	50 < f ≤ 100	15.100
11.00 a.m. - 12.00 p.m.	3.003	> 100	1.907	57.0	1.316	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	2.585	57.0	1.742	57.0	1.198	> 100	50 < f ≤ 100	15.700
01.00 p.m. - 02.00 p.m.	3.208	51.0	2.270	57.0	1.766	> 100	50 < f ≤ 100	15.100
24 Hour Maximum	3.878	51.0	-	-	-	-	50 < f ≤ 100	15.100

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มโก้สร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

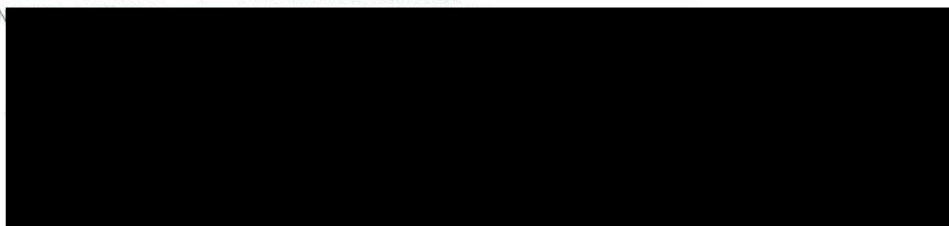
Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 03 - 04 May 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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)

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200

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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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/5
Sample Type : Vibration
Sampling Date : 04 - 05 May 2026
Received Date : 06 May 2026
Analytical Date : 06 - 11 May 2026
Report Date : 12 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.822	57.0	1.860	> 100	1.103	> 100	50 < f ≤ 100	15.700
03.00 p.m. - 04.00 p.m.	3.657	> 100	3.389	37.0	2.175	85.0	f > 100	20.000
04.00 p.m. - 05.00 p.m.	2.640	51.0	2.073	39.0	1.198	85.0	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	0.426	> 100	0.166	> 100	0.528	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.876	47.0	1.663	34.0	0.615	> 100	10 < f ≤ 50	14.250
07.00 p.m. - 08.00 p.m.	1.088	47.0	1.182	37.0	0.725	> 100	10 < f ≤ 50	11.750
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. - 12.00 a.m.	2.357	51.0	2.467	39.0	1.434	> 100	10 < f ≤ 50	12.250
12.00 a.m. - 01.00 a.m.	2.388	51.0	1.813	39.0	1.884	> 100	50 < f ≤ 100	15.100
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.	2.112	57.0	1.718	39.0	1.340	> 100	50 < f ≤ 100	15.700
05.00 a.m. - 06.00 a.m.	1.829	51.0	1.545	57.0	1.726	> 100	50 < f ≤ 100	15.100
06.00 a.m. - 07.00 a.m.	2.278	> 100	1.718	85.0	1.348	> 100	f > 100	20.000
07.00 a.m. - 08.00 a.m.	1.639	> 100	1.419	> 100	1.222	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.923	51.0	1.482	57.0	1.474	> 100	50 < f ≤ 100	15.100
09.00 a.m. - 10.00 a.m.	2.404	> 100	1.963	37.0	1.308	> 100	f > 100	20.000
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.	0.709	18.0	0.709	37.0	0.260	> 100	10 < f ≤ 50	7.000
12.00 p.m. - 01.00 p.m.	0.638	> 100	0.930	> 100	1.119	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.993	37.0	0.875	57.0	0.520	> 100	10 < f ≤ 50	11.750
24 Hour Maximum	3.657	> 100	-	-	-	-	f > 100	20.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

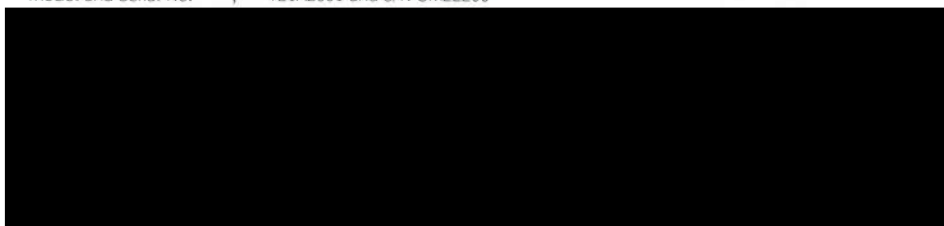
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/7
 Sample Type : Vibration
 Sampling Date : 05 - 06 May 2026
 Received Date : 07 May 2026
 Analytical Date : 07 - 11 May 2026
 Report Date : 12 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.197	14.0	0.678	18.0	0.136	20.0	10 < f ≤ 50	7.000
03.00 p.m. - 04.00 p.m.	2.522	54.0	1.931	85.0	1.639	> 100	50 < f ≤ 100	15.400
04.00 p.m. - 05.00 p.m.	1.482	43.0	1.332	30.0	1.064	> 100	10 < f ≤ 50	13.250
05.00 p.m. - 06.00 p.m.	2.412	47.0	2.499	43.0	2.317	> 100	10 < f ≤ 50	13.250
06.00 p.m. - 07.00 p.m.	2.404	39.0	1.907	51.0	2.278	> 100	10 < f ≤ 50	12.250
07.00 p.m. - 08.00 p.m.	2.270	51.0	1.537	51.0	1.726	> 100	50 < f ≤ 100	15.100
08.00 p.m. - 09.00 p.m.	1.025	> 100	0.520	57.0	0.772	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	1.237	47.0	0.851	39.0	1.119	> 100	10 < f ≤ 50	14.250
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	1.900	51.0	1.301	51.0	1.293	> 100	50 < f ≤ 100	15.100
12.00 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.	2.231	47.0	1.529	57.0	1.632	> 100	10 < f ≤ 50	14.250
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.	< 0.127	4.6	0.315	4.8	< 0.127	7.3	f ≤ 10	5.000
04.00 a.m. - 05.00 a.m.	1.955	> 100	1.206	51.0	1.427	> 100	f > 100	20.000
05.00 a.m. - 06.00 a.m.	0.150	5.4	0.378	4.5	< 0.127	9.0	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	2.562	> 100	1.639	43.0	1.994	> 100	f > 100	20.000
07.00 a.m. - 08.00 a.m.	1.088	51.0	0.969	> 100	0.851	> 100	50 < f ≤ 100	15.100
08.00 a.m. - 09.00 a.m.	2.877	51.0	2.049	39.0	2.365	> 100	50 < f ≤ 100	15.100
09.00 a.m. - 10.00 a.m.	2.325	> 100	1.561	85.0	1.884	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	2.703	> 100	1.892	51.0	2.160	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.285	26.0	0.891	51.0	0.993	> 100	10 < f ≤ 50	9.000
12.00 p.m. - 01.00 p.m.	0.166	3.4	0.426	3.3	< 0.127	5.3	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	4.185	32.0	3.397	51.0	3.192	> 100	10 < f ≤ 50	10.500
24 Hour Maximum	4.185	32.0	-	-	-	-	10 < f ≤ 50	10.500

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีเอ็มโก้สร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

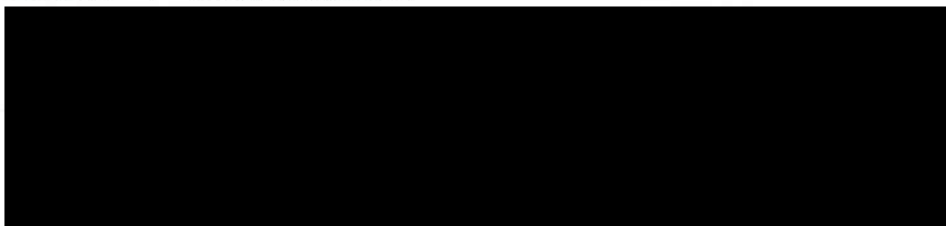
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/7
Sample Type : Vibration
Sampling Date : 06 - 07 May 2026
Received Date : 08 May 2026
Analytical Date : 08 - 18 May 2026
Report Date : 19 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.860	57.0	1.419	39.0	1.442	> 100	50 < f ≤ 100	15.700
03.00 p.m. - 04.00 p.m.	0.867	57.0	0.780	39.0	0.828	> 100	50 < f ≤ 100	15.700
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.	3.153	51.0	2.664	> 100	2.262	> 100	50 < f ≤ 100	15.100
06.00 p.m. - 07.00 p.m.	2.404	51.0	1.994	> 100	1.679	> 100	50 < f ≤ 100	15.100
07.00 p.m. - 08.00 p.m.	2.451	51.0	2.002	> 100	1.616	> 100	50 < f ≤ 100	15.100
08.00 p.m. - 09.00 p.m.	1.568	> 100	1.498	> 100	1.143	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	1.923	> 100	1.608	> 100	1.301	> 100	f > 100	20.000
10.00 p.m. - 11.00 p.m.	1.332	57.0	0.962	54.0	0.867	> 100	50 < f ≤ 100	15.700
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.206	51.0	1.040	> 100	0.717	> 100	50 < f ≤ 100	15.100
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.	1.206	47.0	1.182	73.0	0.725	> 100	10 < f ≤ 50	14.250
04.00 a.m. - 05.00 a.m.	1.734	> 100	1.734	85.0	1.214	> 100	50 < f ≤ 100	18.500
05.00 a.m. - 06.00 a.m.	3.176	51.0	3.050	47.0	2.475	> 100	50 < f ≤ 100	15.100
06.00 a.m. - 07.00 a.m.	1.174	51.0	1.048	85.0	0.749	> 100	50 < f ≤ 100	15.100
07.00 a.m. - 08.00 a.m.	2.002	57.0	1.734	> 100	1.356	> 100	50 < f ≤ 100	15.700
08.00 a.m. - 09.00 a.m.	2.168	51.0	1.907	> 100	1.616	> 100	50 < f ≤ 100	15.100
09.00 a.m. - 10.00 a.m.	2.948	57.0	2.223	34.0	2.294	> 100	50 < f ≤ 100	15.700
10.00 a.m. - 11.00 a.m.	0.765	20.0	0.954	43.0	0.678	73.0	10 < f ≤ 50	13.250
11.00 a.m. - 12.00 p.m.	2.696	51.0	2.081	51.0	1.411	> 100	50 < f ≤ 100	15.100
12.00 p.m. - 01.00 p.m.	1.040	39.0	1.080	51.0	0.552	> 100	50 < f ≤ 100	15.100
01.00 p.m. - 02.00 p.m.	2.375	57.0	2.183	43.0	1.687	> 100	50 < f ≤ 100	15.700
24 Hour Maximum	3.176	51.0	-	-	-	-	50 < f ≤ 100	15.100

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Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

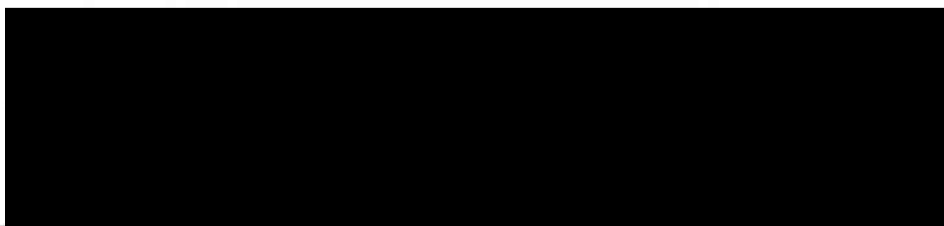
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/9
 Sample Type : Vibration
 Sampling Date : 07 - 08 May 2026
 Received Date : 11 May 2026
 Analytical Date : 11 - 18 May 2026
 Report Date : 19 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	4.043	57.0	2.688	39.0	2.152	> 100	50 < f ≤ 100	15.700
03.00 p.m. - 04.00 p.m.	2.625	34.0	2.435	57.0	2.018	> 100	10 < f ≤ 50	11.000
04.00 p.m. - 05.00 p.m.	0.607	> 100	0.465	43.0	0.489	> 100	-	-
05.00 p.m. - 06.00 p.m.	2.861	64.0	2.577	43.0	1.907	85.0	50 < f ≤ 100	16.400
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.	1.261	47.0	1.261	51.0	0.804	> 100	10 < f ≤ 50	14.250
08.00 p.m. - 09.00 p.m.	2.294	51.0	2.112	34.0	1.458	> 100	50 < f ≤ 100	15.100
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.	2.633	51.0	2.065	57.0	1.907	> 100	50 < f ≤ 100	15.100
11.00 p.m. - 12.00 a.m.	0.930	> 100	0.906	51.0	0.662	> 100	f > 100	20.000
12.00 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.	1.269	51.0	0.938	51.0	0.891	> 100	50 < f ≤ 100	15.100
05.00 a.m. - 06.00 a.m.	2.010	57.0	1.458	51.0	1.332	> 100	50 < f ≤ 100	15.700
06.00 a.m. - 07.00 a.m.	3.263	51.0	2.932	43.0	2.404	> 100	50 < f ≤ 100	15.100
07.00 a.m. - 08.00 a.m.	2.325	51.0	1.427	51.0	1.206	> 100	50 < f ≤ 100	15.100
08.00 a.m. - 09.00 a.m.	4.083	51.0	2.412	43.0	2.325	> 100	50 < f ≤ 100	15.100
09.00 a.m. - 10.00 a.m.	1.040	> 100	0.875	39.0	0.481	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	1.048	> 100	0.954	37.0	0.757	85.0	f > 100	20.000
11.00 a.m. - 12.00 p.m.	3.515	39.0	2.877	43.0	2.688	> 100	10 < f ≤ 50	12.250
12.00 p.m. - 01.00 p.m.	3.058	64.0	2.451	39.0	2.041	> 100	50 < f ≤ 100	16.400
01.00 p.m. - 02.00 p.m.	1.829	51.0	2.412	51.0	2.246	> 100	50 < f ≤ 100	15.100
24 Hour Maximum	4.043	57.0	-	-	-	-	50 < f ≤ 100	15.700

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 Model and Serial No. : T21A2601 and S/N UM22200





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 ทีเอ็มโก้สร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/11
Sample Type : Vibration
Sampling Date : 08 - 09 May 2026
Received Date : 11 May 2026
Analytical Date : 11 - 18 May 2026
Report Date : 19 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.341	> 100	1.340	51.0	2.199	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	2.254	51.0	1.702	51.0	1.616	> 100	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	3.098	51.0	2.262	47.0	2.396	> 100	50 < f ≤ 100	15.100
05.00 p.m. - 06.00 p.m.	2.656	51.0	1.978	64.0	2.459	> 100	50 < f ≤ 100	15.100
06.00 p.m. - 07.00 p.m.	3.925	51.0	2.656	64.0	3.011	> 100	50 < f ≤ 100	15.100
07.00 p.m. - 08.00 p.m.	2.680	51.0	1.915	51.0	1.167	> 100	50 < f ≤ 100	15.100
08.00 p.m. - 09.00 p.m.	1.096	47.0	0.835	47.0	0.851	> 100	10 < f ≤ 50	14.250
09.00 p.m. - 10.00 p.m.	1.151	11.0	0.205	85.0	0.843	85.0	10 < f ≤ 50	5.250
10.00 p.m. - 11.00 p.m.	1.182	43.0	0.938	43.0	0.930	> 100	10 < f ≤ 50	13.250
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	8.0	0.964	4.9	< 0.127	8.0	f ≤ 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.	1.064	20.0	0.804	24.0	0.339	20.0	10 < f ≤ 50	7.500
09.00 a.m. - 10.00 a.m.	0.292	> 100	1.181	16.0	0.441	> 100	10 < f ≤ 50	6.500
10.00 a.m. - 11.00 a.m.	0.236	3.7	1.347	3.9	0.142	> 100	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	0.631	39.0	0.631	47.0	0.268	85.0	10 < f ≤ 50	12.250
12.00 p.m. - 01.00 p.m.	0.347	3.6	1.054	3.7	0.625	> 100	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	0.591	3.0	1.623	51.0	0.166	34.0	50 < f ≤ 100	15.100
24 Hour Maximum	3.925	51.0	-	-	-	-	50 < f ≤ 100	15.100

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีอีเอก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

