

ภาคผนวก ค

ใบรายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม

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 ทารวเวอร์ พระราม 4
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : JULY 17, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR SITTHIPOL PROMPOCHENBOON
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : JULY 17, 2025
ANALYTICAL DATE : JULY 17-23, 2025
ISSUE DATE : JULY 24, 2025
REPORT NO. : 2025-U068071
WORK NO. : 2025-000633
ANALYSIS NO. : T25AP710-0001 - T25AP710-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 11:00 HOUR 1/ T25AP710-0001	2 10:55 HOUR 1/ T25AP710-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	6.6 (29.3°C)	7.1 (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)	108	62.1	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	23.3	21.4	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	320	292	≤ 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)	2.0	< 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	18.6	16.1	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 11:00 HOUR 1/ T25AP710-0001	2 10:55 HOUR 1/ T25AP710-0002			
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			

^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.



LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: DOLSIRI DEVELOPMENT COMPANY LIMITED	RECEIVED DATE	: AUGUST 28, 2025
ADDRESS	: 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110	ANALYTICAL DATE	: AUGUST 28 - SEPTEMBER 4, 2025
CONTACT INFORMATION	: TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com	ISSUE DATE	: SEPTEMBER 5, 2025
SAMPLING SOURCE	: บัณฑิต ทาวเวอร์ พระราม 4	REPORT NO.	: 2025-U080158
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2025-000633
SAMPLING DATE	: AUGUST 28, 2025	ANALYSIS NO.	: T25AS846-0001 - T25AS846-0002
SAMPLING TIME	: 1/		
SAMPLING METHOD	: GRAB		
SAMPLING BY	: MR CHOKCHAI PHUMSAWAI		
ANALYZED BY	: MISS NAPAPORN KHUNNOKKHUM		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:55 HOUR 1/ T25AS846-0001	2 10:40 HOUR 1/ T25AS846-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.9 (29.6°C)	7.3 (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)	69.9	65.2	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	23.6	15.6	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	304	273	≤ 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)	1.7	< 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	68.9	44.1	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 10:55 HOUR 1/ T25AS846-0001	2 10:40 HOUR 1/ T25AS846-0002			
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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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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LABORATORY SUPERVISOR

ANALYSIS REPORT

CUSTOMER NAME	: DOLSIRI DEVELOPMENT COMPANY LIMITED	RECEIVED DATE	: SEPTEMBER 18, 2025
ADDRESS	: 1152 PUNN TOWER, 2ND FLOOR RAMA 4 ROAD KHLONG TOEI KHLONG TOEI BANGKOK 10110	ANALYTICAL DATE	: SEPTEMBER 18-25, 2025
CONTACT INFORMATION	: TEL : 06 5505 6137 e-mail : engineering.punntower@punntower.com	ISSUE DATE	: SEPTEMBER 26, 2025
SAMPLING SOURCE	: บัณฑิต ทารเวอร์ พระราม 4	REPORT NO.	: 2025-U087674
SAMPLE TYPE	: WASTEWATER	WORK NO.	: 2025-000633
SAMPLING DATE	: SEPTEMBER 18, 2025	ANALYSIS NO.	: T25AU943-0001 - T25AU943-0002
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 12:54 HOUR 1/ T25AU943-0001	2 12:47 HOUR 1/ T25AU943-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (29.1°C)	6.9 (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)	63.6	13.9	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	20.4	7.7	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	236	200	≤ 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)	1.7	< 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	51.7	31.1	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 12:54 HOUR 1/ T25AU943-0001	2 12:47 HOUR 1/ T25AU943-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR BROWN	YELLOW/CLEAR BROWN			

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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.



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 ทารวเวอร์ พระราม 4
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : OCTOBER 15, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR CHOKCHAI PHUMSAWAI
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : OCTOBER 15, 2025
ANALYTICAL DATE : OCTOBER 15-24, 2025
ISSUE DATE : OCTOBER 24, 2025
REPORT NO. : 2025-U097026
WORK NO. : 2025-000633
ANALYSIS NO. : T25AX376-0001 - T25AX376-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:25 HOUR 1/ T25AX376-0001	2 09:15 HOUR 1/ T25AX376-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.6 (28.5°C)	7.2 (29.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	70.2	35.2	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	20.0	10.6	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	283	295	≤ 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	55.1	53.8	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:25 HOUR 1/ T25AX376-0001	2 09:15 HOUR 1/ T25AX376-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	5	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/CLEAR BROWN			

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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]

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 : บึงอู่ ทาวเวอร์ พระราม 4
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : NOVEMBER 20, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR RONNAYUT PRATHUMKET
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM

RECEIVED DATE : NOVEMBER 20, 2025
ANALYTICAL DATE : NOVEMBER 20-26, 2025
ISSUE DATE : NOVEMBER 28, 2025
REPORT NO. : 2025-U108891
WORK NO. : 2025-000633
ANALYSIS NO. : T25BA303-0001 - T25BA303-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:40 HOUR 1/ T25BA303-0001	2 09:35 HOUR 1/ T25BA303-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H* B AND 1060 B	7.9 (26.9°C)	7.2 (27.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	76.0	68.8	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	24.2	9.8	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	258	260	≤ 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	75.2	56.5	≤ 35	1.5	5.0

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 09:40 HOUR 1/ T25BA303-0001	2 09:35 HOUR 1/ T25BA303-0002			
OIL AND GREASE ^a	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	< 3	< 3	≤ 20	-	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN	YELLOW/TURBID BROWN			

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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 ทารวจ พระราม 4
SAMPLE TYPE : WASTEWATER
SAMPLING DATE : DECEMBER 11, 2025
SAMPLING TIME : 1/
SAMPLING METHOD : GRAB
SAMPLING BY : MR WEERAYUT MOKKAEW
ANALYZED BY : MISS NAPAPORN KHUNNOKKHUM
RECEIVED DATE : DECEMBER 12, 2025
ANALYTICAL DATE : DECEMBER 22-21, 2025
ISSUE DATE : DECEMBER 22, 2025
REPORT NO. : 2025-U115697
WORK NO. : 2025-000633
ANALYSIS NO. : T25BC033-0001 - T25BC033-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 15:05 HOUR 1/ T25BC033-0001	2 15:00 HOUR 1/ T25BC033-0002			
pH ^a	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H ⁺ B AND 1060 B	7.5 (27.1°C)	7.3 (27.4°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND ^a	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	93.3	170	≤ 30	-	2.0
TOTAL SUSPENDED SOLIDS ^a	mg/L	TOTAL SUSPENDED SOLIDS DRIED FROM 103 TO 105 °C (SM: PART 2540 D)	25.2	36.3	≤ 40	-	5.0
TOTAL DISSOLVED SOLIDS ^b	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	287	308	≤ 1,000	-	25
SETTLEABLE SOLIDS ^c	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	0.3	-	0.1	-
SULPHIDE ^b	mg/L	IODOMETRIC METHOD (SM: PART 4500-S ²⁻ F)	0.65	< 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	74.8	49.4	≤ 35	1.5	5.0



PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT		REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			1 15:05 HOUR 1/ T25BC033-0001	2 15:00 HOUR 1/ T25BC033-0002			
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 YELLOW			

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RESULT 1 : น้ำเสียก่อนการบำบัด

RESULT 2 : น้ำเสียหลังการบำบัด

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LABORATORY SUPERVISOR