ภาคผนวก ค

ใบรายงานผลการตรวจวัดและวิเคราะห์คุณภาพสิ่งแวดล้อม

United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ส่วนกัดตาคาร ถังดักไขมัน T24AB390-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	68	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 1, 2024

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2024-U008531

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JANUARY 23, 2024
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JANUARY 23, 2024
ANALYTICAL DATE : JANUARY 23-29, 2024
REPORT NO. : 2024-U008531
WORK NO. : 2023-005637
ANALYSIS NO. : T24AB390-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ส่วนกัดตาคาร ถังดักไขมัน T24AB390-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.1 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	684	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	201	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	548	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	5.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	14.0	≤ 35	1.5

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ส่วนภัตตาคาร ถังเกรอะกรอง เติมอากาศบริเวณ ส่วนตกตะกอน T24AB390-0002	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	7	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 1, 2024

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NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JANUARY 23, 2024
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JANUARY 23, 2024
ANALYTICAL DATE : JANUARY 23-29, 2024
REPORT NO. : 2024-U008532
WORK NO. : 2023-005637
ANALYSIS NO. : T24AB390-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ส่วนภัตตาคาร ถังเกรอะกรอง เติมอากาศบริเวณ ส่วนตกตะกอน T24AB390-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.8 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	91.6	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	125	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	390	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	47.3	≤ 35	1.5

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AB390-0003	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	3	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

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LABORATORY SUPERVISOR

FEBRUARY 1, 2024

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LABORATORY ACCREDITATION BLA-DSS
TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JANUARY 23, 2024
SAMPLING TIME : 14:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JANUARY 23, 2024
ANALYTICAL DATE : JANUARY 23-29, 2024
REPORT NO. : 2024-U008533
WORK NO. : 2023-005637
ANALYSIS NO. : T24AB390-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AB390-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.6 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	84.8	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	149	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	396	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	49.8	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AB390-0004	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	3	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

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NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JANUARY 23, 2024
SAMPLING TIME : 14:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JANUARY 23, 2024
ANALYTICAL DATE : JANUARY 23-29, 2024
REPORT NO. : 2024-U008534
WORK NO. : 2023-005637
ANALYSIS NO. : T24AB390-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AB390-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	65.1	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	82.0	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	404	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	44.6	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้ง ก่อนระบายออกจากโครงการ T24AB390-0005	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 1, 2024

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NSC -TISI -TIS 17025
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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JANUARY 23, 2024
SAMPLING TIME : 14:40 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JANUARY 23, 2024
ANALYTICAL DATE : JANUARY 23-29, 2024
REPORT NO. : 2024-U008535
WORK NO. : 2023-005637
ANALYSIS NO. : T24AB390-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้ง ก่อนระบายออกจากโครงการ T24AB390-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.6 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	53.0	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	63.9	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	406	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	43.7	≤ 35	1.5

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NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : 14:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-19, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014561
WORK NO. : 2023-005637
ANALYSIS NO. : T24AC788-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังดักไขมัน T24AC788-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.1 (29°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	830	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	578	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	650	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	9.5	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	24.0	≤ 35	1.5

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JANUARY 23, 2024
SAMPLING TIME : 15:10 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : JANUARY 23, 2024
ANALYTICAL DATE : JANUARY 23-25, 2024
REPORT NO. : 2024-U008536
WORK NO. : 2023-005637
ANALYSIS NO. : T24AB390-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT WATER SUPPLY T24AB390-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	285	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[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 STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 1, 2024

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-19, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014562
WORK NO. : 2023-005637
ANALYSIS NO. : T24AC788-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเติมอากาศบริเวณส่วนคคะคอน T24AC788-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	66.2	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	101	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	353	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	31.5	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังดักไขมัน T24AC788-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	81	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 21, 2024

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-19, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014563
WORK NO. : 2023-005637
ANALYSIS NO. : T24AC788-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AC788-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (28°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	68.4	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	135	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	371	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	32.7	≤ 35	1.5

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NSC -TISI -TIS 17025 TESTING 0207

LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วน ภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AC788-0002	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