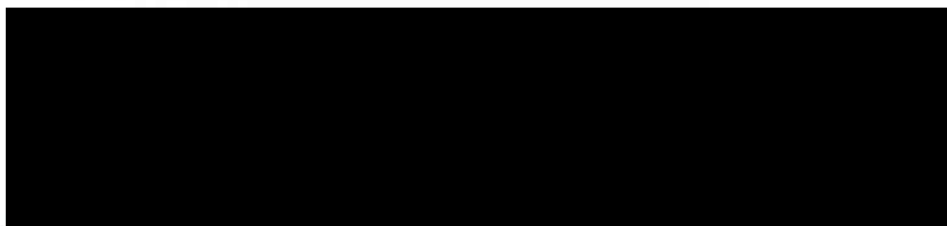
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/13
 Sample Type : Vibration
 Sampling Date : 09 - 10 May 2026
 Received Date : 11 May 2026
 Analytical Date : 11 - 18 May 2026
 Report Date : 19 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.080	> 100	0.969	51.0	0.954	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.371	51.0	1.127	39.0	0.969	> 100	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	0.504	57.0	0.497	47.0	0.292	85.0	50 < f ≤ 100	15.700
05.00 p.m. - 06.00 p.m.	1.371	73.0	1.403	47.0	1.230	85.0	10 < f ≤ 50	14.250
06.00 p.m. - 07.00 p.m.	1.600	51.0	0.993	43.0	1.167	> 100	50 < f ≤ 100	15.100
07.00 p.m. - 08.00 p.m.	1.379	23.0	1.064	43.0	1.017	> 100	10 < f ≤ 50	8.250
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.	0.883	43.0	0.733	43.0	0.370	85.0	10 < f ≤ 50	13.250
10.00 p.m. - 11.00 p.m.	0.788	47.0	0.709	47.0	0.331	> 100	10 < f ≤ 50	14.250
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	1.600	51.0	-	-	-	-	50 < f ≤ 100	15.100

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเอ็มก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

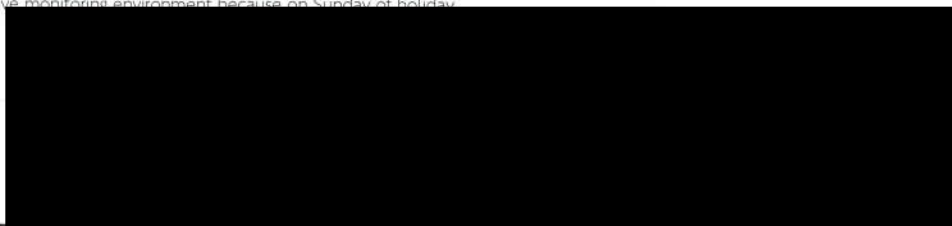
Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 10 - 11 May 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200

* Not have monitoring environment because on Sunday of holiday



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซิมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

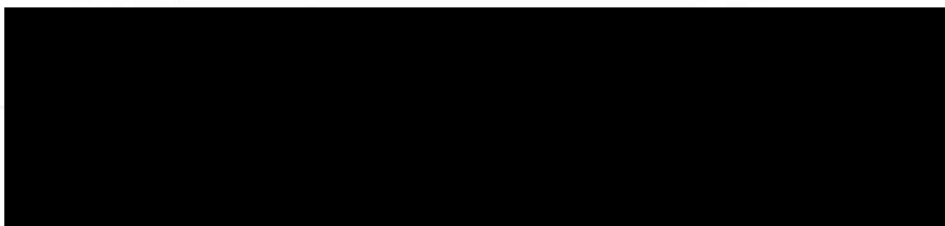
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/15
 Sample Type : Vibration
 Sampling Date : 11 - 12 May 2026
 Received Date : 13 May 2026
 Analytical Date : 13 - 18 May 2026
 Report Date : 19 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.954	73.0	1.143	27.0	0.733	> 100	10 < f ≤ 50	9.250
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.	1.442	43.0	1.434	37.0	1.576	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.615	> 100	0.504	37.0	0.757	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	2.301	57.0	1.876	43.0	1.892	> 100	50 < f ≤ 100	15.700
07.00 p.m. - 08.00 p.m.	1.632	57.0	1.230	51.0	1.836	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	1.340	27.0	0.221	23.0	2.286	73.0	50 < f ≤ 100	17.300
09.00 p.m. - 10.00 p.m.	0.954	64.0	0.631	43.0	0.709	> 100	50 < f ≤ 100	16.400
10.00 p.m. - 11.00 p.m.	2.191	37.0	2.041	39.0	2.081	> 100	10 < f ≤ 50	11.750
11.00 p.m. - 12.00 a.m.	2.002	57.0	1.781	39.0	1.963	> 100	50 < f ≤ 100	15.700
12.00 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.	1.114	51.0	0.835	47.0	0.993	> 100	50 < f ≤ 100	15.100
04.00 a.m. - 05.00 a.m.	1.017	51.0	0.899	43.0	0.969	> 100	50 < f ≤ 100	15.100
05.00 a.m. - 06.00 a.m.	1.387	51.0	1.088	39.0	1.135	> 100	50 < f ≤ 100	15.100
06.00 a.m. - 07.00 a.m.	3.090	73.0	1.766	73.0	1.876	> 100	50 < f ≤ 100	17.300
07.00 a.m. - 08.00 a.m.	2.089	> 100	1.245	57.0	1.537	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	0.654	51.0	1.190	43.0	0.969	64.0	10 < f ≤ 50	13.250
09.00 a.m. - 10.00 a.m.	0.962	47.0	0.938	43.0	0.386	85.0	10 < f ≤ 50	14.250
10.00 a.m. - 11.00 a.m.	1.230	47.0	1.033	39.0	1.056	> 100	10 < f ≤ 50	14.250
11.00 a.m. - 12.00 p.m.	0.591	> 100	0.962	> 100	1.182	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.821	51.0	1.237	39.0	1.301	> 100	50 < f ≤ 100	15.100
01.00 p.m. - 02.00 p.m.	1.829	9.0	1.521	28.0	0.859	> 100	f ≤ 10	5.000
24 Hour Maximum	3.090	73.0	-	-	-	-	50 < f ≤ 100	17.300

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

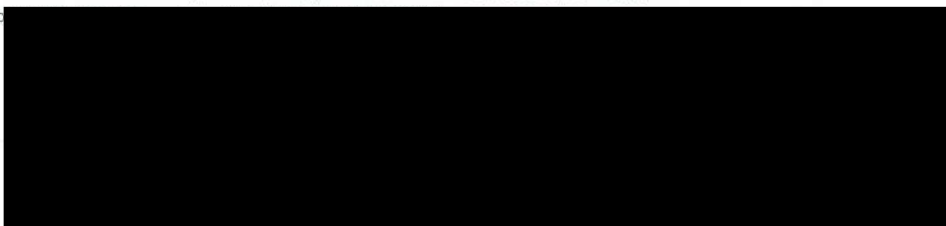
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/17
 Sample Type : Vibration
 Sampling Date : 12 - 13 May 2026
 Received Date : 14 May 2026
 Analytical Date : 14 - 18 May 2026
 Report Date : 19 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.608	51.0	1.844	64.0	1.151	> 100	50 < f ≤ 100	16.400
03.00 p.m. - 04.00 p.m.	2.971	4.5	2.238	32.0	1.624	47.0	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	2.073	64.0	1.442	57.0	1.537	> 100	50 < f ≤ 100	16.400
05.00 p.m. - 06.00 p.m.	2.002	73.0	1.269	64.0	1.442	51.0	50 < f ≤ 100	17.300
06.00 p.m. - 07.00 p.m.	2.231	85.0	1.521	43.0	1.411	51.0	50 < f ≤ 100	18.500
07.00 p.m. - 08.00 p.m.	2.711	> 100	1.624	37.0	2.057	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	1.490	51.0	1.017	39.0	1.040	> 100	50 < f ≤ 100	15.100
09.00 p.m. - 10.00 p.m.	2.309	39.0	1.632	43.0	1.876	> 100	-	-
10.00 p.m. - 11.00 p.m.	< 0.127	5.7	0.331	5.6	< 0.127	7.9	f ≤ 10	5.000
11.00 p.m. - 12.00 a.m.	1.474	37.0	1.371	39.0	1.608	> 100	f > 100	20.000
12.00 a.m. - 01.00 a.m.	1.907	51.0	1.679	37.0	1.860	> 100	50 < f ≤ 100	15.100
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.	0.150	14.0	0.449	18.0	< 0.127	18.0	10 < f ≤ 50	7.000
06.00 a.m. - 07.00 a.m.	2.932	57.0	2.396	47.0	2.680	> 100	50 < f ≤ 100	15.700
07.00 a.m. - 08.00 a.m.	2.097	57.0	1.576	37.0	2.026	> 100	50 < f ≤ 100	15.700
08.00 a.m. - 09.00 a.m.	0.347	> 100	0.268	22.0	0.441	> 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	-	-
11.00 a.m. - 12.00 p.m.	< 0.127	274.0	0.434	30.0	0.173	> 100	10 < f ≤ 50	10.000
12.00 p.m. - 01.00 p.m.	0.544	14.0	0.725	> 100	0.599	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.946	7.3	0.552	> 100	0.615	17.0	f ≤ 10	5.000
24 Hour Maximum	2.932	57.0	-	-	-	-	50 < f ≤ 100	15.700

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/21
 Sample Type : Vibration
 Sampling Date : 13 - 14 May 2026
 Received Date : 15 May 2026
 Analytical Date : 15 - 25 May 2026
 Report Date : 26 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	0.252	4.0	0.607	4.2	0.166	4.1	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	3.176	> 100	1.733	37.0	1.639	> 100	$f > 100$	20.000
05.00 p.m. - 06.00 p.m.	2.451	> 100	1.734	51.0	1.915	> 100	$f > 100$	20.000
06.00 p.m. - 07.00 p.m.	2.097	> 100	1.498	51.0	1.505	> 100	$f > 100$	20.000
07.00 p.m. - 08.00 p.m.	3.168	47.0	1.970	43.0	1.513	85.0	$10 < f \leq 50$	14.250
08.00 p.m. - 09.00 p.m.	0.686	43.0	0.434	51.0	0.449	> 100	$10 < f \leq 50$	13.250
09.00 p.m. - 10.00 p.m.	1.702	51.0	1.174	47.0	0.993	85.0	$50 < f \leq 100$	15.100
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.166	5.1	0.749	4.3	0.166	4.8	$f \leq 10$	5.000
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.	0.867	> 100	1.040	> 100	0.654	> 100	$f > 100$	20.000
09.00 a.m. - 10.00 a.m.	0.977	> 100	1.316	> 100	0.828	> 100	$f > 100$	20.000
10.00 a.m. - 11.00 a.m.	3.129	85.0	2.010	34.0	2.089	> 100	$50 < f \leq 100$	18.500
11.00 a.m. - 12.00 p.m.	1.561	64.0	1.442	39.0	1.860	> 100	$f > 100$	20.000
12.00 p.m. - 01.00 p.m.	0.315	32.0	0.260	57.0	0.394	30.0	$10 < f \leq 50$	10.000
01.00 p.m. - 02.00 p.m.	0.899	> 100	0.914	> 100	0.780	> 100	$f > 100$	20.000
24 Hour Maximum	3.176	> 100	-	-	-	-	$f > 100$	20.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/23
Sample Type : Vibration
Sampling Date : 14 - 15 May 2026
Received Date : 18 May 2026
Analytical Date : 18 - 25 May 2026
Report Date : 26 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.253	57.0	0.938	39.0	0.969	> 100	50 < f ≤ 100	15.700
03.00 p.m. - 04.00 p.m.	1.356	> 100	0.788	73.0	0.701	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	0.213	4.2	0.363	4.7	< 0.127	7.4	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	0.315	> 100	0.347	57.0	0.355	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.804	6.9	0.552	> 100	0.544	7.1	f ≤ 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.	0.520	24.0	0.938	24.0	0.725	21.0	10 < f ≤ 50	8.500
09.00 p.m. - 10.00 p.m.	0.158	47.0	0.307	47.0	< 0.127	39.0	10 < f ≤ 50	14.250
10.00 p.m. - 11.00 p.m.	0.231	19.0	0.370	21.0	0.284	18.0	10 < f ≤ 50	7.750
11.00 p.m. - 12.00 a.m.	0.449	28.0	0.930	26.0	0.536	27.0	10 < f ≤ 50	9.000
12.00 a.m. - 01.00 a.m.	0.536	20.0	0.922	20.0	0.654	21.0	10 < f ≤ 50	7.500
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.	< 0.127	14.0	0.378	14.0	< 0.127	19.0	10 < f ≤ 50	6.000
06.00 a.m. - 07.00 a.m.	0.229	14.0	0.473	20.0	< 0.127	22.0	10 < f ≤ 50	7.500
07.00 a.m. - 08.00 a.m.	1.190	64.0	1.687	73.0	0.835	> 100	50 < f ≤ 100	17.300
08.00 a.m. - 09.00 a.m.	0.835	> 100	0.820	85.0	0.725	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.229	64.0	0.331	> 100	0.260	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	1.513	> 100	2.207	> 100	1.151	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	0.370	> 100	1.182	47.0	0.386	> 100	10 < f ≤ 50	14.250
12.00 p.m. - 01.00 p.m.	0.536	> 100	0.796	> 100	0.709	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.244	2.3	0.465	2.4	0.197	2.7	f ≤ 10	5.000
24 Hour Maximum	-	-	2.207	> 100	-	-	f > 100	20.000

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2553 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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 ซีอีเอก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

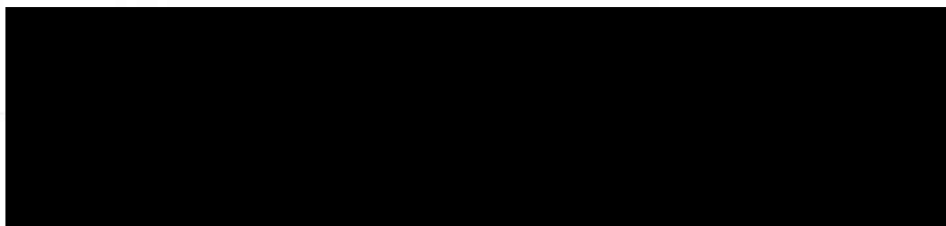
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/25
Sample Type : Vibration
Sampling Date : 15 - 16 May 2026
Received Date : 18 May 2026
Analytical Date : 18 - 25 May 2026
Report Date : 26 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.348	73.0	0.772	57.0	0.835	73.0	50 < f ≤ 100	17.300
03.00 p.m. - 04.00 p.m.	0.473	> 100	0.441	> 100	0.284	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	1.395	> 100	1.261	> 100	1.285	73.0	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.938	47.0	1.151	37.0	1.096	64.0	10 < f ≤ 50	11.750
06.00 p.m. - 07.00 p.m.	1.182	> 100	1.245	> 100	0.867	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.757	51.0	0.741	34.0	1.033	34.0	10 < f ≤ 50	11.000
08.00 p.m. - 09.00 p.m.	0.331	85.0	0.378	47.0	0.292	43.0	10 < f ≤ 50	14.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.441	> 100	0.307	37.0	0.326	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.482	73.0	1.466	51.0	1.829	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.080	> 100	1.632	85.0	1.513	> 100	50 < f ≤ 100	18.500
10.00 a.m. - 11.00 a.m.	0.173	5.2	0.426	4.6	0.150	13.0	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	0.189	51.0	0.307	34.0	< 0.127	64.0	10 < f ≤ 50	11.000
12.00 p.m. - 01.00 p.m.	0.284	85.0	0.307	51.0	0.473	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.528	39.0	0.670	47.0	0.591	> 100	10 < f ≤ 50	14.250
24 Hour Maximum	-	-	-	-	1.829	> 100	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : T21A2601 and S/N UM22200





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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/27
Sample Type : Vibration
Sampling Date : 16 - 17 May 2026
Received Date : 18 May 2026
Analytical Date : 18 - 25 May 2026
Report Date : 26 May 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.623	> 100	0.489	> 100	0.615	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.001	> 100	1.332	> 100	0.765	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	1.364	> 100	1.702	> 100	0.922	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.946	> 100	1.190	> 100	0.741	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.324	> 100	1.474	> 100	0.875	> 100	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.	0.835	> 100	1.025	> 100	0.701	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	0.914	> 100	1.072	> 100	0.623	> 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	-	-	1.702	> 100	-	-	f > 100	20.000

