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 จุดเก็บน้ำส่วนดักดาคารถังดักไขมัน T24AP373-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	77	≤ 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 th EDITION, 2023.
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.
^ : CUSTOMER INFORMATION.
ND : NOT DETECTED.

[redacted]
LABORATORY SUPERVISOR

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2024-U064722

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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 : JULY 8, 2024
SAMPLING TIME : 14:37 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064722
WORK NO. : 2023-005637
ANALYSIS NO. : T24AP373-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนดักดาคารถังดักไขมัน T24AP373-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.7 (34°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	646	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	187	≤ 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	529	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	13.3	≤ 35	1.5

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NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AP373-0002	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE^ [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	6	≤ 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

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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.
^ : CUSTOMER INFORMATION.
ND : NOT DETECTED.

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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 : JULY 8, 2024
SAMPLING TIME : 14:47 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064723
WORK NO. : 2023-005637
ANALYSIS NO. : T24AP373-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AP373-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	90.9	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	95.4	≤ 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	337	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	40.0	≤ 35	1.5

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AP373-0003	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.
^ : CUSTOMER INFORMATION.
ND : NOT DETECTED.

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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 : JULY 8, 2024
SAMPLING TIME : 14:56 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064724
WORK NO. : 2023-005637
ANALYSIS NO. : T24AP373-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AP373-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.4 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	75.9	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	133	≤ 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	297	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	6.5	≤ 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	43.0	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AP373-0004	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, 24 th EDITION, 2023.
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.

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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 : JULY 8, 2024
SAMPLING TIME : 14:46 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064725
WORK NO. : 2023-005637
ANALYSIS NO. : T24AP373-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AP373-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.3 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	25.6	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	43.0	≤ 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	333	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	35.3	≤ 35	1.5

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AP373-0005	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

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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 : NOT DETECTED.

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LABORATORY SUPERVISOR

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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 : JULY 8, 2024
SAMPLING TIME : 14:42 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064726
WORK NO. : 2023-005637
ANALYSIS NO. : T24AP373-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AP373-0005	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)	36.6	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	63.3	≤ 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	318	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	36.0	≤ 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 : AUGUST 13, 2024
SAMPLING TIME : 15:10 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : AUGUST 13, 2024
ANALYTICAL DATE : AUGUST 13-20, 2024
ISSUE DATE : AUGUST 23, 2024
REPORT NO. : 2024-U076298
WORK NO. : 2023-005637
ANALYSIS NO. : T24AS220-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนดัดตาดารถังดักไขมัน T24AS220-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	5.9 (32°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	2,230	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	1,178	≤ 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	539	500*	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	3.0	≤ 0.5	0.1
FREE CHLORINE [c]	mg/L Cl_2	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	-	0.1
SULPHIDE [c]	mg/L	IODOMETRIC METHOD (SM: PART 4500-S^{2-} F)	4.1	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	51.5	≤ 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 : JULY 8, 2024
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : JULY 8, 2024
ANALYTICAL DATE : JULY 8-15, 2024
ISSUE DATE : JULY 16, 2024
REPORT NO. : 2024-U064727
WORK NO. : 2023-005637
ANALYSIS NO. : T24AP373-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT WATER SUPPLY T24AP373-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	249	25
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/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, 24 th EDITION, 2023.

[redacted]
LABORATORY SUPERVISOR

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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 : AUGUST 13, 2024
SAMPLING TIME : 14:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : AUGUST 13, 2024
ANALYTICAL DATE : AUGUST 13-20, 2024
ISSUE DATE : AUGUST 23, 2024
REPORT NO. : 2024-U076299
WORK NO. : 2023-005637
ANALYSIS NO. : T24AS220-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเติมอากาศบริเวณส่วนตกตะกอน T24AS220-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.3 (28°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	112	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	64.5	≤ 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	308	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	24.6	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24AS220-0001	REGULATORY STANDARD	DETECTION LIMIT
FAT, OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	16,657	≤ 20	3
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/TURBID		
SEDIMENT			YELLOW		

[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.

