

ภาคผนวก ค

ใบรายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม

ภาคผนวก ค

ใบรายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม

- ภาคผนวก ค-1 ใบรายงานผลการวิเคราะห์คุณภาพน้ำ เดือนมกราคม พ.ศ. 2569
- ภาคผนวก ค-2 ใบรายงานผลการวิเคราะห์คุณภาพน้ำ เดือนกุมภาพันธ์ พ.ศ. 2569
- ภาคผนวก ค-3 ใบรายงานผลการวิเคราะห์คุณภาพน้ำ เดือนมีนาคม พ.ศ. 2569
- ภาคผนวก ค-4 ใบรายงานผลการวิเคราะห์คุณภาพน้ำ เดือนเมษายน พ.ศ. 2569
- ภาคผนวก ค-5 ใบรายงานผลการวิเคราะห์คุณภาพน้ำ เดือนพฤษภาคม พ.ศ. 2569
- ภาคผนวก ค-6 ใบรายงานผลการวิเคราะห์คุณภาพน้ำ เดือนมิถุนายน พ.ศ. 2569

ภาคผนวก-ค1
ใบรายงานผลการวิเคราะห์คุณภาพน้ำ
เดือนมกราคม พ.ศ. 2569

ANALYSIS REPORT

CUSTOMER NAME	: DOLSIRI DEVELOPMENT COMPANY LIMITED	RECEIVED DATE	: JANUARY 22, 2026
ADDRESS	: 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110	ANALYTICAL DATE	: JANUARY 22-30, 2026
CONTACT INFORMATION	: TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com	ISSUE DATE	: JANUARY 30, 2026
SAMPLING SOURCE	: บัณฑิต ทารวจพรพร 4	REPORT NO.	: 2026-U007580
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2025-000633
SAMPLING DATE	: JANUARY 22, 2026	ANALYSIS NO.	: T26AB281-0001 - T26AB281-0002
SAMPLING TIME	: 1/		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR ACHITA SAENGJAN		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 14:20 HOUR 1/ T26AB281-0001	2 14:05 HOUR 1/ T26AB281-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (29.6°C)	7.2 (31.1°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	98.8	29.9	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	53.2	22.1	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	382	344	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	2.6	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	78.8	52.3	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 14:20 HOUR 1/ T26AB281-0001	2 14:05 HOUR 1/ T26AB281-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	10	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ภาคผนวก-ค2
ใบรายงานผลการวิเคราะห์คุณภาพน้ำ
เดือนกุมภาพันธ์ พ.ศ. 2569

ANALYSIS REPORT

CUSTOMER NAME : DOLSIRI DEVELOPMENT COMPANY LIMITED
ADDRESS : 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110
CONTACT INFORMATION : TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com
SAMPLING SOURCE : บัณฑิต ทาวเวอร์ พระราม 4
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : FEBRUARY 13, 2026
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR SITTHIPOL PROMPOCHENBOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : FEBRUARY 13, 2026
ANALYTICAL DATE : FEBRUARY 13-23, 2026
ISSUE DATE : FEBRUARY 23, 2026
REPORT NO. : 2026-U014108
WORK NO. : 2025-000633
ANALYSIS NO. : T26AD070-0001 - T26AD070-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:50 HOUR 1/ T26AD070-0001	2 13:45 HOUR 1/ T26AD070-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.6 (28.5°C)	7.2 (29.5°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	98.2	40.9	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	34.3	24.8	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	369	335	≤ 1,000	-	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	< 0.50	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	78.5	52.1	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 13:50 HOUR 1/ T26AD070-0001	2 13:45 HOUR 1/ T26AD070-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	9	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

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^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ภาคผนวก-ค3
ใบรายงานผลการวิเคราะห์คุณภาพน้ำ
เดือนมีนาคม พ.ศ. 2569

ANALYSIS REPORT

CUSTOMER NAME : DOLSIRI DEVELOPMENT COMPANY LIMITED
ADDRESS : 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110
CONTACT INFORMATION : TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com
SAMPLING SOURCE : บัณฑิต ทารวจพรพร 4
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MARCH 13, 2026
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR PHATSAWUT THOSAKOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : MARCH 13, 2026
ANALYTICAL DATE : MARCH 13-20, 2026
ISSUE DATE : MARCH 23, 2026
REPORT NO. : 2026-U022048
WORK NO. : 2025-000633
ANALYSIS NO. : T26AF226-0001 - T26AF226-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:25 HOUR 1/ T26AF226-0001	2 10:20 HOUR 1/ T26AF226-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.9 (29.1°C)	7.5 (29.7°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	84.3	54.6	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	34.1	32.4	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	300	324	≤ 1,000	-	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	0.54	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	75.1	50.7	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:25 HOUR 1/ T26AF226-0001	2 10:20 HOUR 1/ T26AF226-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

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^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.