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial Number : [REDACTED]

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเอกก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 17 - 18 May 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200

* Not have monitoring environment because on Sunday of holiday



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/30
 Sample Type : Vibration
 Sampling Date : 18 - 19 May 2026
 Received Date : 20 May 2026
 Analytical Date : 20 - 25 May 2026
 Report Date : 26 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.151	51.0	0.891	> 100	0.828	57.0	50 < f ≤ 100	15.100
03.00 p.m. - 04.00 p.m.	1.679	> 100	2.002	> 100	1.222	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	0.686	> 100	1.009	> 100	0.560	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.780	> 100	1.222	> 100	0.780	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.875	> 100	1.088	> 100	0.646	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.962	> 100	1.167	> 100	0.615	> 100	f > 100	20.000
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.	0.812	> 100	0.867	57.0	1.190	> 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. - 12.00 a.m.	1.072	> 100	1.505	85.0	1.513	> 100	f > 100	20.000
12.00 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.	1.033	> 100	1.442	85.0	1.371	> 100	50 < f ≤ 100	18.500
08.00 a.m. - 09.00 a.m.	1.182	> 100	1.348	> 100	0.899	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.096	> 100	0.985	27.0	1.237	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	0.780	> 100	2.065	> 100	0.804	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.174	> 100	2.562	> 100	1.206	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.678	> 100	1.269	> 100	0.709	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.364	> 100	2.554	> 100	1.253	> 100	f > 100	20.000
24 Hour Maximum	-	-	2.562	> 100	-	-	f > 100	20.000

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

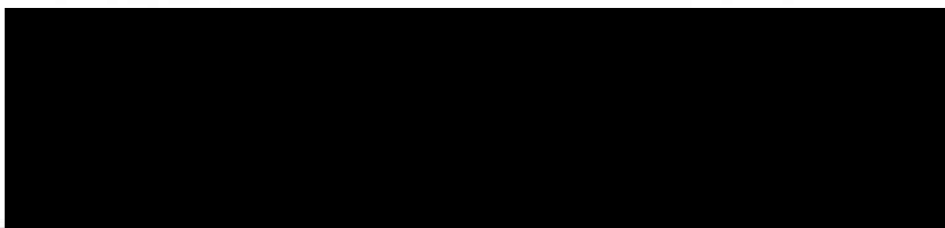
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/32
 Sample Type : Vibration
 Sampling Date : 19 - 20 May 2026
 Received Date : 21 May 2026
 Analytical Date : 21 - 25 May 2026
 Report Date : 26 May 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.332	> 100	2.420	> 100	1.868	73.0	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.206	> 100	2.144	> 100	1.671	7.4	f > 100	20.000
04.00 p.m. - 05.00 p.m.	1.096	> 100	2.262	> 100	1.174	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.544	> 100	0.812	> 100	0.520	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.040	> 100	1.647	> 100	0.828	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.733	> 100	1.253	> 100	0.701	> 100	f > 100	20.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.159	> 100	1.655	> 100	0.733	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.804	> 100	1.316	> 100	0.686	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	1.159	> 100	1.766	> 100	0.780	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.285	> 100	1.781	> 100	0.891	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.654	> 100	0.938	> 100	0.599	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.993	> 100	1.576	> 100	1.017	> 100	f > 100	20.000
24 Hour Maximum	-	-	2.420	> 100	-	-	f > 100	20.000

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)

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีเอ็มโก้สร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

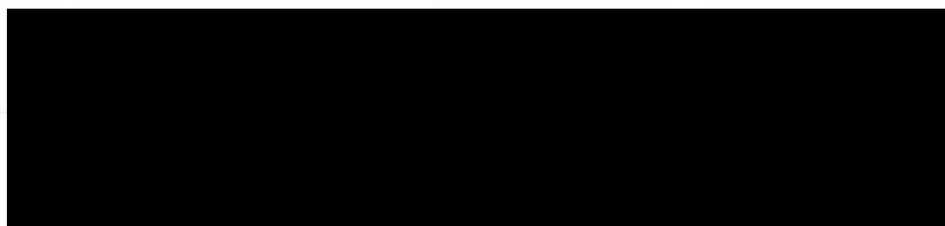
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/34
Sample Type : Vibration
Sampling Date : 20 - 21 May 2026
Received Date : 22 May 2026
Analytical Date : 22 May - 01 June 2026
Report Date : 02 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.056	> 100	1.844	> 100	1.096	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.293	> 100	2.199	> 100	2.325	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	0.906	> 100	2.049	> 100	1.009	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.812	> 100	1.293	> 100	0.733	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.395	> 100	2.459	> 100	1.521	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	1.600	> 100	2.191	> 100	1.884	28.0	f > 100	20.000
08.00 p.m. - 09.00 p.m.	0.875	> 100	1.545	73.0	0.812	> 100	50 < f ≤ 100	17.300
09.00 p.m. - 10.00 p.m.	0.946	> 100	1.458	85.0	0.922	> 100	50 < f ≤ 100	18.500
10.00 p.m. - 11.00 p.m.	0.985	> 100	1.529	85.0	0.899	> 100	50 < f ≤ 100	18.500
11.00 p.m. - 12.00 a.m.	0.694	> 100	1.096	> 100	0.772	> 100	f > 100	20.000
12.00 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.	0.449	73.0	1.017	73.0	0.528	85.0	50 < f ≤ 100	17.300
03.00 a.m. - 04.00 a.m.	1.064	> 100	1.442	> 100	0.977	> 100	f > 100	20.000
04.00 a.m. - 05.00 a.m.	1.025	> 100	1.576	73.0	1.096	> 100	50 < f ≤ 100	17.300
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.	1.064	> 100	1.427	> 100	0.725	> 100	f > 100	20.000
07.00 a.m. - 08.00 a.m.	2.081	> 100	2.428	> 100	1.482	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.450	> 100	2.120	> 100	1.584	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.805	> 100	2.459	> 100	1.403	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	1.340	> 100	2.459	> 100	1.466	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.679	> 100	2.443	> 100	1.411	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.687	> 100	2.380	> 100	1.214	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.829	> 100	2.719	> 100	1.332	> 100	f > 100	20.000
24 Hour Maximum	-	-	2.719	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

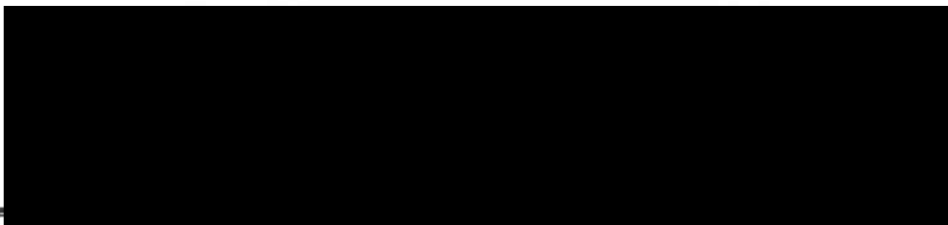
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/36
 Sample Type : Vibration
 Sampling Date : 21 - 22 May 2026
 Received Date : 25 May 2026
 Analytical Date : 25 May - 01 June 2026
 Report Date : 02 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.734	> 100	2.703	> 100	1.395	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.371	> 100	2.246	> 100	1.033	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	0.906	> 100	1.096	> 100	0.725	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	2.522	> 100	2.380	64.0	2.223	> 100	50 < f ≤ 100	16.400
06.00 p.m. - 07.00 p.m.	1.726	> 100	2.168	> 100	1.702	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.646	> 100	0.969	> 100	0.418	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	0.544	> 100	0.812	> 100	0.520	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	1.159	> 100	1.766	> 100	0.780	> 100	f > 100	20.000
10.00 p.m. - 11.00 p.m.	1.285	> 100	1.781	> 100	0.891	> 100	f > 100	20.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.340	> 100	1.844	> 100	0.954	> 100	f > 100	20.000
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.	1.379	> 100	1.781	> 100	0.954	> 100	f > 100	20.000
06.00 a.m. - 07.00 a.m.	0.615	> 100	0.812	> 100	0.418	> 100	f > 100	20.000
07.00 a.m. - 08.00 a.m.	1.285	> 100	2.065	> 100	1.009	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.174	> 100	1.608	> 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	-	-
10.00 a.m. - 11.00 a.m.	1.545	> 100	1.994	> 100	1.135	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.970	> 100	2.633	> 100	1.450	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.947	> 100	2.428	> 100	1.647	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	2.183	> 100	3.137	> 100	1.718	> 100	f > 100	20.000
24 Hour Maximum	-	-	3.137	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

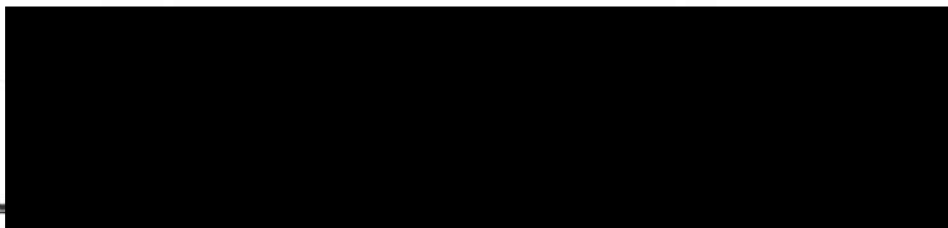
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/38
 Sample Type : Vibration
 Sampling Date : 22 - 23 May 2026
 Received Date : 25 May 2026
 Analytical Date : 25 May - 01 June 2026
 Report Date : 02 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.977	> 100	1.316	> 100	0.828	> 100	f > 100	20.000
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.	0.867	> 100	1.040	> 100	0.654	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.364	> 100	1.702	> 100	0.922	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.914	> 100	1.072	> 100	0.623	> 100	f > 100	20.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.780	> 100	1.222	> 100	0.780	> 100	f > 100	20.000
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.	1.182	> 100	1.348	> 100	0.899	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.096	> 100	0.985	27.0	1.237	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	1.072	> 100	1.505	85.0	1.513	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.017	57.0	1.695	73.0	1.442	> 100	50 < f ≤ 100	17.300
12.00 p.m. - 01.00 p.m.	1.237	> 100	2.254	73.0	1.994	> 100	50 < f ≤ 100	17.300
01.00 p.m. - 02.00 p.m.	1.702	> 100	2.625	73.0	2.577	> 100	50 < f ≤ 100	17.300
24 Hour Maximum	-	-	2.625	73.0	-	-	50 < f ≤ 100	17.300

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/40
 Sample Type : Vibration
 Sampling Date : 23 - 24 May 2026
 Received Date : 25 May 2026
 Analytical Date : 25 May - 01 June 2026
 Report Date : 02 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.026	> 100	1.474	> 100	3.050	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	2.191	> 100	1.671	> 100	3.200	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	1.167	> 100	1.174	> 100	1.655	> 100	f > 100	20.000
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.	1.624	85.0	2.743	> 100	1.135	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.418	73.0	0.457	> 100	1.001	> 100	f > 100	20.000
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.	1.080	39.0	1.301	32.0	1.624	27.0	10 < f ≤ 50	9.250
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.797	> 100	1.458	> 100	2.940	> 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	-	-
11.00 a.m. - 12.00 p.m.	2.554	> 100	2.633	> 100	2.901	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.647	> 100	1.356	> 100	1.182	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
24 Hour Maximum	-	-	-	-	3.200	> 100	f > 100	20.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : -
 Sample Type : Vibration
 Sampling Date : 24 - 25 May 2026
 Received Date : -
 Analytical Date : -
 Report Date : -
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. ; 721A2601 and S/N UM22200
 * Not have monitoring environment because on Sunday of holiday.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

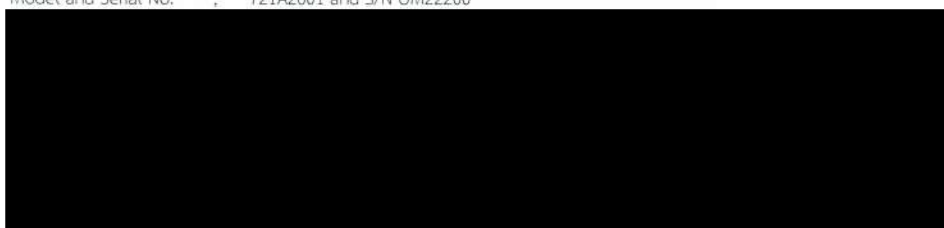
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/42
 Sample Type : Vibration
 Sampling Date : 25 - 26 May 2026
 Received Date : 27 May 2026
 Analytical Date : 27 May - 01 June 2026
 Report Date : 02 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	1.269	> 100	1.379	> 100	0.835	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	1.695	> 100	1.813	> 100	1.182	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.993	> 100	1.379	> 100	0.804	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.993	> 100	1.261	> 100	0.678	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	1.395	> 100	1.379	> 100	0.796	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	1.017	> 100	1.695	> 100	0.867	> 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.804	> 100	1.001	> 100	0.536	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.616	> 100	1.710	> 100	0.835	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.529	> 100	1.805	> 100	1.001	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	0.631	> 100	1.048	> 100	0.954	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	0.504	5.0	1.458	5.6	0.300	9.1	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	0.851	> 100	1.269	> 100	1.088	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.969	> 100	1.600	85.0	1.427	> 100	50 < f ≤ 100	18.500
24 Hour Maximum	-	-	1.813	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/44
Sample Type : Vibration
Sampling Date : 26 - 27 May 2026
Received Date : 28 May 2026
Analytical Date : 28 May - 01 June 2026
Report Date : 02 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.080	> 100	1.742	85.0	1.490	> 100	50 < f ≤ 100	18.500
03.00 p.m. - 04.00 p.m.	0.804	> 100	1.442	73.0	1.442	> 100	50 < f ≤ 100	17.300
04.00 p.m. - 05.00 p.m.	1.048	> 100	1.679	73.0	1.561	> 100	50 < f ≤ 100	17.300
05.00 p.m. - 06.00 p.m.	0.954	> 100	1.592	85.0	1.505	> 100	50 < f ≤ 100	18.500
06.00 p.m. - 07.00 p.m.	0.733	> 100	1.230	85.0	1.214	> 100	50 < f ≤ 100	18.500
07.00 p.m. - 08.00 p.m.	0.717	> 100	1.340	85.0	1.332	> 100	50 < f ≤ 100	18.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.143	> 100	1.766	64.0	1.561	> 100	50 < f ≤ 100	16.400
09.00 a.m. - 10.00 a.m.	1.048	> 100	1.805	85.0	1.545	> 100	50 < f ≤ 100	18.500
10.00 a.m. - 11.00 a.m.	1.182	> 100	1.695	85.0	1.903	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.151	64.0	1.766	73.0	1.789	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.701	> 100	0.899	73.0	1.174	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.001	> 100	1.316	73.0	1.576	> 100	f > 100	20.000
24 Hour Maximum	-	-	-	-	1.903	> 100	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มโก้สร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

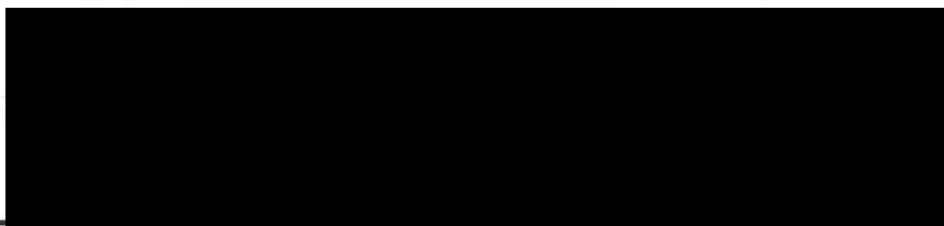
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/46
 Sample Type : Vibration
 Sampling Date : 27 - 28 May 2026
 Received Date : 29 May 2026
 Analytical Date : 29 May - 05 June 2026
 Report Date : 08 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.364	> 100	1.411	> 100	1.395	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.222	> 100	1.340	> 100	0.765	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	1.009	> 100	0.828	> 100	0.812	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.946	> 100	1.190	> 100	0.757	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.733	> 100	1.151	> 100	0.701	85.0	f > 100	20.000
07.00 p.m. - 08.00 p.m.	1.096	> 100	1.348	> 100	0.859	> 100	f > 100	20.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.088	> 100	1.127	> 100	0.717	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.269	> 100	1.379	> 100	0.835	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	1.230	> 100	1.608	> 100	0.954	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	0.867	> 100	1.110	> 100	0.709	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.993	> 100	1.379	> 100	0.804	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.308	> 100	1.539	> 100	0.962	> 100	f > 100	20.000
24 Hour Maximum	-	-	1.608	> 100	-	-	f > 100	20.000