[redacted]
LABORATORY SUPERVISOR

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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 : AUGUST 13, 2024
SAMPLING TIME : 15:05 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : AUGUST 13, 2024
ANALYTICAL DATE : AUGUST 13-20, 2024
ISSUE DATE : AUGUST 23, 2024
REPORT NO. : 2024-U076300
WORK NO. : 2023-005637
ANALYSIS NO. : T24AS220-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังส้มผัสคลอรีน T24AS220-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.4 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	38.7	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	52.8	≤ 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	288	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	6.7	≤ 35	1.5

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AS220-0002	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			YELLOW		

[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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LABORATORY SUPERVISOR

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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 : AUGUST 13, 2024
SAMPLING TIME : 14:55 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : AUGUST 13, 2024
ANALYTICAL DATE : AUGUST 13-20, 2024
ISSUE DATE : AUGUST 23, 2024
REPORT NO. : 2024-U076301
WORK NO. : 2023-005637
ANALYSIS NO. : T24AS220-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AS220-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.4 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	41.8	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	22.2	≤ 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	267	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	6.0	≤ 35	1.5

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AS220-0003	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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LABORATORY SUPERVISOR

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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 : AUGUST 13, 2024
SAMPLING TIME : 15:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : AUGUST 13, 2024
ANALYTICAL DATE : AUGUST 13-20, 2024
ISSUE DATE : AUGUST 23, 2024
REPORT NO. : 2024-U076302
WORK NO. : 2023-005637
ANALYSIS NO. : T24AS220-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AS220-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.4 (30°C)	5-9	-
BIOCHEMICAL OXYGEN DEMAND** [c]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	24.5	≤ 20	2.0
SUSPENDED SOLIDS [a]	mg/L	SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	17.9	≤ 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	283	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	5.8	≤ 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 ถังแยกกากตะกอน T24AS220-0004	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, 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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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 : AUGUST 13, 2024
SAMPLING TIME : 15:15 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : AUGUST 13, 2024
ANALYTICAL DATE : AUGUST 13-19, 2024
ISSUE DATE : AUGUST 21, 2024
REPORT NO. : 2024-U076303
WORK NO. : 2023-005637
ANALYSIS NO. : T24AS220-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT น้ำประปา T24AS220-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	147	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, 24 th EDITION, 2023.

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LABORATORY SUPERVISOR

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

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AS220-0005	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, 24 th EDITION, 2023.
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.
** : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).
^ : CUSTOMER INFORMATION.
ND : NOT DETECTED.

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NSC -TISI -TIS 17025
TESTING 0207

TESTING
No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัดตาคารถังดักไขมัน T24AV443-0001	REGULATORY STANDARD	DETECTION LIMIT
OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	222	≤ 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 141, PART 233 D, DATED AUGUST 27, 2024.
ND : NOT DETECTED.

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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 : SEPTEMBER 16, 2024
SAMPLING TIME : 14:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : SEPTEMBER 16, 2024
ANALYTICAL DATE : SEPTEMBER 16-24, 2024
ISSUE DATE : SEPTEMBER 24, 2024
REPORT NO. : 2024-U088840
WORK NO. : 2023-005637
ANALYSIS NO. : T24AV443-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัดตาคารถังดักไขมัน T24AV443-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.1 (31.5°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	843	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	273	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	465	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.4	-	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)	1.8	≤ 1.0	0.50
TOTAL KJELDAHL NITROGEN [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	19.0	≤ 35	1.5

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วน ภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AV443-0002	REGULATORY STANDARD	DETECTION LIMIT
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 th EDITION, 2023.

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 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

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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 : SEPTEMBER 16, 2024
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : SEPTEMBER 16, 2024
ANALYTICAL DATE : SEPTEMBER 16-24, 2024
ISSUE DATE : SEPTEMBER 24, 2024
REPORT NO. : 2024-U088843
WORK NO. : 2023-005637
ANALYSIS NO. : T24AV443-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วน ภัตตาคาร ถังเกรอะ กรองเติมอากาศ บริเวณส่วนตกตะกอน T24AV443-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.8 (32.3°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	103	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	91.1	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	242	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.4	-	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	42.0	≤ 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 T24AV443-0003	REGULATORY STANDARD	DETECTION LIMIT
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 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

