



บริษัท สวนอุตสาหกรรมบางกะดี จำกัด
BANGKADI INDUSTRIAL PARK CO., LTD.

159 หมู่ 5 ถนน ติวานนท์ ตำบลบางกะดี อำเภอเมือง จังหวัด ปทุมธานี 12000 โทร. (02) 501-1364 โทรสาร. (02) 501-1367

159 Moo 5 Tiwanon Rd. Tambol Bangkadi Amphur Muang Pathumthani 12000 Tel: (02) 501-1364 Fax: (02) 501-1367

WASTEWATER QUALITY ANALYSIS REPORT

Sampling Source : TRANSTRON (THAILAND) CO., LTD.

136 MOO 5 TIWANON RD. T.BANGKADI A.MUANG PATHUMTHANI

Report No. : WT 0359/2023

Sampling Date : September 04, 2023

Received Date : September 04, 2023

Report Date : October 02, 2023

Analytical Date : September 04-30, 2023

Monitored by : BANGKADI INDUSTRIAL PARK CO., LTD

เลขทะเบียน : ร-๑๕๘

Sampling by : นางสาวจิรนนท์ จันทร์ฝาง

เลขทะเบียน : ร-๑๕๘-จ-๐๐๐๒

SOURCE	PARAMETER	METHOD	UNIT	DETECTED VALUE	STANDARD ⁽¹⁾	STANDARD ⁽²⁾
Wastewater	pH	APHA 4500-H ⁺ B	-	6.9	5-9	5.5-9
	TSS	APHA 2540D	mg/L	38.0	≤ 200	≤ 50
	TDS	APHA 2540C	mg/L	540	≤ 3,000	≤ 3,000
	BOD	APHA 5210B	mg/L	103	≤ 500	≤ 20
	COD	APHA 5220C	mg/L	230	≤ 750	≤ 120
	Oil & Grease	APHA 5520B	mg/L	29.4	≤ 5.0	≤ 5.0
	TKN *	APHA 4500-N _{org} B	mg/L	44.6	≤ 100	≤ 100
	Color(7.72) *	ADMI Method	ADMI	111.50	≤ 300	≤ 300
	Color(7.00) *	ADMI Method	ADMI	111.51	≤ 300	≤ 300
	Odor *	-	-	disagreeable	disagreeable	-
	Temperature	Termometer	°C	30	≤ 40	≤ 40
	ABS *	Colorimetric	mg/L	9.26	≤ 30	-
	Fluoride as F ⁻ *	SPADNS	mg/L	1.05	≤ 5.0	-
	Free chlorine as Cl ₂	APHA 4500 B	mg/L	N.D.	≤ 1.0	≤ 1.0
	Cyanide as HCN *	APHA 4500	mg/L	< 0.001	≤ 0.2	≤ 0.2
	Zinc as Zn	APHA 3500	mg/L	0.05	≤ 5.0	≤ 5.0
	Chromium as Cr ³⁺	Flame,AAS,Colorimetric	mg/L	N.D.	≤ 0.75	≤ 0.75
	Chromium as Cr ⁶⁺	APHA 3500	mg/L	N.D.	≤ 0.25	≤ 0.25
	Sulfide as S ²⁻	APHA 4500	mg/L	0.64	≤ 1.0	≤ 1.0
	Copper as Cu	APHA 3500	mg/L	N.D.	≤ 2.0	≤ 2.0
	Lead as Pb	APHA 3500	mg/L	0.10	≤ 0.2	≤ 0.2
	Nickel as Ni	APHA 3500	mg/L	< 0.10	≤ 1.0	≤ 1.0
	Iron as Fe *	APHA 3500	mg/L	0.90	≤ 10.0	-
	Manganese as Mn	Flame,AAS	mg/L	0.08	≤ 5.0	≤ 5.0
Mercury as Hg	Cold Vapor technique,AAS	mg/L	< 0.0005	≤ 0.005	≤ 0.005	
Arsenic as As	Hydride Generation,AAS	mg/L	0.001	≤ 0.25	≤ 0.25	
Barium as Ba *	Flame,AAS	mg/L	< 0.20	≤ 1.0	≤ 1.0	



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เลขทะเบียน : ร-๑๕๘-จ-๐๐๐๒

SOURCE	PARAMETER	METHOD	UNIT	DETECTED VALUE	STANDARD ⁽¹⁾	STANDARD ⁽²⁾	
Wastewater	Cadmium as Cd	Flame,AAS	mg/L	< 0.02	≤ 0.03	≤ 0.03	
	Selenium as Se	Hydride Generation,AAS	mg/L	< 0.0005	≤ 0.02	≤ 0.02	
	Formaldehyde *	Colorimetric	mg/L	0.18	≤ 1.0	≤ 1.0	
	Phenol *	Direct photometric	mg/L	< 0.001	≤ 1.0	≤ 1.0	
	Silver as Ag *	APHA 3500	mg/L	< 0.02	≤ 1.0	-	
	Organo-Chlorine Pesticides						
	Aldrin *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	a-BHC *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	b-BHC *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	d-BHC *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	g-BHC *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	cis-Chlordane *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	trans-Chlordane *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	o,p' - DDT *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	p,p' -DDT *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Dicofol *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Dieldrin *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Endosulfan *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Endosulfan Sulfate *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Endrin *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Haptachlor *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Haptachlor-epoxide*	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	Methoxychlor *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	o,p' - DDE *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	
	p,p' -DDE *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.	



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SOURCE	PARAMETER	METHOD	UNIT	DETECTED VALUE	STANDARD ⁽¹⁾	STANDARD ⁽²⁾
Wastewater	Organo-Chlorine Pesticides					
	o,p' - DDD *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.
	p,p' -DDD *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.
	Mirex *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.
	Endrin ketone *	Based on EPA B270D(2007)	µg/L	N.D.	N.D.	N.D.

Remark : Wastewater : น้ำมีลักษณะเป็นสีดำ

1. Standard⁽¹⁾ : Rules for Releasing of WasteWater into Central WasteWater Treatment Plant of Bangkadi Industrial Park Co., Ltd (October 2017).

Standard⁽²⁾ : Rules for Releasing of WasteWater discharged from Plant of Ministry of Industry (2560 B.E.).

2. Test results will be applicable only for the brought samples.

3. Do not copy partial of this analysis report without official approval.

4. Definition mg/L : milligrams per liter

5. * : Analysis by ANALYTICAL LABORATORY SERVICE CO., LTD.

SUMMARY

Wastewater

The Oil & Grease is out of the standard limit of Bangkadi Industrial Park Co., Ltd (October 2017).

The BOD, COD and Oil & Grease are out of the standard limit of Ministry of Industry (2560 B.E.).

Sangdeuan Panpoon

Environmental Supervisor



Surachart Kon Ngan

Registered Laboratory Manager

Bangkadi Industrial Park Co., Ltd