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/48
 Sample Type : Vibration
 Sampling Date : 28 - 29 May 2026
 Received Date : 01 June 2026
 Analytical Date : 01 - 05 June 2026
 Report Date : 08 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.835	> 100	1.025	> 100	0.686	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	0.891	> 100	1.151	> 100	0.733	> 100	f > 100	20.000
04.00 p.m. - 05.00 p.m.	0.993	> 100	1.261	> 100	0.678	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.946	> 100	1.316	> 100	0.694	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.395	> 100	1.378	> 100	0.796	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.946	> 100	1.253	> 100	0.741	> 100	f > 100	20.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.017	> 100	1.695	> 100	0.867	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.804	> 100	1.001	> 100	0.536	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	1.356	85.0	1.553	73.0	2.483	73.0	50 < f ≤ 100	17.300
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.	0.969	85.0	2.703	> 100	1.624	> 100	f > 100	20.000
24 Hour Maximum	-	-	2.703	> 100	-	-	f > 100	20.000

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

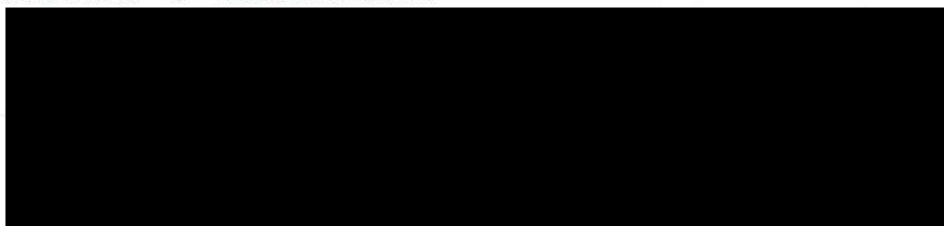
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/50
 Sample Type : Vibration
 Sampling Date : 29 - 30 May 2026
 Received Date : 01 June 2026
 Analytical Date : 01 - 05 June 2026
 Report Date : 08 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.206	22.0	1.261	20.0	1.096	30.0	10 < f ≤ 50	7.500
03.00 p.m. - 04.00 p.m.	1.545	> 100	0.788	85.0	1.608	85.0	50 < f ≤ 100	18.500
04.00 p.m. - 05.00 p.m.	0.804	64.0	0.662	> 100	1.167	85.0	50 < f ≤ 100	18.500
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.	1.348	26.0	0.717	22.0	0.780	28.0	10 < f ≤ 50	9.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.917	23.0	0.371	39.0	0.785	14.0	10 < f ≤ 50	8.250
09.00 a.m. - 10.00 a.m.	0.904	27.0	1.126	> 100	1.706	30.0	10 < f ≤ 50	10.000
10.00 a.m. - 11.00 a.m.	1.695	28.0	0.575	19.0	0.678	22.0	10 < f ≤ 50	9.500
11.00 a.m. - 12.00 p.m.	1.088	17.0	1.009	4.9	0.741	23.0	10 < f ≤ 50	6.750
12.00 p.m. - 01.00 p.m.	1.639	18.0	1.766	24.0	1.356	47.0	10 < f ≤ 50	8.500
01.00 p.m. - 02.00 p.m.	1.206	24.0	1.505	19.0	0.891	22.0	10 < f ≤ 50	7.250
24 Hour Maximum	-	-	1.766	24.0	-	-	10 < f ≤ 50	8.500

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

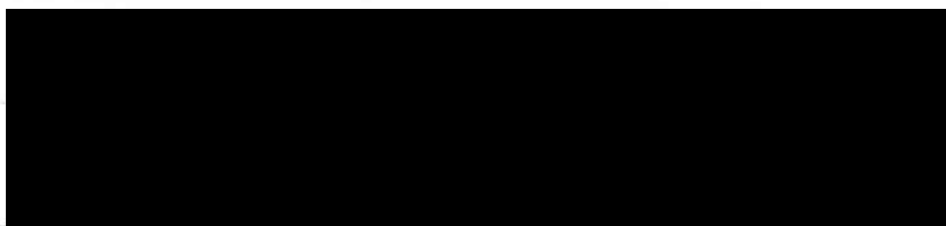
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/52
 Sample Type : Vibration
 Sampling Date : 30 - 31 May 2026
 Received Date : 01 June 2026
 Analytical Date : 01 - 05 June 2026
 Report Date : 08 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.324	5.1	1.096	30.0	0.741	37.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	1.230	39.0	1.663	21.0	0.788	26.0	$10 < f \leq 50$	7.750
04.00 p.m. - 05.00 p.m.	0.835	85.0	1.017	73.0	1.758	85.0	$50 < f \leq 100$	18.500
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.	1.261	30.0	0.938	37.0	0.906	37.0	$10 < f \leq 50$	10.000
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.	1.127	57.0	0.434	34.0	0.859	> 100	$50 < f \leq 100$	15.700
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.033	64.0	1.442	64.0	0.646	85.0	$50 < f \leq 100$	16.400
08.00 a.m. - 09.00 a.m.	1.088	> 100	2.223	> 100	1.963	73.0	$f > 100$	20.000
09.00 a.m. - 10.00 a.m.	2.112	39.0	1.773	47.0	1.576	51.0	$10 < f \leq 50$	12.250
10.00 a.m. - 11.00 a.m.	2.018	34.0	1.198	47.0	1.237	37.0	$10 < f \leq 50$	11.000
11.00 a.m. - 12.00 p.m.	1.080	51.0	1.805	> 100	1.639	85.0	$f > 100$	20.000
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.	0.347	> 100	1.553	> 100	0.646	> 100	$f > 100$	20.000
24 Hour Maximum	-	-	2.223	> 100	-	-	$f > 100$	20.000

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

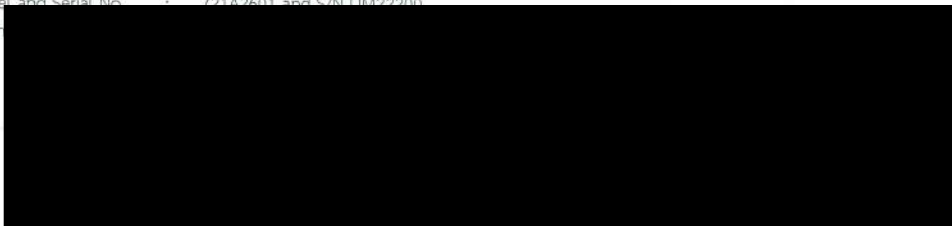
Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 31 May - 01 June 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

* Not h



10/25/2567 10:00:00 AM



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/3
Sample Type : Vibration
Sampling Date : 01 - 02 June 2026
Received Date : 04 June 2026
Analytical Date : 04 - 08 June 2026
Report Date : 09 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	3.003	28.0	1.348	23.0	1.907	64.0	10 < f ≤ 50	9.500
05.00 p.m. - 06.00 p.m.	1.025	> 100	0.544	> 100	1.395	> 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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.938	> 100	0.631	> 100	1.734	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.852	> 100	2.104	> 100	1.679	85.0	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.914	> 100	1.135	> 100	1.143	> 100	f > 100	20.000
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.	1.632	> 100	1.308	> 100	2.467	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.103	> 100	1.490	> 100	1.466	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.600	73.0	1.474	57.0	1.285	85.0	50 < f ≤ 100	17.300
24 Hour Maximum	3.003	28.0	-	-	-	-	10 < f ≤ 50	9.500

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มโก้สร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/5
 Sample Type : Vibration
 Sampling Date : 02 - 03 June 2026
 Received Date : 04 June 2026
 Analytical Date : 04 - 08 June 2026
 Report Date : 09 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.395	> 100	1.781	> 100	2.420	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	0.331	> 100	1.679	> 100	0.899	73.0	f > 100	20.000
04.00 p.m. - 05.00 p.m.	0.213	> 100	1.033	> 100	1.127	85.0	50 < f ≤ 100	18.500
05.00 p.m. - 06.00 p.m.	1.001	> 100	1.159	> 100	1.734	85.0	50 < f ≤ 100	18.500
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.	0.993	51.0	0.788	> 100	0.835	85.0	50 < f ≤ 100	15.100
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	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	-	-
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	-	-	-	-	2.420	> 100	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 03 - 04 June 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	**	**	**	**	**	**	-	-
03.00 p.m. - 04.00 p.m.	**	**	**	**	**	**	-	-
04.00 p.m. - 05.00 p.m.	**	**	**	**	**	**	-	-
05.00 p.m. - 06.00 p.m.	**	**	**	**	**	**	-	-
06.00 p.m. - 07.00 p.m.	**	**	**	**	**	**	-	-
07.00 p.m. - 08.00 p.m.	**	**	**	**	**	**	-	-
08.00 p.m. - 09.00 p.m.	**	**	**	**	**	**	-	-
09.00 p.m. - 10.00 p.m.	**	**	**	**	**	**	-	-
10.00 p.m. - 11.00 p.m.	**	**	**	**	**	**	-	-
11.00 p.m. - 12.00 a.m.	**	**	**	**	**	**	-	-
12.00 a.m. - 01.00 a.m.	**	**	**	**	**	**	-	-
01.00 a.m. - 02.00 a.m.	**	**	**	**	**	**	-	-
02.00 a.m. - 03.00 a.m.	**	**	**	**	**	**	-	-
03.00 a.m. - 04.00 a.m.	**	**	**	**	**	**	-	-
04.00 a.m. - 05.00 a.m.	**	**	**	**	**	**	-	-
05.00 a.m. - 06.00 a.m.	**	**	**	**	**	**	-	-
06.00 a.m. - 07.00 a.m.	**	**	**	**	**	**	-	-
07.00 a.m. - 08.00 a.m.	**	**	**	**	**	**	-	-
08.00 a.m. - 09.00 a.m.	**	**	**	**	**	**	-	-
09.00 a.m. - 10.00 a.m.	**	**	**	**	**	**	-	-
10.00 a.m. - 11.00 a.m.	**	**	**	**	**	**	-	-
11.00 a.m. - 12.00 p.m.	**	**	**	**	**	**	-	-
12.00 p.m. - 01.00 p.m.	**	**	**	**	**	**	-	-
01.00 p.m. - 02.00 p.m.	**	**	**	**	**	**	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 4, dated June 2 B.E. 2553 (2010)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : Z21A2601 and S/N UM22200

** Not



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 ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/7
Sample Type : Vibration
Sampling Date : 04 - 05 June 2026
Received Date : 08 June 2026
Analytical Date : 08 - 15 June 2026
Report Date : 16 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.567	64.0	0.812	57.0	1.592	73.0	50 < f ≤ 100	17.300
03.00 p.m. - 04.00 p.m.	0.599	> 100	1.103	> 100	1.442	85.0	50 < f ≤ 100	18.500
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.	0.252	4.6	1.143	5.0	0.252	14.0	f ≤ 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.	1.033	73.0	0.867	64.0	0.835	73.0	50 < f ≤ 100	17.300
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	2.309	57.0	0.867	64.0	1.348	64.0	50 < f ≤ 100	15.700
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.	1.072	73.0	0.993	> 100	0.780	85.0	50 < f ≤ 100	17.300
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	2.309	57.0	-	-	-	-	50 < f ≤ 100	15.700

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 J, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/9
Sample Type : Vibration
Sampling Date : 05 - 06 June 2026
Received Date : 08 June 2026
Analytical Date : 08 - 15 June 2026
Report Date : 16 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	1.529	27.0	1.490	24.0	1.072	47.0	10 < f ≤ 50	9.250
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	2.467	30.0	1.174	39.0	1.411	64.0	10 < f ≤ 50	10.000
07.00 a.m. - 08.00 a.m.	3.563	64.0	1.466	47.0	3.279	73.0	50 < f ≤ 100	16.400
08.00 a.m. - 09.00 a.m.	1.174	37.0	0.938	23.0	1.182	39.0	10 < f ≤ 50	12.250
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	-	-
11.00 a.m. - 12.00 p.m.	0.701	85.0	1.537	> 100	0.434	> 100	f > 100	20.000
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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
24 Hour Maximum	3.563	64.0	-	-	-	-	50 < f ≤ 100	16.400

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

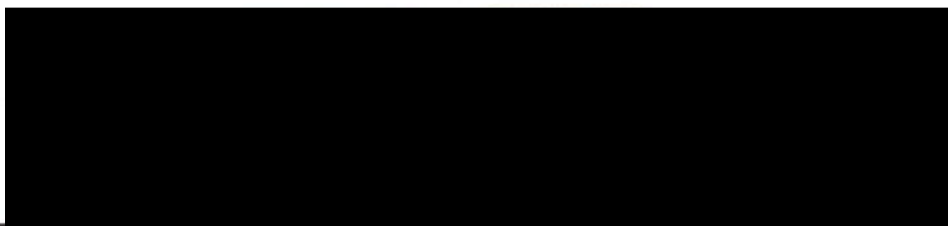
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/11
Sample Type : Vibration
Sampling Date : 06 - 07 June 2026
Received Date : 08 June 2026
Analytical Date : 08 - 15 June 2026
Report Date : 16 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
04.00 p.m. - 05.00 p.m.	1.064	85.0	0.410	57.0	0.567	73.0	50 < f ≤ 100	18.500
05.00 p.m. - 06.00 p.m.	1.624	20.0	1.498	26.0	2.223	37.0	10 < f ≤ 50	11.750
06.00 p.m. - 07.00 p.m.	1.316	32.0	0.765	> 100	1.852	20.0	10 < f ≤ 50	7.500
07.00 p.m. - 08.00 p.m.	1.009	64.0	1.332	> 100	0.457	57.0	f > 100	20.000
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	1.111	85.0	1.064	> 100	0.426	85.0	50 < f ≤ 100	18.500
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.	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	-	-
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	-	-	-	-	2.223	37.0	10 < f ≤ 50	11.750

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 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 07 - 08 June 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz

Model and Serial No. : 701A601 and 150141122222

* Not

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มโก้สร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