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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 : SEPTEMBER 16, 2024
SAMPLING TIME : 14:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : SEPTEMBER 16, 2024
ANALYTICAL DATE : SEPTEMBER 16-24, 2024
ISSUE DATE : SEPTEMBER 24, 2024
REPORT NO. : 2024-U088845
WORK NO. : 2023-005637
ANALYSIS NO. : T24AV443-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AV443-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.9 (31.7°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	188	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	212	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	244	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	20.0	-	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	51.5	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AV443-0004	REGULATORY STANDARD	DETECTION LIMIT
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 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

[redacted]
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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
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 : SEPTEMBER 16, 2024
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : SEPTEMBER 16, 2024
ANALYTICAL DATE : SEPTEMBER 16-24, 2024
ISSUE DATE : SEPTEMBER 24, 2024
REPORT NO. : 2024-U088847
WORK NO. : 2023-005637
ANALYSIS NO. : T24AV443-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AV443-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.5 (31.2°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	40.1	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	15.1	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	243	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	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	39.6	≤ 35	1.5

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AV443-0005	REGULATORY STANDARD	DETECTION LIMIT
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 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

[redacted]
LABORATORY SUPERVISOR

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2024-U088848

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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 : SEPTEMBER 16, 2024
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : SEPTEMBER 16, 2024
ANALYTICAL DATE : SEPTEMBER 16-24, 2024
ISSUE DATE : SEPTEMBER 24, 2024
REPORT NO. : 2024-U088848
WORK NO. : 2023-005637
ANALYSIS NO. : T24AV443-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AV443-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.8 (30.9°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	12.9	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	28.2	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	243	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	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	39.4	≤ 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 : OCTOBER 15, 2024
SAMPLING TIME : 13:15 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : OCTOBER 15, 2024
ANALYTICAL DATE : OCTOBER 15-22, 2024
ISSUE DATE : OCTOBER 24, 2024
REPORT NO. : 2024-U099131
WORK NO. : 2023-005637
ANALYSIS NO. : T24AY158-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนขัดคาคารถังดักไขมัน T24AY158-0001	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	5.4 (32.5°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1,659	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	2,725	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	519	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	8.0	-	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	40.6	≤ 35	1.5

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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 : SEPTEMBER 16, 2024
SAMPLING TIME : 14:40 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : SEPTEMBER 16, 2024
ANALYTICAL DATE : SEPTEMBER 16-19, 2024
ISSUE DATE : SEPTEMBER 24, 2024
REPORT NO. : 2024-U088849
WORK NO. : 2023-005637
ANALYSIS NO. : T24AV443-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT น้ำประปา T24AV443-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	150	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, 24 th EDITION, 2023.

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LABORATORY SUPERVISOR

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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 : OCTOBER 15, 2024
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : OCTOBER 15, 2024
ANALYTICAL DATE : OCTOBER 15-22, 2024
ISSUE DATE : OCTOBER 24, 2024
REPORT NO. : 2024-U099132
WORK NO. : 2023-005637
ANALYSIS NO. : T24AY158-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังเกรอะกรองเดินอากาศบริเวณส่วนตกตะกอน T24AY158-0002	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.8 (31.6°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	91.0	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	51.7	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	243	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.2	-	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	17.6	≤ 35	1.5

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24AY158-0001	REGULATORY STANDARD	DETECTION LIMIT
OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	2,179	≤ 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 141, PART 233 D, DATED AUGUST 27, 2024.
ND : NOT DETECTED.

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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 : OCTOBER 15, 2024
SAMPLING TIME : 13:35 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : [redacted]
ANALYZED BY :

RECEIVED DATE : OCTOBER 15, 2024
ANALYTICAL DATE : OCTOBER 15-22, 2024
ISSUE DATE : OCTOBER 24, 2024
REPORT NO. : 2024-U099133
WORK NO. : 2023-005637
ANALYSIS NO. : T24AY158-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24AY158-0003	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (31.5°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	35.6	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	38.5	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	245	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	1.8	-	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	7.3	≤ 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 จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเติมอากาศบริเวณส่วนตกตะกอน T24AY158-0002	REGULATORY STANDARD	DETECTION LIMIT
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

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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 141, PART 233 D, DATED AUGUST 27, 2024.
ND : NOT DETECTED.