(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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เดือนเมษายน พ.ศ. 2569

ANALYSIS REPORT

CUSTOMER NAME	: DOLSIRI DEVELOPMENT COMPANY LIMITED	RECEIVED DATE	: APRIL 8, 2026
ADDRESS	: 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110	ANALYTICAL DATE	: APRIL 8-20, 2026
CONTACT INFORMATION	: TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com	ISSUE DATE	: APRIL 21, 2026
SAMPLING SOURCE	: บึงกุ่ม ทาวเวอร์ พระราม 4	REPORT NO.	: 2026-U030937
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2025-000633
SAMPLING DATE	: APRIL 8, 2026	ANALYSIS NO.	: T26AH589-0001 - T26AH589-0002
SAMPLING TIME	: 1/		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR KRIDSANAPONG NAMTHIP		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 15:55 HOUR 1/ T26AH589-0001	2 15:50 HOUR 1/ T26AH589-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	8.0 (30.8°C)	7.3 (30.8°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	49.5	34.4	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	38.1	28.4	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	331	320	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	0.63	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	78.8	35.6	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 15:55 HOUR 1/ T26AH589-0001	2 15:50 HOUR 1/ T26AH589-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	7	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.



(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

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เดือนพฤษภาคม พ.ศ. 2569

ANALYSIS REPORT

CUSTOMER NAME : DOLSIRI DEVELOPMENT COMPANY LIMITED
ADDRESS : 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110
CONTACT INFORMATION : TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com
SAMPLING SOURCE : บัณฑิต ทาวเวอร์ พระราม 4
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : MAY 15, 2026
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR ACHITA SAENGJAN
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : MAY 15, 2026
ANALYTICAL DATE : MAY 15-22, 2026
ISSUE DATE : MAY 25, 2026
REPORT NO. : 2026-U043236
WORK NO. : 2025-000633
ANALYSIS NO. : T26AK495-0001 - T26AK495-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 08:30 HOUR 1/ T26AK495-0001	2 08:20 HOUR 1/ T26AK495-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.7 (29.7°C)	7.4 (30.4°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	97.2	20.9	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	38.0	16.4	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	342	322	≤ 1,000	-	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	< 0.1	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	0.54	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	83.4	54.8	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 08:30 HOUR 1/ T26AK495-0001	2 08:20 HOUR 1/ T26AK495-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

[Redacted Signature]

(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ภาคผนวก-ค6
ใบรายงานผลการวิเคราะห์คุณภาพน้ำ
เดือนมิถุนายน พ.ศ. 2569

ANALYSIS REPORT

CUSTOMER NAME	: DOLSIRI DEVELOPMENT COMPANY LIMITED	RECEIVED DATE	: JUNE 19, 2026
ADDRESS	: 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110	ANALYTICAL DATE	: JUNE 19-26, 2026
CONTACT INFORMATION	: TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com	ISSUE DATE	: JUNE 29, 2026
SAMPLING SOURCE	: บัญชี ทารวเวอร์ พระราม 4	REPORT NO.	: 2026-U056857
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2026-002852
SAMPLING DATE	: JUNE 19, 2026	ANALYSIS NO.	: T26AN944-0001 - T26AN944-0002
SAMPLING TIME	: 1/		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR NAPAT TEMEYABUTR		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:05 HOUR 1/ T26AN944-0001	2 09:00 HOUR 1/ T26AN944-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.4 (28.6°C)	7.0 (29.9°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	87.6	42.6	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	28.7	26.3	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	378	339	≤ 1,000	-	25
SETTLABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	0.4	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	0.68	< 0.50	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN ^b	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	79.5	48.4	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:05 HOUR 1/ T26AN944-0001	2 09:00 HOUR 1/ T26AN944-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	7	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS B, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 141, PART 233 D, DATED AUGUST 27, 2024.

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(MISS WILAILAK SRISUK)
LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME : DOLSIRI DEVELOPMENT COMPANY LIMITED
ADDRESS : 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110
CONTACT INFORMATION : TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com
SAMPLING SOURCE : บัญชี ทารเวอร์ พระราม 4
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : JUNE 19, 2026
SAMPLING TIME : 09:15 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR NAPAT TEMEYABUTR
ANALYZED BY : MISS JITSAMON NGAMKANA
RECEIVED DATE : JUNE 19, 2026
ANALYTICAL DATE : JUNE 19-29, 2026
ISSUE DATE : JULY 1, 2026
REPORT NO. : 2026-U058318
WORK NO. : 2026-002852
ANALYSIS NO. : T26AN944-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			COOLING WATER T26AN944-0003		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			YELLOW		

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.



(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