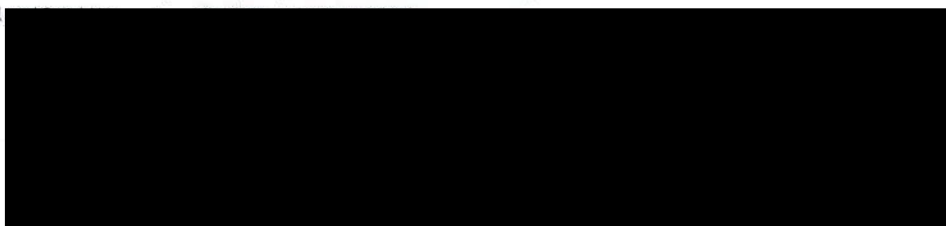
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/13
 Sample Type : Vibration
 Sampling Date : 08 - 09 June 2026
 Received Date : 10 June 2026
 Analytical Date : 10 - 15 June 2026
 Report Date : 16 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.252	6.6	0.709	5.1	0.158	15.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	0.859	57.0	0.236	43.0	0.205	51.0	$50 < f \leq 100$	15.700
04.00 p.m. - 05.00 p.m.	0.363	> 100	0.489	> 100	0.615	> 100	$f > 100$	20.000
05.00 p.m. - 06.00 p.m.	1.206	85.0	1.545	> 100	0.828	> 100	$f > 100$	20.000
06.00 p.m. - 07.00 p.m.	0.489	73.0	0.552	> 100	0.276	> 100	$f > 100$	20.000
07.00 p.m. - 08.00 p.m.	0.197	6.3	0.891	5.0	< 0.127	8.3	$f \leq 10$	5.000
08.00 p.m. - 09.00 p.m.	0.229	13.0	0.504	9.8	< 0.127	13.0	$f \leq 10$	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.	0.189	15.0	0.607	6.8	0.158	11.0	$f \leq 10$	5.000
11.00 p.m. - 12.00 a.m.	0.284	11.0	0.678	10.0	0.158	11.0	$f \leq 10$	5.000
12.00 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.	0.252	13.0	0.504	12.0	0.173	15.0	$10 < f \leq 50$	5.500
02.00 a.m. - 03.00 a.m.	0.173	8.4	0.615	5.8	< 0.127	9.3	$f \leq 10$	5.000
03.00 a.m. - 04.00 a.m.	0.883	> 100	0.962	> 100	0.725	> 100	$f > 100$	20.000
04.00 a.m. - 05.00 a.m.	0.434	> 100	0.623	> 100	0.441	> 100	$f > 100$	20.000
05.00 a.m. - 06.00 a.m.	0.339	11.0	0.583	9.1	0.213	11.0	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	1.647	43.0	1.324	> 100	3.429	64.0	$50 < f \leq 100$	16.400
07.00 a.m. - 08.00 a.m.	0.930	73.0	0.615	85.0	< 0.127	73.0	$50 < f \leq 100$	17.300
08.00 a.m. - 09.00 a.m.	0.252	> 100	0.883	> 100	0.276	> 100	$f > 100$	20.000
09.00 a.m. - 10.00 a.m.	0.441	73.0	1.025	> 100	0.497	> 100	$f > 100$	20.000
10.00 a.m. - 11.00 a.m.	0.268	13.0	0.678	6.1	0.150	8.7	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.489	> 100	1.025	> 100	0.434	> 100	$f > 100$	20.000
12.00 p.m. - 01.00 p.m.	0.670	85.0	0.851	85.0	0.599	85.0	$50 < f \leq 100$	18.500
01.00 p.m. - 02.00 p.m.	1.852	64.0	1.474	> 100	0.670	64.0	$50 < f \leq 100$	16.400
24 Hour Maximum	-	-	-	-	3.429	64.0	$50 < f \leq 100$	16.400

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model





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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

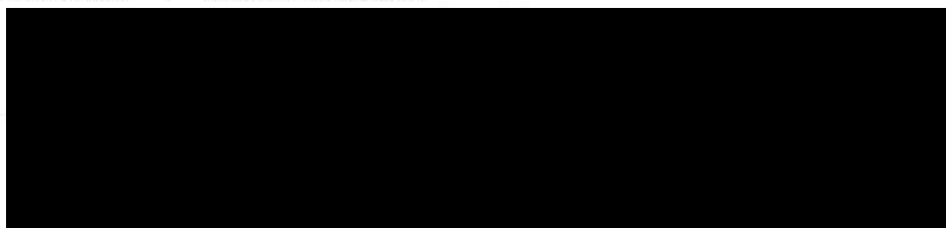
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/15
Sample Type : Vibration
Sampling Date : 09 - 10 June 2026
Received Date : 11 June 2026
Analytical Date : 11 - 15 June 2026
Report Date : 16 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.662	57.0	0.796	> 100	0.473	85.0	f > 100	20.000
03.00 p.m. - 04.00 p.m.	0.197	4.7	1.151	5.1	0.197	6.5	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	0.528	64.0	1.080	> 100	0.426	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	1.548	85.0	1.860	> 100	3.058	47.0	10 < f ≤ 50	14.250
06.00 p.m. - 07.00 p.m.	0.315	> 100	1.064	> 100	0.497	> 100	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.843	85.0	2.073	> 100	1.103	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	2.380	51.0	1.111	64.0	0.678	51.0	50 < f ≤ 100	15.100
09.00 p.m. - 10.00 p.m.	0.528	57.0	1.088	> 100	0.136	64.0	f > 100	20.000
10.00 p.m. - 11.00 p.m.	0.954	73.0	0.757	> 100	0.355	> 100	50 < f ≤ 100	17.300
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	0.229	16.0	0.867	9.3	0.166	13.0	f ≤ 10	5.000
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.	0.441	23.0	0.741	12.0	0.236	12.0	10 < f ≤ 50	5.500
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.	0.567	85.0	0.891	> 100	0.410	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.434	73.0	0.709	> 100	0.489	85.0	50 < f ≤ 100	17.300
09.00 a.m. - 10.00 a.m.	0.339	11.0	1.143	7.5	0.268	7.5	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	0.252	8.1	0.954	4.6	0.150	6.0	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	0.835	> 100	1.458	> 100	0.772	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.670	64.0	1.143	> 100	0.662	73.0	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.875	64.0	0.567	> 100	0.636	39.0	50 < f ≤ 100	16.400
24 Hour Maximum	-	-	-	-	3.058	47.0	10 < f ≤ 50	14.250

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
- PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200





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 ทีเอ็มก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

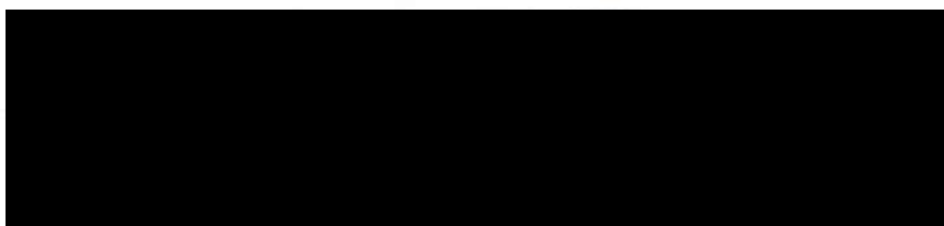
Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/17
Sample Type : Vibration
Sampling Date : 10 - 11 June 2026
Received Date : 12 June 2026
Analytical Date : 12 - 22 June 2026
Report Date : 23 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.591	73.0	0.867	> 100	0.276	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.332	51.0	0.851	57.0	0.552	57.0	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	2.428	57.0	1.222	> 100	1.088	57.0	50 < f ≤ 100	15.700
05.00 p.m. - 06.00 p.m.	0.284	85.0	0.725	> 100	0.347	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	1.726	57.0	1.025	57.0	1.285	57.0	50 < f ≤ 100	15.700
07.00 p.m. - 08.00 p.m.	0.331	51.0	0.166	51.0	0.670	51.0	50 < f ≤ 100	15.100
08.00 p.m. - 09.00 p.m.	2.073	43.0	1.206	> 100	1.379	64.0	10 < f ≤ 50	13.250
09.00 p.m. - 10.00 p.m.	0.213	13.0	0.575	5.5	0.134	8.5	f ≤ 10	5.000
10.00 p.m. - 11.00 p.m.	0.512	73.0	0.560	> 100	0.670	73.0	50 < f ≤ 100	17.300
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	0.481	85.0	0.434	85.0	0.552	73.0	50 < f ≤ 100	17.300
03.00 a.m. - 04.00 a.m.	< 0.127	10.0	0.528	6.0	< 0.127	5.3	f ≤ 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.	0.213	8.4	0.859	4.5	0.284	8.8	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	0.418	73.0	0.544	> 100	0.552	85.0	50 < f ≤ 100	18.500
07.00 a.m. - 08.00 a.m.	1.293	85.0	1.009	85.0	0.694	85.0	50 < f ≤ 100	18.500
08.00 a.m. - 09.00 a.m.	0.355	73.0	0.457	39.0	0.709	85.0	50 < f ≤ 100	18.500
09.00 a.m. - 10.00 a.m.	1.001	64.0	0.922	85.0	0.977	64.0	50 < f ≤ 100	16.400
10.00 a.m. - 11.00 a.m.	0.158	20.0	0.544	10.0	0.276	14.0	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	0.363	> 100	1.190	> 100	0.654	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.710	73.0	2.301	85.0	2.609	64.0	50 < f ≤ 100	16.400
01.00 p.m. - 02.00 p.m.	0.662	26.0	2.711	> 100	1.324	64.0	f > 100	20.000
24 Hour Maximum	-	-	2.711	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : T21A2601 and S/N UM22200





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 ทีเอ็มโก้สโรว์ จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/19
Sample Type : Vibration
Sampling Date : 11 - 12 June 2026
Received Date : 15 June 2026
Analytical Date : 15 - 22 June 2026
Report Date : 23 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.948	26.0	2.404	20.0	2.168	47.0	10 < f ≤ 50	9.000
03.00 p.m. - 04.00 p.m.	0.820	64.0	1.561	> 100	1.734	73.0	50 < f ≤ 100	17.300
04.00 p.m. - 05.00 p.m.	1.214	39.0	0.536	27.0	1.064	51.0	10 < f ≤ 50	12.250
05.00 p.m. - 06.00 p.m.	0.646	85.0	1.174	> 100	0.741	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.315	51.0	0.166	37.0	0.591	51.0	50 < f ≤ 100	15.100
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.	0.284	3.8	1.167	4.9	0.236	6.3	f ≤ 10	5.000
09.00 p.m. - 10.00 p.m.	0.410	> 100	0.906	> 100	0.646	> 100	f > 100	20.000
10.00 p.m. - 11.00 p.m.	0.158	6.0	0.552	4.6	0.134	4.5	f ≤ 10	5.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	0.307	12.0	0.575	12.0	0.181	19.0	10 < f ≤ 50	5.500
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.	0.796	85.0	0.859	> 100	0.820	64.0	f > 100	20.000
04.00 a.m. - 05.00 a.m.	0.504	51.0	1.111	37.0	0.638	30.0	10 < f ≤ 50	11.750
05.00 a.m. - 06.00 a.m.	0.426	12.0	0.638	11.0	< 0.127	13.0	10 < f ≤ 50	5.250
06.00 a.m. - 07.00 a.m.	0.347	51.0	0.166	43.0	0.536	57.0	50 < f ≤ 100	15.700
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.	1.009	85.0	0.717	85.0	1.056	64.0	50 < f ≤ 100	16.400
09.00 a.m. - 10.00 a.m.	0.465	> 100	1.017	> 100	0.473	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	0.150	7.9	0.623	5.6	0.173	7.0	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	0.694	57.0	1.214	64.0	1.750	57.0	50 < f ≤ 100	15.700
12.00 p.m. - 01.00 p.m.	1.001	85.0	0.662	> 100	1.214	73.0	50 < f ≤ 100	17.300
01.00 p.m. - 02.00 p.m.	1.498	51.0	3.389	> 100	3.176	51.0	f > 100	20.000
24 Hour Maximum	-	-	3.389	> 100	-	-	f > 100	20.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ที่มกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/21
Sample Type : Vibration
Sampling Date : 12 - 13 June 2026
Received Date : 15 June 2026
Analytical Date : 15 - 22 June 2026
Report Date : 23 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.223	57.0	1.025	43.0	3.074	51.0	50 < f ≤ 100	15.100
03.00 p.m. - 04.00 p.m.	1.332	37.0	0.717	64.0	1.766	43.0	10 < f ≤ 50	13.250
04.00 p.m. - 05.00 p.m.	0.733	> 100	0.962	> 100	0.552	85.0	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.701	> 100	1.663	85.0	0.899	85.0	50 < f ≤ 100	18.500
06.00 p.m. - 07.00 p.m.	0.607	73.0	0.504	85.0	0.583	64.0	50 < f ≤ 100	17.300
07.00 p.m. - 08.00 p.m.	0.859	> 100	1.198	> 100	0.867	73.0	f > 100	20.000
08.00 p.m. - 09.00 p.m.	0.631	85.0	0.189	> 100	0.426	73.0	50 < f ≤ 100	18.500
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. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	0.252	12.0	0.560	9.7	< 0.127	12.0	f ≤ 10	5.000
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.	0.481	12.0	0.560	10.0	< 0.127	12.0	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	0.686	85.0	0.221	73.0	0.575	85.0	50 < f ≤ 100	18.500
08.00 a.m. - 09.00 a.m.	0.481	> 100	0.173	73.0	0.544	85.0	50 < f ≤ 100	18.500
09.00 a.m. - 10.00 a.m.	0.914	> 100	0.757	> 100	1.048	73.0	50 < f ≤ 100	17.300
10.00 a.m. - 11.00 a.m.	0.717	85.0	0.567	64.0	0.820	57.0	50 < f ≤ 100	15.700
11.00 a.m. - 12.00 p.m.	0.820	73.0	0.315	> 100	0.465	73.0	50 < f ≤ 100	17.300
12.00 p.m. - 01.00 p.m.	1.182	73.0	0.741	> 100	0.899	64.0	50 < f ≤ 100	17.300
01.00 p.m. - 02.00 p.m.	1.395	64.0	1.947	> 100	1.970	73.0	50 < f ≤ 100	17.300
24 Hour Maximum	-	-	-	-	3.074	51.0	50 < f ≤ 100	15.100

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 3, dated June 2 B.E. 2553 (2010)

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/23
 Sample Type : Vibration
 Sampling Date : 13 - 14 June 2026
 Received Date : 15 June 2026
 Analytical Date : 15 - 22 June 2026
 Report Date : 23 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.694	73.0	0.284	85.0	0.686	64.0	50 < f ≤ 100	17.300
03.00 p.m. - 04.00 p.m.	0.260	47.0	0.173	43.0	0.615	73.0	50 < f ≤ 100	17.300
04.00 p.m. - 05.00 p.m.	0.757	64.0	2.309	> 100	1.127	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.796	85.0	0.623	> 100	0.686	73.0	50 < f ≤ 100	18.500
06.00 p.m. - 07.00 p.m.	0.528	85.0	0.205	64.0	0.575	64.0	50 < f ≤ 100	16.400
07.00 p.m. - 08.00 p.m.	1.167	73.0	0.780	> 100	1.182	73.0	50 < f ≤ 100	17.300
08.00 p.m. - 09.00 p.m.	0.300	51.0	0.221	51.0	0.552	64.0	50 < f ≤ 100	16.400
09.00 p.m. - 10.00 p.m.	0.394	16.0	0.560	13.0	0.134	19.0	10 < f ≤ 50	5.750
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	0.142	11.0	0.544	5.8	0.221	14.0	f ≤ 10	5.000
12.00 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	f ≤ 10	5.000
03.00 a.m. - 04.00 a.m.	0.205	17.0	0.583	3.7	0.134	5.2	-	-
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.	0.229	12.0	0.536	9.8	< 0.127	12.0	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	0.323	> 100	0.583	> 100	0.772	85.0	50 < f ≤ 100	18.500
08.00 a.m. - 09.00 a.m.	1.198	28.0	0.544	18.0	1.056	37.0	10 < f ≤ 50	9.500
09.00 a.m. - 10.00 a.m.	3.823	57.0	2.018	37.0	2.617	37.0	50 < f ≤ 100	15.700
10.00 a.m. - 11.00 a.m.	1.450	51.0	1.222	51.0	1.064	43.0	50 < f ≤ 100	15.100
11.00 a.m. - 12.00 p.m.	1.797	57.0	0.772	85.0	2.546	57.0	50 < f ≤ 100	15.700
12.00 p.m. - 01.00 p.m.	0.166	13.0	0.599	6.7	0.134	10.0	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	0.504	> 100	1.206	> 100	0.315	64.0	f > 100	20.000
24 Hour Maximum	3.823	57.0	-	-	-	-	50 < f ≤ 100	15.700

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 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีเอ็มก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 14 - 15 June 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