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LABORATORY SUPERVISOR

FEBRUARY 21, 2024

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-19, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014564
WORK NO. : 2023-005637
ANALYSIS NO. : T24AC788-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AC788-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	37.4	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	44.7	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	376	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	26.0	≤ 35	1.5

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AC788-0003	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

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LABORATORY SUPERVISOR

FEBRUARY 21, 2024

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-19, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014565
WORK NO. : 2023-005637
ANALYSIS NO. : T24AC788-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AC788-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.3 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	38.2	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	64.2	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	358	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	25.8	≤ 35	1.5

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AC788-0004	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 21, 2024

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2024-U014564

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TESTING No.0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : FEBRUARY 12, 2024
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : FEBRUARY 12, 2024
ANALYTICAL DATE : FEBRUARY 12-15, 2024
ISSUE DATE : FEBRUARY 20, 2024
REPORT NO. : 2024-U014566
WORK NO. : 2023-005637
ANALYSIS NO. : T24AC788-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT น้ำประปา T24AC788-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	261	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[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 STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 21, 2024

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NSC -TISI -TIS 17025 TESTING 0207
TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AC788-0005	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

FEBRUARY 21, 2024

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24AF357-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	127	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

MARCH 25, 2024

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TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 14, 2024
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MARCH 14, 2024
ANALYTICAL DATE : MARCH 14-21, 2024
ISSUE DATE : MARCH 22, 2024
REPORT NO. : 2024-U024112
WORK NO. : 2023-005637
ANALYSIS NO. : T24AF357-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24AF357-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	5.8 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	831	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	299	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	538	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	1.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	3.0	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	28.1	≤ 35	1.5

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AF357-0002	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

[redacted]

MARCH 25, 2024

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NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 14, 2024
SAMPLING TIME : 14:16 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MARCH 14, 2024
ANALYTICAL DATE : MARCH 14-21, 2024
ISSUE DATE : MARCH 22, 2024
REPORT NO. : 2024-U024113
WORK NO. : 2023-005637
ANALYSIS NO. : T24AF357-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AF357-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.6 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	68.8	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	87.0	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	320	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	38.9	≤ 35	1.5

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AF357-0003	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	3	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
** : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).
ND : NON-DETECTABLE.

[redacted]

MARCH 25, 2024

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No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 14, 2024
SAMPLING TIME : 14:24 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MARCH 14, 2024
ANALYTICAL DATE : MARCH 14-21, 2024
ISSUE DATE : MARCH 22, 2024
REPORT NO. : 2024-U024114
WORK NO. : 2023-005637
ANALYSIS NO. : T24AF357-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AF357-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND** [c]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	29.2	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	196	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	324	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	38.6	≤ 35	1.5

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No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AF357-0004	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

.....
LABORATORY SUPERVISOR

MARCH 25, 2024

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2024-U024115

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 14, 2024
SAMPLING TIME : 14:08 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY
ANALYZED BY

RECEIVED DATE : MARCH 14, 2024
ANALYTICAL DATE : MARCH 14-21, 2024
ISSUE DATE : MARCH 22, 2024
REPORT NO. : 2024-U024115
WORK NO. : 2023-005637
ANALYSIS NO. : T24AF357-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AF357-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	9.7	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	27.3	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	298	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	31.1	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AF357-0005	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
** : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

MARCH 25, 2024

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NSC -TISI -TIS 17025 TESTING 0207 | TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MARCH 14, 2024
SAMPLING TIME : 14:12 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MARCH 14, 2024
ANALYTICAL DATE : MARCH 14-21, 2024
ISSUE DATE : MARCH 22, 2024
REPORT NO. : 2024-U024116
WORK NO. : 2023-005637
ANALYSIS NO. : T24AF357-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AF357-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND** [c]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	10.6	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	23.4	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	302	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.2	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	32.1	≤ 35	1.5

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TESTING 0207

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No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 17, 2024
SAMPLING TIME : 13:55 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : APRIL 17, 2024
ANALYTICAL DATE : APRIL 17-24, 2024
ISSUE DATE : APRIL 25, 2024
REPORT NO. : 2024-U034513
WORK NO. : 2023-005637
ANALYSIS NO. : T24AH965-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ส่วนภัตตาคาร ถังดักไขมัน T24AH965-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.0 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1,542	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	731	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	894	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	11.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	1.6	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	74.9	≤ 35	1.5

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TESTING
No.0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : MARCH 14, 2024
SAMPLING TIME : 14:35 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : MARCH 14, 2024
ANALYTICAL DATE : MARCH 14-20, 2024
ISSUE DATE : MARCH 22, 2024
REPORT NO. : 2024-U024018
WORK NO. : 2023-005637
ANALYSIS NO. : T24AF357-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT WATER SUPPLY T24AF357-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	220	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[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 STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.