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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 : OCTOBER 15, 2024
SAMPLING TIME : 13:25 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY : [redacted]
ANALYZED BY :

RECEIVED DATE : OCTOBER 15, 2024
ANALYTICAL DATE : OCTOBER 15-22, 2024
ISSUE DATE : OCTOBER 24, 2024
REPORT NO. : 2024-U099134
WORK NO. : 2023-005637
ANALYSIS NO. : T24AY158-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AY158-0004	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (31.5°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	31.4	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	25.4	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	212	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	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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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 ถังพักน้ำทิ้งในถังส้มผัสคลอรีน T24AY158-0003	REGULATORY STANDARD	DETECTION LIMIT
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 141, PART 233 D, DATED AUGUST 27, 2024.
ND : NOT DETECTED.

[redacted]
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2024-U099133

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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 : OCTOBER 15, 2024
SAMPLING TIME : 13:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : OCTOBER 15, 2024
ANALYTICAL DATE : OCTOBER 15-22, 2024
ISSUE DATE : OCTOBER 24, 2024
REPORT NO. : 2024-U099135
WORK NO. : 2023-005637
ANALYSIS NO. : T24AY158-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AY158-0005	REGULATORY STANDARD	DETECTION LIMIT
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (32.2°C)	5.5-9.0	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	17.9	≤ 20	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	23.0	≤ 30	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	234	≤ 1,000	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	-	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	6.9	≤ 35	1.5

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24AY158-0004	REGULATORY STANDARD	DETECTION LIMIT
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 th EDITION, 2023.
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 141, PART 233 D, DATED AUGUST 27, 2024.
ND : NOT DETECTED.

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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 : OCTOBER 15, 2024
SAMPLING TIME : 13:00 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] :
ANALYZED BY :

RECEIVED DATE : OCTOBER 15, 2024
ANALYTICAL DATE : OCTOBER 15-21, 2024
ISSUE DATE : OCTOBER 24, 2024
REPORT NO. : 2024-U099136
WORK NO. : 2023-005637
ANALYSIS NO. : T24AY158-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT น้ำประปา T24AY158-0006	DETECTION LIMIT
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	138	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, 24 th EDITION, 2023.

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TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24AY158-0005	REGULATORY STANDARD	DETECTION LIMIT
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)
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IN-HOUSE : BASED ON STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24 th EDITION, 2023.
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NSC -TISI -TIS 17025 TESTING 0207 TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24BA436-0001	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	852	≤ 20	-	3
SAMPLE CONDITION						
WATER'S COLOUR/TURBID			YELLOW/TURBID			
SEDIMENT			BROWN			

[a] : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 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 141, PART 233 D, DATED AUGUST 27, 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 : NOVEMBER 11, 2024
SAMPLING TIME : 14:33 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : NOVEMBER 11, 2024
ANALYTICAL DATE : NOVEMBER 11-19, 2024
ISSUE DATE : NOVEMBER 19, 2024
REPORT NO. : 2024-U108056
WORK NO. : 2023-005637
ANALYSIS NO. : T24BA436-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24BA436-0001	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.5 (33.1°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	1,326	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	2,456	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	529	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	1.8	-	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	18.0	≤ 35	1.5	5.0

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเติมอากาศ บริเวณส่วนตกตะกอน T24BA436-0002	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
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 th EDITION, 2023.

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 141, PART 233 D, DATED AUGUST 27, 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 : NOVEMBER 11, 2024
SAMPLING TIME : 14:14 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : NOVEMBER 11, 2024
ANALYTICAL DATE : NOVEMBER 11-19, 2024
ISSUE DATE : NOVEMBER 19, 2024
REPORT NO. : 2024-U108057
WORK NO. : 2023-005637
ANALYSIS NO. : T24BA436-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเติมอากาศ บริเวณส่วนตกตะกอน T24BA436-0002	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.3 (31.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	110	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	85.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	268	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	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	18.6	≤ 35	1.5	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งใน ถังส้มผัสคลอรีน T24BA436-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
OIL AND GREASE [c]	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, 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 141, PART 233 D, DATED AUGUST 27, 2024.
ND : NOT DETECTED.