* Not ha

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอกก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/25
 Sample Type : Vibration
 Sampling Date : 15 - 16 June 2026
 Received Date : 17 June 2026
 Analytical Date : 17 - 22 June 2026
 Report Date : 23 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.820	> 100	2.861	> 100	0.276	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	1.088	39.0	0.757	47.0	0.954	43.0	10 < f ≤ 50	12.250
04.00 p.m. - 05.00 p.m.	2.191	73.0	2.168	57.0	2.719	64.0	50 < f ≤ 100	16.400
05.00 p.m. - 06.00 p.m.	0.741	85.0	0.946	47.0	0.575	85.0	10 < f ≤ 50	14.250
06.00 p.m. - 07.00 p.m.	0.418	> 100	1.277	> 100	0.370	57.0	f > 100	20.000
07.00 p.m. - 08.00 p.m.	3.657	57.0	2.554	> 100	2.830	43.0	50 < f ≤ 100	15.700
08.00 p.m. - 09.00 p.m.	0.638	57.0	0.158	51.0	0.701	64.0	50 < f ≤ 100	16.400
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.	0.205	22.0	0.528	10.0	0.276	13.0	f ≤ 10	5.000
11.00 p.m. - 12.00 a.m.	0.544	73.0	0.441	85.0	0.315	64.0	50 < f ≤ 100	17.300
12.00 a.m. - 01.00 a.m.	0.166	12.0	0.528	9.7	< 0.127	13.0	f ≤ 10	5.000
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.	0.252	16.0	0.497	5.7	< 0.127	16.0	f ≤ 10	5.000
04.00 a.m. - 05.00 a.m.	0.347	12.0	0.733	9.3	0.378	11.0	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	2.688	64.0	2.814	73.0	1.379	73.0	50 < f ≤ 100	17.300
06.00 a.m. - 07.00 a.m.	1.679	85.0	0.772	73.0	0.536	73.0	50 < f ≤ 100	18.500
07.00 a.m. - 08.00 a.m.	5.234	51.0	2.625	64.0	1.576	47.0	50 < f ≤ 100	15.100
08.00 a.m. - 09.00 a.m.	0.875	85.0	0.938	> 100	0.615	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.575	28.0	0.355	28.0	0.307	43.0	10 < f ≤ 50	9.500
10.00 a.m. - 11.00 a.m.	0.820	73.0	1.174	> 100	0.386	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	0.583	85.0	0.615	> 100	0.292	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.718	57.0	0.552	85.0	0.457	85.0	50 < f ≤ 100	15.700
01.00 p.m. - 02.00 p.m.	1.025	57.0	0.634	57.0	0.370	57.0	50 < f ≤ 100	15.700
24 Hour Maximum	5.234	51.0	-	-	-	-	50 < f ≤ 100	15.100

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz





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 ทีเอ็มก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/27
Sample Type : Vibration
Sampling Date : 16 - 17 June 2026
Received Date : 18 June 2026
Analytical Date : 18 - 22 June 2026
Report Date : 23 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	2.522	73.0	4.855	> 100	1.379	85.0	f > 100	20.000
03.00 p.m. - 04.00 p.m.	0.599	43.0	0.378	32.0	0.363	47.0	10 < f ≤ 50	13.250
04.00 p.m. - 05.00 p.m.	1.482	73.0	0.686	28.0	0.575	64.0	50 < f ≤ 100	17.300
05.00 p.m. - 06.00 p.m.	1.726	73.0	4.461	73.0	0.993	43.0	50 < f ≤ 100	17.300
06.00 p.m. - 07.00 p.m.	1.829	51.0	0.765	22.0	0.772	51.0	50 < f ≤ 100	15.100
07.00 p.m. - 08.00 p.m.	1.600	73.0	0.662	73.0	0.686	64.0	50 < f ≤ 100	17.300
08.00 p.m. - 09.00 p.m.	2.806	73.0	0.867	57.0	0.922	64.0	50 < f ≤ 100	17.300
09.00 p.m. - 10.00 p.m.	0.757	47.0	0.465	28.0	1.151	43.0	10 < f ≤ 50	13.250
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	0.300	12.0	0.615	10.0	0.158	11.0	f ≤ 10	5.000
01.00 a.m. - 02.00 a.m.	0.276	10.0	0.780	5.9	0.150	7.3	f ≤ 10	5.000
02.00 a.m. - 03.00 a.m.	0.260	18.0	0.575	6.4	0.134	6.4	f ≤ 10	5.000
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.	0.410	12.0	0.567	11.0	0.181	13.0	10 < f ≤ 50	5.250
06.00 a.m. - 07.00 a.m.	0.323	13.0	0.575	10.0	0.142	12.0	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	1.277	64.0	1.781	> 100	0.906	64.0	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.127	> 100	0.701	85.0	0.504	57.0	f > 100	20.000
09.00 a.m. - 10.00 a.m.	0.213	11.0	0.536	9.5	0.158	51.0	f ≤ 10	5.000
10.00 a.m. - 11.00 a.m.	4.059	39.0	2.585	32.0	1.955	34.0	10 < f ≤ 50	12.250
11.00 a.m. - 12.00 p.m.	2.522	64.0	2.144	> 100	1.048	73.0	50 < f ≤ 100	16.400
12.00 p.m. - 01.00 p.m.	0.252	13.0	1.009	6.1	0.236	7.1	f ≤ 10	5.000
01.00 p.m. - 02.00 p.m.	0.985	85.0	1.127	85.0	0.520	85.0	50 < f ≤ 100	18.500
24 Hour Maximum	-	-	4.855	> 100	-	-	f > 100	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



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 ทีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/29
Sample Type : Vibration
Sampling Date : 17 - 18 June 2026
Received Date : 19 June 2026
Analytical Date : 19 - 29 June 2026
Report Date : 30 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.189	13.0	0.615	9.3	0.252	15.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	0.173	18.0	0.686	10.0	0.244	12.0	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	2.396	64.0	2.877	> 100	0.339	85.0	$f > 100$	20.000
05.00 p.m. - 06.00 p.m.	2.168	64.0	0.686	> 100	0.654	39.0	$50 < f \leq 100$	16.400
06.00 p.m. - 07.00 p.m.	0.851	37.0	0.504	34.0	0.536	47.0	$10 < f \leq 50$	11.750
07.00 p.m. - 08.00 p.m.	1.616	> 100	1.174	> 100	0.512	51.0	$f > 100$	20.000
08.00 p.m. - 09.00 p.m.	1.726	47.0	1.080	24.0	1.198	37.0	$10 < f \leq 50$	14.250
09.00 p.m. - 10.00 p.m.	1.324	> 100	2.034	> 100	0.489	73.0	$f > 100$	20.000
10.00 p.m. - 11.00 p.m.	0.166	19.0	0.504	8.5	0.213	14.0	$f \leq 10$	5.000
11.00 p.m. - 12.00 a.m.	0.583	85.0	0.512	64.0	0.284	57.0	$50 < f \leq 100$	18.500
12.00 a.m. - 01.00 a.m.	0.615	57.0	0.560	20.0	0.268	57.0	$50 < f \leq 100$	15.700
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.	0.166	14.0	0.560	9.7	0.213	12.0	$f \leq 10$	5.000
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.	0.221	11.0	0.812	7.0	0.181	8.7	$f \leq 10$	5.000
05.00 a.m. - 06.00 a.m.	0.323	17.0	0.552	9.8	0.166	9.1	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	0.386	12.0	0.757	9.8	0.370	11.0	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	0.930	73.0	1.797	> 100	0.670	85.0	$f > 100$	20.000
08.00 a.m. - 09.00 a.m.	2.420	57.0	0.969	57.0	0.946	51.0	$50 < f \leq 100$	15.700
09.00 a.m. - 10.00 a.m.	3.515	64.0	0.631	85.0	0.347	64.0	$50 < f \leq 100$	16.400
10.00 a.m. - 11.00 a.m.	0.173	10.0	0.497	5.8	0.134	8.7	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.820	> 100	1.505	> 100	0.457	> 100	$f > 100$	20.000
12.00 p.m. - 01.00 p.m.	0.560	73.0	0.749	> 100	0.410	39.0	$f > 100$	20.000
01.00 p.m. - 02.00 p.m.	1.900	34.0	0.796	24.0	1.356	12.0	$10 < f \leq 50$	11.000
24 Hour Maximum	3.515	64.0	-	-	-	-	$50 < f \leq 100$	16.400

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721-12601 and 5/NUM123220



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเมคก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

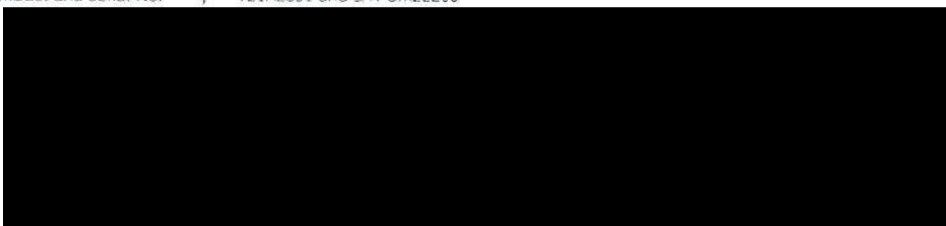
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/31
 Sample Type : Vibration
 Sampling Date : 18 - 19 June 2026
 Received Date : 22 June 2026
 Analytical Date : 22 - 29 June 2026
 Report Date : 30 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.670	51.0	0.410	47.0	0.497	43.0	50 < f ≤ 100	15.100
03.00 p.m. - 04.00 p.m.	0.229	85.0	0.717	10.0	0.221	13.0	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	1.632	85.0	1.568	> 100	0.434	47.0	50 < f ≤ 100	18.500
05.00 p.m. - 06.00 p.m.	1.505	26.0	0.788	24.0	0.946	43.0	10 < f ≤ 50	9.000
06.00 p.m. - 07.00 p.m.	0.560	85.0	0.749	> 100	0.260	85.0	f > 100	20.000
07.00 p.m. - 08.00 p.m.	2.191	23.0	0.993	22.0	0.867	43.0	10 < f ≤ 50	8.250
08.00 p.m. - 09.00 p.m.	1.174	> 100	2.317	> 100	0.347	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	0.772	57.0	0.552	> 100	0.441	47.0	50 < f ≤ 100	15.700
10.00 p.m. - 11.00 p.m.	0.694	73.0	0.394	> 100	0.339	64.0	50 < f ≤ 100	17.300
11.00 p.m. - 12.00 a.m.	0.686	73.0	0.410	73.0	0.323	73.0	50 < f ≤ 100	17.300
12.00 a.m. - 01.00 a.m.	0.173	18.0	0.599	9.7	0.221	11.0	f ≤ 10	5.000
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.	0.236	13.0	0.796	6.6	0.189	7.2	f ≤ 10	5.000
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.	0.173	6.3	0.512	4.5	< 0.127	5.2	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	0.244	14.0	0.623	9.3	0.252	11.0	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	0.323	17.0	0.599	9.7	0.189	9.7	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	1.285	73.0	0.867	73.0	0.370	64.0	50 < f ≤ 100	17.300
08.00 a.m. - 09.00 a.m.	1.048	85.0	0.536	85.0	0.268	64.0	50 < f ≤ 100	18.500
09.00 a.m. - 10.00 a.m.	0.741	73.0	0.575	73.0	0.520	73.0	50 < f ≤ 100	17.300
10.00 a.m. - 11.00 a.m.	0.977	64.0	2.522	> 100	0.418	51.0	f > 100	20.000
11.00 a.m. - 12.00 p.m.	1.939	51.0	1.277	73.0	2.837	24.0	10 < f ≤ 50	8.500
12.00 p.m. - 01.00 p.m.	1.687	57.0	2.703	> 100	0.993	39.0	f > 100	20.000
01.00 p.m. - 02.00 p.m.	0.536	> 100	0.828	> 100	1.876	47.0	10 < f ≤ 50	14.250
24 Hour Maximum	-	-	-	-	2.837	24.0	10 < f ≤ 50	8.500

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200





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 ทีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/33
Sample Type : Vibration
Sampling Date : 19 - 20 June 2026
Received Date : 22 June 2026
Analytical Date : 22 - 29 June 2026
Report Date : 30 June 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	3.870	43.0	1.663	23.0	2.262	37.0	10 < f ≤ 50	13.250
03.00 p.m. - 04.00 p.m.	1.285	51.0	0.386	26.0	0.701	47.0	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	2.136	34.0	1.009	28.0	1.237	43.0	10 < f ≤ 50	11.000
05.00 p.m. - 06.00 p.m.	1.119	57.0	0.244	57.0	1.025	47.0	50 < f ≤ 100	15.700
06.00 p.m. - 07.00 p.m.	1.403	57.0	0.615	30.0	0.418	51.0	50 < f ≤ 100	15.700
07.00 p.m. - 08.00 p.m.	0.875	51.0	0.599	> 100	0.473	57.0	50 < f ≤ 100	15.100
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.	0.796	64.0	0.244	51.0	0.796	51.0	50 < f ≤ 100	16.400
10.00 p.m. - 11.00 p.m.	0.166	10.0	0.536	6.4	0.134	8.7	f ≤ 10	5.000
11.00 p.m. - 12.00 a.m.	0.158	7.4	0.631	5.4	0.134	12.0	f ≤ 10	5.000
12.00 a.m. - 01.00 a.m.	0.906	57.0	0.197	64.0	0.386	57.0	50 < f ≤ 100	15.700
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.	0.213	17.0	0.820	6.6	0.189	8.5	f ≤ 10	5.000
03.00 a.m. - 04.00 a.m.	0.173	26.0	0.528	5.7	< 0.127	27.0	f ≤ 10	5.000
04.00 a.m. - 05.00 a.m.	0.181	11.0	0.520	6.6	0.142	11.0	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	0.260	15.0	0.528	11.0	0.166	57.0	10 < f ≤ 50	5.250
06.00 a.m. - 07.00 a.m.	0.244	13.0	0.701	10.0	0.173	11.0	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	0.788	57.0	0.142	> 100	0.284	64.0	50 < f ≤ 100	15.700
08.00 a.m. - 09.00 a.m.	0.631	37.0	0.441	> 100	2.262	32.0	10 < f ≤ 50	10.500
09.00 a.m. - 10.00 a.m.	1.064	73.0	0.473	85.0	0.363	64.0	50 < f ≤ 100	17.300
10.00 a.m. - 11.00 a.m.	0.197	4.1	1.088	4.4	< 0.127	5.3	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	0.221	7.8	0.930	4.5	0.173	7.3	f ≤ 10	5.000
12.00 p.m. - 01.00 p.m.	1.947	57.0	1.860	73.0	1.624	51.0	50 < f ≤ 100	15.700
01.00 p.m. - 02.00 p.m.	0.646	73.0	0.560	> 100	0.820	57.0	50 < f ≤ 100	15.700
24 Hour Maximum	3.870	43.0	-	-	-	-	10 < f ≤ 50	13.250

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Mo

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

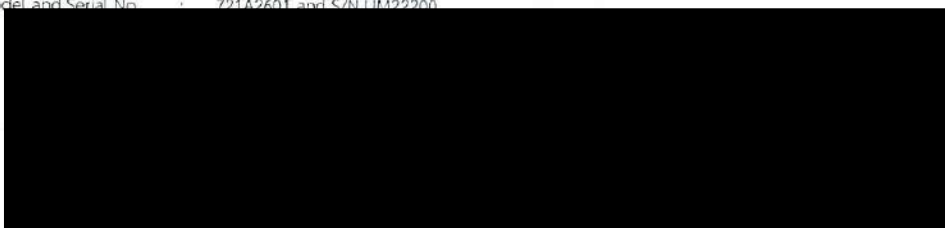
Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/35
 Sample Type : Vibration
 Sampling Date : 20 - 21 June 2026
 Received Date : 22 June 2026
 Analytical Date : 22 - 29 June 2026
 Report Date : 30 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.167	73.0	0.804	73.0	0.623	73.0	50 < f ≤ 100	17.300
03.00 p.m. - 04.00 p.m.	3.184	51.0	0.828	24.0	1.001	51.0	50 < f ≤ 100	15.100
04.00 p.m. - 05.00 p.m.	0.181	5.9	1.056	4.5	0.189	47.0	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	0.922	85.0	0.946	> 100	0.938	64.0	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.678	73.0	1.332	> 100	0.441	73.0	f > 100	20.000
07.00 p.m. - 08.00 p.m.	0.843	73.0	0.347	73.0	0.583	64.0	50 < f ≤ 100	17.300
08.00 p.m. - 09.00 p.m.	0.315	73.0	0.946	> 100	0.410	64.0	f > 100	20.000
09.00 p.m. - 10.00 p.m.	0.938	39.0	0.757	18.0	0.733	43.0	10 < f ≤ 50	12.250
10.00 p.m. - 11.00 p.m.	1.017	73.0	0.355	73.0	0.567	57.0	50 < f ≤ 100	17.300
11.00 p.m. - 12.00 a.m.	0.812	73.0	0.386	73.0	0.465	64.0	50 < f ≤ 100	17.300
12.00 a.m. - 01.00 a.m.	0.331	51.0	0.142	32.0	0.788	51.0	50 < f ≤ 100	15.100
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.	0.197	12.0	0.544	10.0	0.158	12.0	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	0.528	64.0	0.544	57.0	0.504	51.0	50 < f ≤ 100	15.700
07.00 a.m. - 08.00 a.m.	0.694	73.0	0.686	57.0	0.812	57.0	50 < f ≤ 100	15.700
08.00 a.m. - 09.00 a.m.	0.859	51.0	0.780	51.0	0.851	57.0	50 < f ≤ 100	15.100
09.00 a.m. - 10.00 a.m.	0.252	73.0	0.363	9.0	0.686	51.0	50 < f ≤ 100	15.100
10.00 a.m. - 11.00 a.m.	0.922	64.0	0.536	73.0	0.623	64.0	50 < f ≤ 100	16.400
11.00 a.m. - 12.00 p.m.	1.127	73.0	0.426	34.0	0.662	64.0	50 < f ≤ 100	17.300
12.00 p.m. - 01.00 p.m.	0.930	64.0	1.773	64.0	0.993	64.0	50 < f ≤ 100	16.400
01.00 p.m. - 02.00 p.m.	0.489	73.0	1.190	> 100	0.504	64.0	f > 100	20.000
24 Hour Maximum	3.184	51.0	-	-	-	-	50 < f ≤ 100	15.100