[redacted]
LABORATORY SUPERVISOR

MARCH 25, 2024

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ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 17, 2024
SAMPLING TIME : 13:35 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : APRIL 17, 2024
ANALYTICAL DATE : APRIL 17-27, 2024
ISSUE DATE : APRIL 29, 2024
REPORT NO. : 2024-U035749
WORK NO. : 2023-005637
ANALYSIS NO. : T24AH965-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเดิมอากาศบริเวณส่วนตกตะกอน T24AH965-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	136	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	72.6	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	290	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.3	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	32.3	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังดักไขมัน T24AH965-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	96	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
^ : CUSTOMER INFORMATION.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

APRIL 25, 2024

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 17, 2024
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : APRIL 17, 2024
ANALYTICAL DATE : APRIL 17-24, 2024
ISSUE DATE : APRIL 25, 2024
REPORT NO. : 2024-U034514
WORK NO. : 2023-005637
ANALYSIS NO. : T24AH965-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบปาบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AH965-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.7 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	84.3	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	113	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	326	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	5.5	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	< 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	13.6	≤ 35	1.5

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วน ภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AH965-0002	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23rd EDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

APRIL 29, 2024

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2024-U035749

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United Analyst and Engineering Consultant Co., Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 17, 2024
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : APRIL 17, 2024
ANALYTICAL DATE : APRIL 17-24, 2024
ISSUE DATE : APRIL 25, 2024
REPORT NO. : 2024-U034515
WORK NO. : 2023-005637
ANALYSIS NO. : T24AH965-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AH965-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.8 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	26.4	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	20.3	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	334	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	< 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	6.6	≤ 35	1.5

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AH965-0003	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

[redacted]
LABORATORY SUPERVISOR

APRIL 25, 2024

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2024-U034514

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : APRIL 17, 2024
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : APRIL 17, 2024
ANALYTICAL DATE : APRIL 17-24, 2024
ISSUE DATE : APRIL 25, 2024
REPORT NO. : 2024-U034516
WORK NO. : 2023-005637
ANALYSIS NO. : T24AH965-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AH965-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.6 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	26.5	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	29.9	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	331	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500 -S^{2-} F)	< 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	7.5	≤ 35	1.5

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AH965-0004	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

[redacted]

APRIL 25, 2024

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

TESTING No.0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : APRIL 17, 2024
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : APRIL 17, 2024
ANALYTICAL DATE : APRIL 17-23, 2024
ISSUE DATE : APRIL 25, 2024
REPORT NO. : 2024-U034517
WORK NO. : 2023-005637
ANALYSIS NO. : T24AH965-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT WATER SUPPLY T24AH965-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	194	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[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 STILL NOT ACCREDITED

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

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APRIL 25, 2024

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NSC-TISI-TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AH965-0005	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

[redacted]

APRIL 25, 2024

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนกัดตาคารถังดักไขมัน T24AK479-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	87	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

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2024-U046266

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 17, 2024
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MAY 17, 2024
ANALYTICAL DATE : MAY 17-27, 2024
ISSUE DATE : MAY 29, 2024
REPORT NO. : 2024-U046266
WORK NO. : 2023-005637
ANALYSIS NO. : T24AK479-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนกัดตาคารถังดักไขมัน T24AK479-0001	REGULATORY STANDARD	DETECTION LIMIT
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	5.7 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	904	≤ 20	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	300	≤ 30	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	915	500*	25
SETTLEABLE SOLIDS	mL/L	IMHOFF CONE (SM: PART 2540 F)	1.2	≤ 0.5	0.1
FREE CHLORINE	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	3.0	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	25.8	≤ 35	1.5