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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 : NOVEMBER 11, 2024
SAMPLING TIME : 14:29 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : NOVEMBER 11, 2024
ANALYTICAL DATE : NOVEMBER 11-19, 2024
ISSUE DATE : NOVEMBER 19, 2024
REPORT NO. : 2024-U108058
WORK NO. : 2023-005637
ANALYSIS NO. : T24BA436-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งใน ถังส้มผัสคลอรีน T24BA436-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.9 (31.3°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	60.6	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	55.4	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	235	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.4	-	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	10.0	≤ 35	1.5	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกาก ตะกอน T24BA436-0004	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
OIL AND GREASE [c]	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, 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 141, PART 233 D, DATED AUGUST 27, 2024.
ND : NOT DETECTED.

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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 : NOVEMBER 11, 2024
SAMPLING TIME : 14:24 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : NOVEMBER 11, 2024
ANALYTICAL DATE : NOVEMBER 11-19, 2024
ISSUE DATE : NOVEMBER 19, 2024
REPORT NO. : 2024-U108059
WORK NO. : 2023-005637
ANALYSIS NO. : T24BA436-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกาก ตะกอน T24BA436-0004	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.7 (31.5°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	58.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	48.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	258	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	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	10.5	≤ 35	1.5	5.0

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PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24BA436-0005	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
OIL AND GREASE [c]	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, 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 141, PART 233 D, DATED AUGUST 27, 2024.
* : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).
ND : NOT DETECTED.

[redacted]
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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 : NOVEMBER 11, 2024
SAMPLING TIME : 14:18 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : NOVEMBER 11, 2024
ANALYTICAL DATE : NOVEMBER 11-19, 2024
ISSUE DATE : NOVEMBER 19, 2024
REPORT NO. : 2024-U108060
WORK NO. : 2023-005637
ANALYSIS NO. : T24BA436-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24BA436-0005	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.8 (31.5°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND* [c]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	29.6	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	39.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	295	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	< 0.1	-	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	8.4	≤ 35	1.5	5.0

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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 : DECEMBER 9, 2024
SAMPLING TIME : 15:45 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : DECEMBER 9, 2024
ANALYTICAL DATE : DECEMBER 9-18, 2024
ISSUE DATE : DECEMBER 20, 2024
REPORT NO. : 2024-U119826
WORK NO. : 2023-005637
ANALYSIS NO. : T24BC985-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24BC985-0001	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.8 (31.7°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	2,276	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	1,306	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	695	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	10.0	-	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)	1.5	≤ 1.0	-	0.50
TOTAL KJELDAHL NITROGEN [b]	mg/L	IN-HOUSE METHOD: UAE.TP.WAS.001 (KJELDAHL METHOD); SM: PART 4500-Norg C	42.1	≤ 35	1.5	5.0

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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 : WATER SUPPLY
SAMPLING DATE : NOVEMBER 11, 2024
SAMPLING TIME : 14:31 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] [redacted]
ANALYZED BY

RECEIVED DATE : NOVEMBER 11, 2024
ANALYTICAL DATE : NOVEMBER 11-19, 2024
ISSUE DATE : NOVEMBER 19, 2024
REPORT NO. : 2024-U108061
WORK NO. : 2023-005637
ANALYSIS NO. : T24BA436-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT น้ำประปา T24BA436-0006	LIMIT OF QUANTITATION (LOQ)
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	143	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, 24 th EDITION, 2023.

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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 : DECEMBER 9, 2024
SAMPLING TIME : 15:25 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY [redacted]
ANALYZED BY

RECEIVED DATE : DECEMBER 9, 2024
ANALYTICAL DATE : DECEMBER 9-17, 2024
ISSUE DATE : DECEMBER 20, 2024
REPORT NO. : 2024-U119827
WORK NO. : 2023-005637
ANALYSIS NO. : T24BC985-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังเกรอะกรองเติมอากาศบริเวณส่วนตกตะกอน T24BC985-0002	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.2 (30.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND [a]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	94.8	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	103	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	346	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.8	-	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	28.4	≤ 35	1.5	5.0

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคารถังดักไขมัน T24BC985-0001	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
OIL AND GREASE [c]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	4,403	≤ 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

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 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

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LABORATORY SUPERVISOR

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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 : DECEMBER 9, 2024
SAMPLING TIME : 15:30 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : DECEMBER 9, 2024
ANALYTICAL DATE : DECEMBER 9-18, 2024
ISSUE DATE : DECEMBER 20, 2024
REPORT NO. : 2024-U119828
WORK NO. : 2023-005637
ANALYSIS NO. : T24BC985-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งในถังสัมผัสคลอรีน T24BC985-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	7.0 (31.1°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND* [c]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	30.4	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	71.1	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	339	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.7	-	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	20.2	≤ 35	1.5	5.0