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : Z21A2601 and S/N UM22200





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 ทีเอกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 21 - 22 June 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200
* Not have monitoring environment because on Sunday of holiday.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ซีเม้าท์ก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/37
 Sample Type : Vibration
 Sampling Date : 22 - 23 June 2026
 Received Date : 24 June 2026
 Analytical Date : 24 - 29 June 2026
 Report Date : 30 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.884	> 100	3.397	> 100	1.127	> 100	f > 100	20.000
03.00 p.m. - 04.00 p.m.	0.749	> 100	1.687	> 100	1.017	85.0	f > 100	20.000
04.00 p.m. - 05.00 p.m.	0.142	12.0	0.638	10.0	0.229	12.0	f ≤ 10	5.000
05.00 p.m. - 06.00 p.m.	0.536	85.0	0.930	> 100	0.843	85.0	f > 100	20.000
06.00 p.m. - 07.00 p.m.	0.631	73.0	0.662	85.0	1.040	73.0	50 < f ≤ 100	17.300
07.00 p.m. - 08.00 p.m.	0.347	85.0	0.386	85.0	0.591	73.0	50 < f ≤ 100	17.300
08.00 p.m. - 09.00 p.m.	0.457	> 100	0.749	> 100	0.536	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	0.434	85.0	0.780	> 100	0.686	73.0	f > 100	20.000
10.00 p.m. - 11.00 p.m.	0.686	85.0	0.946	85.0	1.237	73.0	50 < f ≤ 100	17.300
11.00 p.m. - 12.00 a.m.	0.323	73.0	0.410	85.0	0.583	73.0	50 < f ≤ 100	17.300
12.00 a.m. - 01.00 a.m.	0.150	11.0	0.520	11.0	0.315	13.0	10 < f ≤ 50	5.250
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.	< 0.127	11.0	0.583	6.0	0.252	7.8	f ≤ 10	5.000
03.00 a.m. - 04.00 a.m.	0.410	73.0	0.583	85.0	0.788	85.0	50 < f ≤ 100	18.500
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.	0.142	16.0	0.662	8.8	0.300	12.0	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	0.441	85.0	0.701	> 100	0.875	73.0	50 < f ≤ 100	17.300
07.00 a.m. - 08.00 a.m.	1.111	57.0	1.584	73.0	1.600	73.0	50 < f ≤ 100	17.300
08.00 a.m. - 09.00 a.m.	0.733	73.0	0.725	> 100	0.670	73.0	50 < f ≤ 100	17.300
09.00 a.m. - 10.00 a.m.	0.512	85.0	0.765	85.0	0.906	85.0	50 < f ≤ 100	18.500
10.00 a.m. - 11.00 a.m.	< 0.127	5.6	0.631	5.1	0.213	5.1	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	1.616	> 100	2.191	> 100	1.167	85.0	f > 100	20.000
12.00 p.m. - 01.00 p.m.	1.009	85.0	0.899	85.0	1.482	73.0	50 < f ≤ 100	17.300
01.00 p.m. - 02.00 p.m.	0.544	57.0	0.938	21.0	1.025	30.0	10 < f ≤ 50	10.000
24 Hour Maximum	-	-	3.397	> 100	-	-	f > 100	20.000

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มโก้สร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : 569028
 Sample No. : 569028/39
 Sample Type : Vibration
 Sampling Date : 23 - 24 June 2026
 Received Date : 25 June 2026
 Analytical Date : 25 - 29 June 2026
 Report Date : 30 June 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.292	73.0	0.883	4.6	0.560	73.0	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	< 0.127	15.0	0.914	5.2	0.331	8.7	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	0.906	> 100	1.411	> 100	0.938	85.0	$f > 100$	20.000
05.00 p.m. - 06.00 p.m.	0.646	73.0	0.678	64.0	1.182	73.0	$50 < f \leq 100$	17.300
06.00 p.m. - 07.00 p.m.	0.465	85.0	0.512	64.0	0.575	85.0	$50 < f \leq 100$	18.500
07.00 p.m. - 08.00 p.m.	0.851	73.0	0.946	> 100	1.356	64.0	$50 < f \leq 100$	16.400
08.00 p.m. - 09.00 p.m.	0.434	85.0	0.441	85.0	0.678	85.0	$50 < f \leq 100$	18.500
09.00 p.m. - 10.00 p.m.	0.331	85.0	0.418	> 100	0.670	85.0	$50 < f \leq 100$	18.500
10.00 p.m. - 11.00 p.m.	0.709	85.0	0.899	> 100	1.293	85.0	$50 < f \leq 100$	18.500
11.00 p.m. - 12.00 a.m.	0.197	18.0	0.749	10.0	0.378	19.0	$f \leq 10$	5.000
12.00 a.m. - 01.00 a.m.	0.142	12.0	0.646	10.0	0.260	11.0	$f \leq 10$	5.000
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.	< 0.127	9.5	0.544	4.9	0.236	3.7	$f \leq 10$	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.	0.173	11.0	0.859	9.5	0.347	12.0	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	0.331	85.0	0.489	> 100	0.623	85.0	$50 < f \leq 100$	18.500
07.00 a.m. - 08.00 a.m.	0.386	85.0	0.615	85.0	0.820	85.0	$50 < f \leq 100$	18.500
08.00 a.m. - 09.00 a.m.	0.410	85.0	1.167	> 100	0.623	64.0	$f > 100$	20.000
09.00 a.m. - 10.00 a.m.	0.173	14.0	0.512	12.0	0.370	13.0	$10 < f \leq 50$	5.500
10.00 a.m. - 11.00 a.m.	0.197	12.0	0.709	10.0	0.315	12.0	$f \leq 10$	5.000
11.00 a.m. - 12.00 p.m.	0.891	85.0	1.103	73.0	1.513	64.0	$50 < f \leq 100$	16.400
12.00 p.m. - 01.00 p.m.	0.851	> 100	1.096	> 100	0.938	85.0	$f > 100$	20.000
01.00 p.m. - 02.00 p.m.	0.465	73.0	0.899	> 100	1.001	85.0	$50 < f \leq 100$	18.500
24 Hour Maximum	-	-	-	-	1.513	64.0	$50 < f \leq 100$	16.400

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 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



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 ที่มกอสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/41
Sample Type : Vibration
Sampling Date : 24 - 25 June 2026
Received Date : 26 June 2026
Analytical Date : 26 June - 03 July 2026
Report Date : 06 July 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.252	73.0	0.244	85.0	0.701	85.0	50 < f ≤ 100	18.500
03.00 p.m. - 04.00 p.m.	0.134	8.7	0.694	4.9	0.276	4.1	f ≤ 10	5.000
04.00 p.m. - 05.00 p.m.	0.962	73.0	0.780	85.0	2.188	73.0	50 < f ≤ 100	17.300
05.00 p.m. - 06.00 p.m.	0.426	85.0	0.575	85.0	0.906	73.0	50 < f ≤ 100	17.300
06.00 p.m. - 07.00 p.m.	0.575	85.0	0.607	64.0	0.962	73.0	50 < f ≤ 100	17.300
07.00 p.m. - 08.00 p.m.	0.780	73.0	1.427	> 100	1.687	> 100	f > 100	20.000
08.00 p.m. - 09.00 p.m.	0.457	85.0	0.638	> 100	0.788	> 100	f > 100	20.000
09.00 p.m. - 10.00 p.m.	1.348	73.0	1.434	73.0	0.623	85.0	50 < f ≤ 100	17.300
10.00 p.m. - 11.00 p.m.	0.796	> 100	1.167	> 100	0.899	> 100	f > 100	20.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 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.	< 0.127	8.0	0.694	5.6	0.323	6.6	f ≤ 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.	< 0.127	12.0	0.623	9.5	0.268	10.0	f ≤ 10	5.000
06.00 a.m. - 07.00 a.m.	0.197	13.0	0.678	10.0	0.307	12.0	f ≤ 10	5.000
07.00 a.m. - 08.00 a.m.	0.962	85.0	1.348	73.0	1.947	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	0.465	> 100	0.851	> 100	1.143	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.017	85.0	1.592	> 100	2.223	> 100	f > 100	20.000
10.00 a.m. - 11.00 a.m.	0.363	> 100	0.292	73.0	0.757	> 100	f > 100	20.000
11.00 a.m. - 12.00 p.m.	0.520	73.0	0.993	32.0	1.214	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.962	73.0	0.583	> 100	0.631	> 100	50 < f ≤ 100	17.300
01.00 p.m. - 02.00 p.m.	0.733	85.0	1.048	> 100	1.135	> 100	f > 100	20.000
24 Hour Maximum	-	-	-	-	2.223	> 100	f > 100	20.000

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PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

**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 ซีเอกก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/43
 Sample Type : Vibration
 Sampling Date : 25 - 26 June 2026
 Received Date : 29 June 2026
 Analytical Date : 29 June - 03 July 2026
 Report Date : 06 July 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.181	5.8	1.135	5.0	0.339	4.6	$f \leq 10$	5.000
03.00 p.m. - 04.00 p.m.	0.355	85.0	0.229	85.0	0.804	> 100	$f > 100$	20.000
04.00 p.m. - 05.00 p.m.	0.363	> 100	0.441	85.0	0.820	> 100	$f > 100$	20.000
05.00 p.m. - 06.00 p.m.	0.481	> 100	1.505	> 100	0.694	> 100	$f > 100$	20.000
06.00 p.m. - 07.00 p.m.	0.788	73.0	1.387	> 100	1.135	> 100	$f > 100$	20.000
07.00 p.m. - 08.00 p.m.	1.143	73.0	1.994	> 100	2.049	85.0	$50 < f \leq 100$	18.500
08.00 p.m. - 09.00 p.m.	0.465	> 100	1.040	> 100	0.780	> 100	$f > 100$	20.000
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.	< 0.127	12.0	0.536	8.4	0.213	11.0	$f \leq 10$	5.000
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	0.142	11.0	0.567	10.0	0.197	9.8	$f \leq 10$	5.000
01.00 a.m. - 02.00 a.m.	0.134	5.1	0.497	4.1	0.197	5.7	$f \leq 10$	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.	0.300	85.0	0.725	85.0	0.875	85.0	$50 < f \leq 100$	18.500
04.00 a.m. - 05.00 a.m.	< 0.127	9.5	0.812	4.2	0.268	3.8	$f \leq 10$	5.000
05.00 a.m. - 06.00 a.m.	0.181	12.0	0.694	11.0	0.363	12.0	$10 < f \leq 50$	5.250
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.	0.583	73.0	0.575	51.0	0.370	28.0	$50 < f \leq 100$	17.300
08.00 a.m. - 09.00 a.m.	0.512	> 100	2.057	> 100	1.230	> 100	$f > 100$	20.000
09.00 a.m. - 10.00 a.m.	1.174	> 100	2.601	> 100	1.797	85.0	$f > 100$	20.000
10.00 a.m. - 11.00 a.m.	0.583	85.0	0.441	73.0	1.017	85.0	$50 < f \leq 100$	18.500
11.00 a.m. - 12.00 p.m.	0.638	> 100	1.710	> 100	0.717	> 100	$f > 100$	20.000
12.00 p.m. - 01.00 p.m.	1.364	> 100	1.206	> 100	1.364	> 100	$f > 100$	20.000
01.00 p.m. - 02.00 p.m.	0.906	85.0	1.371	> 100	1.356	> 100	$f > 100$	20.000
24 Hour Maximum	-	-	2.601	> 100	-	-	$f > 100$	20.000

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 Model and Serial No. : 721A2601 and S/N UM22200



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 ที่มกก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
 GPS. Coordinate : 47 P 670455 E 1517948 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/45
 Sample Type : Vibration
 Sampling Date : 26 - 27 June 2026
 Received Date : 29 June 2026
 Analytical Date : 29 June - 03 July 2026
 Report Date : 06 July 2026
 Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	1.482	57.0	1.600	73.0	2.940	85.0	50 < f ≤ 100	18.500
03.00 p.m. - 04.00 p.m.	0.244	> 100	0.733	85.0	1.119	85.0	50 < f ≤ 100	18.500
04.00 p.m. - 05.00 p.m.	0.528	73.0	0.363	85.0	0.591	> 100	f > 100	20.000
05.00 p.m. - 06.00 p.m.	0.851	85.0	0.567	85.0	0.631	> 100	50 < f ≤ 100	18.500
06.00 p.m. - 07.00 p.m.	0.788	51.0	0.638	> 100	1.419	73.0	50 < f ≤ 100	17.300
07.00 p.m. - 08.00 p.m.	0.331	> 100	0.631	85.0	0.828	85.0	50 < f ≤ 100	18.500
08.00 p.m. - 09.00 p.m.	0.725	> 100	1.151	> 100	1.080	85.0	f > 100	20.000
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. - 12.00 a.m.	< 0.127	6.7	0.497	5.4	0.213	5.1	f ≤ 10	5.000
12.00 a.m. - 01.00 a.m.	0.134	12.0	0.497	10.0	0.166	9.8	f ≤ 10	5.000
01.00 a.m. - 02.00 a.m.	< 0.127	6.6	0.662	6.2	0.284	6.4	f ≤ 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.	0.307	85.0	0.575	85.0	0.623	85.0	50 < f ≤ 100	18.500
07.00 a.m. - 08.00 a.m.	1.009	> 100	0.946	> 100	0.772	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	0.725	> 100	1.135	> 100	0.835	> 100	f > 100	20.000
09.00 a.m. - 10.00 a.m.	1.167	> 100	1.505	43.0	1.608	64.0	50 < f ≤ 100	16.400
10.00 a.m. - 11.00 a.m.	0.134	4.7	0.591	3.4	0.213	5.6	f ≤ 10	5.000
11.00 a.m. - 12.00 p.m.	0.489	> 100	0.638	85.0	1.080	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.867	> 100	0.552	85.0	0.812	> 100	f > 100	20.000
01.00 p.m. - 02.00 p.m.	1.655	> 100	1.182	43.0	2.238	64.0	50 < f ≤ 100	16.400
24 Hour Maximum	-	-	-	-	2.940	85.0	50 < f ≤ 100	18.500

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 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200