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AK479-0002	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	3	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

[redacted]

LABORATORY SUPERVISOR

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2024-U046267

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ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 17, 2024
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MAY 17, 2024
ANALYTICAL DATE : MAY 17-27, 2024
ISSUE DATE : MAY 29, 2024
REPORT NO. : 2024-U046267
WORK NO. : 2023-005637
ANALYSIS NO. : T24AK479-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AK479-0002	REGULATORY STANDARD	DETECTION LIMIT
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.6 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	102	≤ 20	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	98.8	≤ 30	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	629	500*	25
SETTLEABLE SOLIDS	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.0	≤ 0.5	0.1
FREE CHLORINE	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	29.8	≤ 35	1.5

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3 Soi Udomsuk 41, Sukhumvit Road, Bangchak, Phrakhanong, Bangkok 10260
Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AK479-0003	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 RDEDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 RDEDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

[redacted]

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2024-U046268

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 17, 2024
SAMPLING TIME : 13:55 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MAY 17, 2024
ANALYTICAL DATE : MAY 17-27, 2024
ISSUE DATE : MAY 29, 2024
REPORT NO. : 2024-U046268
WORK NO. : 2023-005637
ANALYSIS NO. : T24AK479-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำ ระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถัง สัมผัสคลอรีน T24AK479-0003	REGULATORY STANDARD	DETECTION LIMIT
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	34.8	≤ 20	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	99.1	≤ 30	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	592	500*	25
SETTLEABLE SOLIDS	mL/L	IMHOFF CONE (SM: PART 2540 F)	4.5	≤ 0.5	0.1
FREE CHLORINE	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	28.0	≤ 35	1.5

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AK479-0004	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID BROWN		

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

[redacted]

LABORATORY SUPERVISOR

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2024-U046269

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 17, 2024
SAMPLING TIME : 13:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MAY 17, 2024
ANALYTICAL DATE : MAY 17-27, 2024
ISSUE DATE : MAY 29, 2024
REPORT NO. : 2024-U046269
WORK NO. : 2023-005637
ANALYSIS NO. : T24AK479-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AK479-0004	REGULATORY STANDARD	DETECTION LIMIT
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.4 (31°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	10.2	≤ 20	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	13.9	≤ 30	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	636	500*	25
SETTLEABLE SOLIDS	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	≤ 0.5	0.1
FREE CHLORINE	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	19.3	≤ 35	1.5

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดปล่อยน้ำทิ้งก่อนระบายออกจากโครงการ T24AK479-0005	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			 YELLOW/TURBID BROWN		

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rdEDITION, 2017.

REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.

500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.

ND : NON-DETECTABLE.

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : MAY 17, 2024
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MAY 17, 2024
ANALYTICAL DATE : MAY 17-27, 2024
ISSUE DATE : MAY 29, 2024
REPORT NO. : 2024-U046271
WORK NO. : 2023-005637
ANALYSIS NO. : T24AK479-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดปล่อยน้ำทิ้งก่อนระบายออกจากโครงการ T24AK479-0005	REGULATORY STANDARD	DETECTION LIMIT
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	9.2	≤ 20	2.0
SUSPENDED SOLIDS	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	33.9	≤ 30	5.0
TOTAL DISSOLVED SOLIDS	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	577	500*	25
SETTLEABLE SOLIDS	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	≤ 0.5	0.1
FREE CHLORINE	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 0.50	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	21.3	≤ 35	1.5

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LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 13, 2024
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JUNE 13, 2024
ANALYTICAL DATE : JUNE 13-20, 2024
ISSUE DATE : JUNE 21, 2024
REPORT NO. : 2024-U055549
WORK NO. : 2023-005637
ANALYSIS NO. : T24AN060-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนกัดตาคารถังดักไขมัน T24AN060-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	5.5 (34°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	2,042	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	4,266	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	651	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	8.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	2.8	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	25.3	≤ 35	1.5

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ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : MAY 17, 2024
SAMPLING TIME : 13:35 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : MAY 17, 2024
ANALYTICAL DATE : MAY 17-23, 2024
ISSUE DATE : MAY 27, 2024
REPORT NO. : 2024-U045322
WORK NO. : 2023-005637
ANALYSIS NO. : T24AK479-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT WATER SUPPLY T24AK479-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	705	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 23 rd EDITION, 2017.