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NSC -TISI -TIS 17025 TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำส่วนภัตตาคาร ถังเกรอะกรองเติมอากาศ บริเวณส่วนตกตะกอน T24BC985-0002	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
OIL AND GREASE [a]	mg/L	LIQUID-LIQUID, PARTITION-GRAVIMETRIC METHOD (SM: PART 5520 B)	9	≤ 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

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 141, PART 233 D, DATED AUGUST 27, 2024.

ND : NOT DETECTED.

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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 : DECEMBER 9, 2024
SAMPLING TIME : 15:20 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : DECEMBER 9, 2024
ANALYTICAL DATE : DECEMBER 9-18, 2024
ISSUE DATE : DECEMBER 20, 2024
REPORT NO. : 2024-U119829
WORK NO. : 2023-005637
ANALYSIS NO. : T24BC985-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24BC985-0004	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.8 (31.1°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND* [c]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	23.1	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	47.6	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	369	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	7.0	-	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	19.3	≤ 35	1.5	5.0

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NSC -TISI -TIS 17025 TESTING 0207
LABORATORY ACCREDITATION BLA-DSS TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังพักน้ำทิ้งใน ถังสัมผัสคลอรีน T24BC985-0003	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
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

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 141, PART 233 D, DATED AUGUST 27, 2024.

* : ADDITION OF NITRIFICATION INHIBITION (TCMP) FOLLOW TO THE SM: 5210B,5(e).

ND : NOT DETECTED.

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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 : DECEMBER 9, 2024
SAMPLING TIME : 15:15 HOUR
SAMPLING METHOD : GRAB
SAMPLING BY :
ANALYZED BY :

RECEIVED DATE : DECEMBER 9, 2024
ANALYTICAL DATE : DECEMBER 9-18, 2024
ISSUE DATE : DECEMBER 20, 2024
REPORT NO. : 2024-U119830
WORK NO. : 2023-005637
ANALYSIS NO. : T24BC985-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24BC985-0005	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
pH [a]	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500-H^+ B AND 1060 B	6.8 (31.2°C)	5.5-9.0	-	-
BIOCHEMICAL OXYGEN DEMAND* [c]	mg/L	MEMBRANE ELECTRODE METHOD (SM: PART 5210 B AND PART 4500-O G)	15.7	≤ 20	-	2.0
TOTAL SUSPENDED SOLIDS [a]	mg/L	TOTAL SUSPENDED SOLIDS DRIED AT 103-105 °C (SM: PART 2540 D)	36.8	≤ 30	-	5.0
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	351	≤ 1,000	-	25
SETTLEABLE SOLIDS [c]	mL/L	IMHOFF CONE (SM: PART 2540 F)	0.1	-	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	17.3	≤ 35	1.5	5.0

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TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT จุดเก็บน้ำระบบบำบัดน้ำเสียรวม ถังแยกกากตะกอน T24BC985-0004	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
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)
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[c] : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

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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 : DECEMBER 9, 2024
SAMPLING TIME : 15:35 HOUR
SAMPLING METHOD [c] : GRAB
SAMPLING BY [c] : [redacted]
ANALYZED BY

RECEIVED DATE : DECEMBER 9, 2024
ANALYTICAL DATE : DECEMBER 9-16, 2024
ISSUE DATE : DECEMBER 18, 2024
REPORT NO. : 2024-U118892
WORK NO. : 2023-005637
ANALYSIS NO. : T24BC985-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	LIMIT OF QUANTITATION (LOQ)
			WATER SUPPLY T24BC985-0006	
TOTAL DISSOLVED SOLIDS [b]	mg/L	TOTAL DISSOLVED SOLIDS DRIED AT 180 °C (SM: PART 2540 C)	200	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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TESTING 0207

TESTING No. 0063

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT	LIMIT OF QUANTITATION (LOQ)
			จุดบ่อพักน้ำทิ้งก่อนระบายออกจากโครงการ T24BC985-0005			
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)
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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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ND : NOT DETECTED.

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