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 ที่มกก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/47
Sample Type : Vibration
Sampling Date : 27 - 28 June 2026
Received Date : 29 June 2026
Analytical Date : 29 June - 03 July 2026
Report Date : 06 July 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	0.678	32.0	1.781	27.0	1.584	85.0	10 < f ≤ 50	9.250
03.00 p.m. - 04.00 p.m.	0.394	> 100	0.560	37.0	0.835	34.0	10 < f ≤ 50	11.000
04.00 p.m. - 05.00 p.m.	0.552	32.0	1.001	32.0	1.269	34.0	10 < f ≤ 50	11.000
05.00 p.m. - 06.00 p.m.	1.040	> 100	0.891	> 100	0.615	> 100	f > 100	20.000
06.00 p.m. - 07.00 p.m.	< 0.127	17.0	0.497	9.8	0.173	17.0	f ≤ 10	5.000
07.00 p.m. - 08.00 p.m.	< 0.127	30.0	0.615	10.0	0.205	19.0	f ≤ 10	5.000
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.	0.765	23.0	1.025	37.0	0.969	11.0	10 < f ≤ 50	11.750
10.00 p.m. - 11.00 p.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
11.00 p.m. - 12.00 a.m.	0.307	73.0	0.465	64.0	0.583	73.0	50 < f ≤ 100	17.300
12.00 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.	0.166	4.9	0.914	4.0	0.370	4.9	f ≤ 10	5.000
05.00 a.m. - 06.00 a.m.	0.481	> 100	0.449	> 100	0.694	> 100	f > 100	20.000
06.00 a.m. - 07.00 a.m.	0.749	> 100	0.828	> 100	0.946	85.0	50 < f ≤ 100	18.500
07.00 a.m. - 08.00 a.m.	0.678	> 100	0.772	73.0	1.001	> 100	f > 100	20.000
08.00 a.m. - 09.00 a.m.	1.498	27.0	2.412	32.0	1.450	32.0	10 < f ≤ 50	10.500
09.00 a.m. - 10.00 a.m.	0.355	> 100	0.678	39.0	0.922	73.0	50 < f ≤ 100	17.300
10.00 a.m. - 11.00 a.m.	0.355	51.0	0.883	51.0	0.331	57.0	50 < f ≤ 100	15.100
11.00 a.m. - 12.00 p.m.	0.662	57.0	0.552	9.7	1.033	> 100	f > 100	20.000
12.00 p.m. - 01.00 p.m.	0.205	21.0	0.615	16.0	0.276	18.0	10 < f ≤ 50	6.500
01.00 p.m. - 02.00 p.m.	0.284	73.0	0.686	73.0	1.048	85.0	50 < f ≤ 100	18.500
24 Hour Maximum	-	-	2.412	32.0	-	-	10 < f ≤ 50	10.500

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : -
Sample Type : Vibration
Sampling Date : 28 - 29 June 2026
Received Date : -
Analytical Date : -
Report Date : -
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
02.00 p.m. - 03.00 p.m.	*	*	*	*	*	*	-	-
03.00 p.m. - 04.00 p.m.	*	*	*	*	*	*	-	-
04.00 p.m. - 05.00 p.m.	*	*	*	*	*	*	-	-
05.00 p.m. - 06.00 p.m.	*	*	*	*	*	*	-	-
06.00 p.m. - 07.00 p.m.	*	*	*	*	*	*	-	-
07.00 p.m. - 08.00 p.m.	*	*	*	*	*	*	-	-
08.00 p.m. - 09.00 p.m.	*	*	*	*	*	*	-	-
09.00 p.m. - 10.00 p.m.	*	*	*	*	*	*	-	-
10.00 p.m. - 11.00 p.m.	*	*	*	*	*	*	-	-
11.00 p.m. - 12.00 a.m.	*	*	*	*	*	*	-	-
12.00 a.m. - 01.00 a.m.	*	*	*	*	*	*	-	-
01.00 a.m. - 02.00 a.m.	*	*	*	*	*	*	-	-
02.00 a.m. - 03.00 a.m.	*	*	*	*	*	*	-	-
03.00 a.m. - 04.00 a.m.	*	*	*	*	*	*	-	-
04.00 a.m. - 05.00 a.m.	*	*	*	*	*	*	-	-
05.00 a.m. - 06.00 a.m.	*	*	*	*	*	*	-	-
06.00 a.m. - 07.00 a.m.	*	*	*	*	*	*	-	-
07.00 a.m. - 08.00 a.m.	*	*	*	*	*	*	-	-
08.00 a.m. - 09.00 a.m.	*	*	*	*	*	*	-	-
09.00 a.m. - 10.00 a.m.	*	*	*	*	*	*	-	-
10.00 a.m. - 11.00 a.m.	*	*	*	*	*	*	-	-
11.00 a.m. - 12.00 p.m.	*	*	*	*	*	*	-	-
12.00 p.m. - 01.00 p.m.	*	*	*	*	*	*	-	-
01.00 p.m. - 02.00 p.m.	*	*	*	*	*	*	-	-
24 Hour Maximum	-	-	-	-	-	-	-	-

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
 PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
 Model and Serial No. : 721A2601 and S/N UM22200

* No



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 ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : พื้นที่โครงการ ด้านทิศตะวันตก
GPS. Coordinate : 47 P 670455 E 1517948 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/49
Sample Type : Vibration
Sampling Date : 29 - 30 June 2026
Received Date : 01 July 2026
Analytical Date : 01 - 03 July 2026
Report Date : 06 July 2026
Measurement Method : Vibration Meter

Interval Time	Transverse		Vertical		Longitudinal		Standard	
	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	PPV (mm/s)	f (Hz)	f (Hz)	PPV (mm/s)
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.	< 0.127	4.0	0.599	5.0	0.205	2.9	$f \leq 10$	5.000
04.00 p.m. - 05.00 p.m.	0.717	> 100	1.702	64.0	1.632	85.0	$50 < f \leq 100$	16.400
05.00 p.m. - 06.00 p.m.	0.575	> 100	0.835	> 100	0.930	> 100	$f > 100$	20.000
06.00 p.m. - 07.00 p.m.	0.441	85.0	0.930	73.0	1.206	85.0	$50 < f \leq 100$	18.500
07.00 p.m. - 08.00 p.m.	0.268	85.0	0.599	73.0	0.709	73.0	$50 < f \leq 100$	17.300
08.00 p.m. - 09.00 p.m.	0.323	85.0	0.709	85.0	0.962	85.0	$50 < f \leq 100$	18.500
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.	0.331	> 100	0.804	73.0	1.056	73.0	$50 < f \leq 100$	17.300
11.00 p.m. - 12.00 a.m.	N/A	N/A	N/A	N/A	N/A	N/A	-	-
12.00 a.m. - 01.00 a.m.	0.315	> 100	0.599	73.0	0.591	85.0	$50 < f \leq 100$	17.300
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.	0.457	> 100	1.017	85.0	1.167	73.0	$50 < f \leq 100$	17.300
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.	0.355	85.0	0.725	85.0	0.843	85.0	$50 < f \leq 100$	18.500
05.00 a.m. - 06.00 a.m.	< 0.127	7.3	0.560	6.4	0.189	5.7	$f \leq 10$	5.000
06.00 a.m. - 07.00 a.m.	< 0.127	14.0	0.560	9.7	0.205	14.0	$f \leq 10$	5.000
07.00 a.m. - 08.00 a.m.	0.772	> 100	1.261	85.0	0.883	85.0	$50 < f \leq 100$	18.500
08.00 a.m. - 09.00 a.m.	0.686	85.0	0.638	> 100	0.307	> 100	$50 < f \leq 100$	18.500
09.00 a.m. - 10.00 a.m.	0.402	85.0	0.686	85.0	0.875	85.0	$50 < f \leq 100$	18.500
10.00 a.m. - 11.00 a.m.	0.670	64.0	1.127	20.0	0.599	17.0	$10 < f \leq 50$	7.500
11.00 a.m. - 12.00 p.m.	1.442	85.0	0.922	> 100	1.285	> 100	$50 < f \leq 100$	18.500
12.00 p.m. - 01.00 p.m.	1.072	73.0	1.324	> 100	1.710	> 100	$f > 100$	20.000
01.00 p.m. - 02.00 p.m.	0.465	85.0	0.796	> 100	0.835	> 100	$f > 100$	20.000
24 Hour Maximum	-	-	-	-	1.710	> 100	$f > 100$	20.000

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 Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz
Model and Serial No. : 721A2601 and S/N UM22200



ภาคผนวก ง4

คุณภาพน้ำ



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีเอ็มโก้สร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
 กรุงเทพมหานคร
 Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง
 GPS. Coordinate : 47 P 670489 E 1517988 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/1
 Sample Type : Wastewater
 Sampling Date : 15 January 2026
 Sampling Time : 11.20 a.m.
 Received Date : 16 January 2026
 Analytical Date : 16 – 29 January 2026
 Report Date : 30 January 2026

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.9 °C	-	Electrometric Method (4500-H ⁺ B)	8.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	50.7	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	153	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
Oil & Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	1.2	-
Total Kjeldahl Nitrogen *, ^{3/}	mg/L	APHA:4500-Norg (B) ^{2/}	< 0.28	-
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

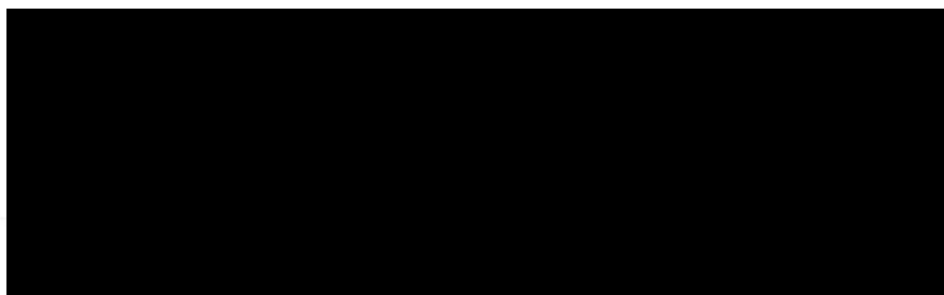
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type D.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 23rd edition 2017.

^{3/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา
กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง
GPS. Coordinate : 47 P 670489 E 1517988 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/1
Sample Type : Wastewater
Sampling Date : 12 February 2026
Sampling Time : 12.41 p.m.
Received Date : 13 February 2026
Analytical Date : 13 February - 05 March 2026
Report Date : 06 March 2026

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.6 °C	-	Electrometric Method (4500-H ⁺ B)	7.8	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	8.6	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	132	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
Oil & Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	-
Total Kjeldahl Nitrogen *, ^{3/}	mg/L	APHA:4500-Norg (B) ^{2/}	< 0.28	-
Sample Appearance		Clear/Little Sediment/Odorless		

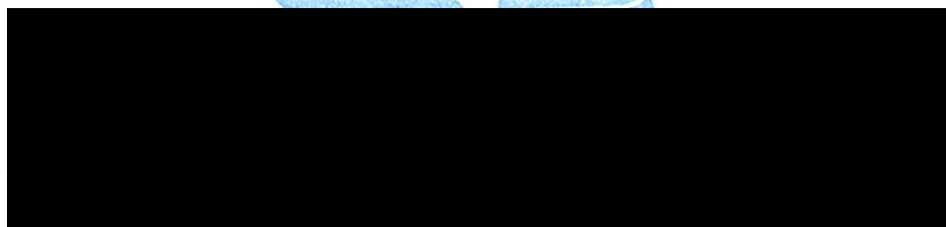
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type D.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 23rd edition 2017.

^{3/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง
GPS. Coordinate : 47 P 670491 E 1517996 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/1
Sample Type : Wastewater
Sampling Date : 12 March 2026
Sampling Time : 11.07 p.m.
Received Date : 13 March 2026
Analytical Date : 13 - 30 March 2026
Report Date : 31 March 2026

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.4 °C	-	Electrometric Method (4500-H ⁺ B)	8.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	38.6	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	173	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
Oil & Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen *, ^{3/}	mg/L	APHA:4500-Norg (B) ^{2/}	< 0.28	-
Sample Appearance		Yellow/Clear/Sediment/Odorless		

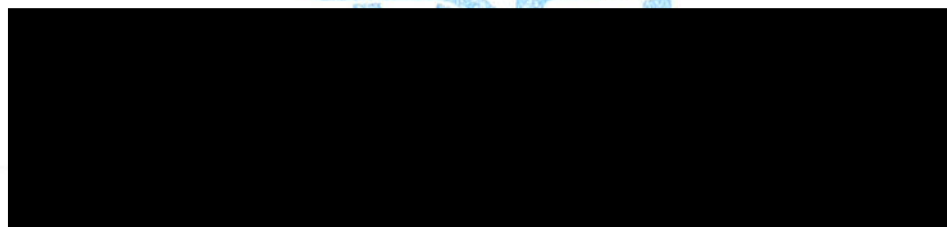
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type D.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 23rd edition 2017.

^{3/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
 Project Name : โครงการ เอสเควี51 (SKV51)
 Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
 Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง
 GPS. Coordinate : 47 P 670533 E 1517919 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S69028
 Sample No. : S69028/1
 Sample Type : Wastewater
 Sampling Date : 07 April 2026
 Sampling Time : 02.24 p.m.
 Received Date : 08 April 2026
 Analytical Date : 08 - 22 April 2026
 Report Date : 23 April 2026

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.8 °C	-	Electrometric Method (4500-H ⁺ B)	7.7	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	204	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Azide Modification Method (4500-O C, 5210 B)	< 2.0	≤ 50
Oil & Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen ^{*, 3/}	mg/L	APHA:4500-Norg (B) ^{2/}	< 0.28	-
Sample Appearance		Clear/Sediment/Odorless		

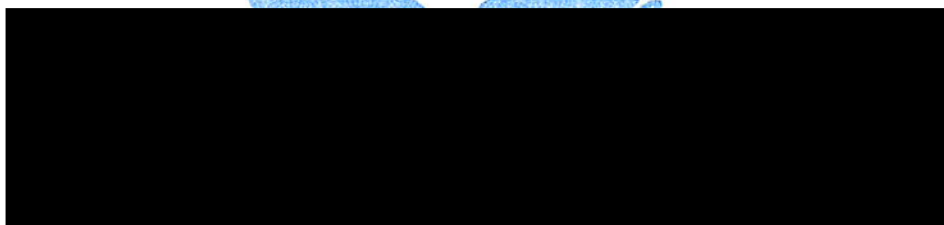
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type D.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 23rd edition 2017.

^{3/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทิมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง
GPS. Coordinate : 47 P 670533 E 1517919 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/1
Sample Type : Wastewater
Sampling Date : 29 May 2026
Sampling Time : 02.07 p.m.
Received Date : 30 May 2026
Analytical Date : 30 May - 15 June 2026
Report Date : 16 June 2026

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25.1 °C	-	Electrometric Method (4500-H ⁺ B)	7.0	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	135	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Azide Modification Method (4500-O C, 5210 B)	< 2.0	≤ 50
Oil & Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen *, ^{3/}	mg/L	APHA:4500-Norg (B) ^{2/}	< 0.28	-
Sample Appearance		Clear/Sediment/Odorless		

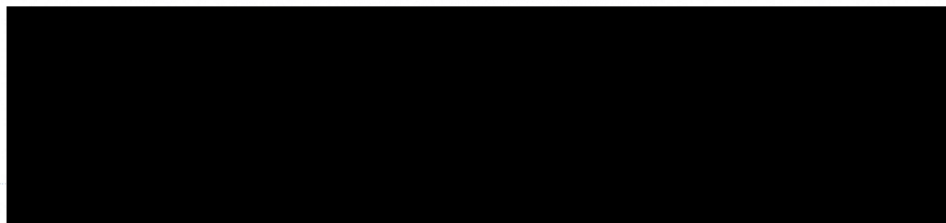
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024)., Building type D.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 23rd edition 2017.

^{3/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

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



Analyst



Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ทีมาก่อสร้าง จำกัด (มหาชน)
Project Name : โครงการ เอสเควี51 (SKV51)
Address Project : ถนนสุขุมวิท แขวงคลองตันเหนือ เขตวัฒนา กรุงเทพมหานคร
Sampling Point : ระบบบำบัดน้ำเสียบริเวณพื้นที่ก่อสร้าง
GPS. Coordinate : 47 P 670486 E 1517983 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S69028
Sample No. : S69028/1
Sample Type : Wastewater
Sampling Date : 22 June 2026
Sampling Time : 02.22 p.m.
Received Date : 23 June 2026
Analytical Date : 23 June - 08 July 2026
Report Date : 09 July 2026

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.4 °C	-	Electrometric Method (4500-H ⁺ B)	7.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 60
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	137	-
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	< 2.0	≤ 50
Oil & Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	-
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen *, ^{3/}	mg/L	APHA:4500-Norg (B) ^{2/}	< 0.28	-
Sample Appearance		Clear/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 D.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 23rd edition 2017.

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