[redacted]
LABORATORY SUPERVISOR

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No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 13, 2024
SAMPLING TIME : 14:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JUNE 13, 2024
ANALYTICAL DATE : JUNE 13-20, 2024
ISSUE DATE : JUNE 21, 2024
REPORT NO. : 2024-U055550
WORK NO. : 2023-005637
ANALYSIS NO. : T24AN060-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเดิมอากาศบริเวณส่วนดกดะกอน T24AN060-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H+ B AND 1060 B	7.2 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	107	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	54.4	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	361	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	2.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	24.1	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24AN060-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	2,033	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 thEDITION, 2023.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 thEDITION, 2023.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NON-DETECTABLE.

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TESTING
No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 13, 2024
SAMPLING TIME : 14:05 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JUNE 13, 2024
ANALYTICAL DATE : JUNE 13-20, 2024
ISSUE DATE : JUNE 21, 2024
REPORT NO. : 2024-U055551
WORK NO. : 2023-005637
ANALYSIS NO. : T24AN060-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AN060-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (35°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	27.3	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	71.2	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	358	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	6.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	11.2	≤ 35	1.5

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Tel.0 2763 2828 Fax 0 2763 2800 www.uaeconsultant.com E-mail: uae@uaeconsultant.com

NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเติมอากาศบริเวณส่วนตกตะกอน T24AN060-0002	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 thEDITION, 2023.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 thEDITION, 2023.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NOT DETECTED.
^ : CUSTOMER INFORMATION

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2024-U055550

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : EFFLUENT
SAMPLING DATE : JUNE 13, 2024
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JUNE 13, 2024
ANALYTICAL DATE : JUNE 13-20, 2024
ISSUE DATE : JUNE 21, 2024
REPORT NO. : 2024-U055553
WORK NO. : 2023-005637
ANALYSIS NO. : T24AN060-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AN060-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.0 (33°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	8.3	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	22.3	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAO.007 (TOTAL DISSOLVED SOLIDS DRIED AT 103-105 °C); SM: PART 2540 C	364	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.3	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [b]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	< 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	5.1	≤ 35	1.5

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AN060-0003	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	ND	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			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 STILL NOT ACCREDITED

IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 thEDITION, 2023.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 thEDITION, 2023.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NOT DETECTED.

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2024-U055551

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TESTING No.0063

ANALYSIS REPORT

CUSTOMER NAME : BOSTON PARK COMPANY LIMITED
ADDRESS : 333 SRINAKARIN ROAD HUA MAK BANG KAPI BANGKOK 10240
CONTACT INFORMATION : TEL : 0 2378 8000 EXT.4001 e-mail : varinporn_t@grandfourwings.com
SAMPLING SOURCE : THE GRAND FOURWINGS CONVENTION HOTEL
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JUNE 13, 2024
SAMPLING TIME : 14:40 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : JUNE 13, 2024
ANALYTICAL DATE : JUNE 13-19, 2024
ISSUE DATE : JUNE 21, 2024
REPORT NO. : 2024-U055554
WORK NO. : 2023-005637
ANALYSIS NO. : T24AN060-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			WATER SUPPLY T24AN060-0006	
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	272	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

[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, 24 th EDITION, 2023.

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AN060-0005		
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			BROWN		

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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
REGULATORY STANDARD : RANGE OR MAXIMUM PERMITTED VALUE FOR BUILDING EFFLUENT STANDARDS CLASS A, NOTIFICATION OF THE MINISTRY OF RESOURCES AND ENVIRONMENT, PUBLISHED IN THE ROYAL GOVERNMENT GAZETTE, VOL 122, PART 125 D, DATED DECEMBER 29, 2005 AND VOL 139 SPECIAL PART 171 D, DATED JULY 21, 2022.
500* : PERMITTED EXCESS VALUE TO TOTAL DISSOLVED SOLIDS OF ACTUAL TAP WATER USED.
ND : NOT DETECTED.
^ : CUSTOMER INFORMATION

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