Permit No. 5261

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit.

AIR

CONTAMINANTS DATA

Emission <u>Point No. (1)</u>	Source Name (2)	Air Contaminant Name (3)	Emissio lb/hr	on Rates TPY
	PHAS	SE 1		
0-03	Waste Solvent Tank	VOC non-VOC	<0.01 <0.01	0.01 <0.01
0-05	Technical Building Diesel Tank	VOC	<0.01	<0.01
0-06	Site Diesel Tank	VOC	<0.01	0.02
0-07	Site Gasoline Tank	VOC	0.02	0.09
0-09	West Building Hydro 0.01 Tank	ochloric	Acid	<0.01
1-03, 1-05, 1-11, 1-14, 1-15, 1-17, and 1-21	East Building Gene Exhaust Stacks	ral VOC non-VOC	3.84 0.20	16.82 0.88
1-09, 1-12, 1-13, 1-16, 1-18, and 1-19	East Building Scrul Exhaust	obed Acid Inorganic Gas VOC non-VOC PM NO _x	1.40 0.10 0.23 0.71 0.27 1.17	6.11 0.44 1.00 3.10 1.15 5.08
1-31	East Building Boil	er PM VOC SO ₂ NO _x CO	0.02 0.02 <0.01 0.23 0.05	0.05 0.06 0.01 0.99 0.20

Emission (1)		Air Contaminan		
Point No. (1)	Name (2)	Name (3)	lb/hrTP\	<u>{</u>
1-32	East Building Boiler		0.02	0.05
		V0C	0.02	0.06
		SO_2	<0.01	0.01
		NO_x	0.23	1.00
		CO	0.05	0.20
1-51	East Building Therma	.1 PM	0.03	0.12
	Oxidizer Combustio		0.02	0.07
	Emissions	SO_2	<0.01	0.02
		NO_x	0.75	3.26
		CO	0.19	0.82
1-51	East Building Therma	.1 VOC	4.69	20.53
1 31	Oxidizer Stack	non-VOC	0.14	0.59
	OXIGIZET SCACK	Horr-voc	0.14	0.39
1-51A	East Building Therma	.1 VOC	47.43	7.97
	Oxidizer Bypass St 0.23	ack	non-VOC	1.36
4 02		DM	0.01	0.00
4-02	West Building Boiler		0.01	0.03
		VOC	<0.01	0.02
		SO ₂	<0.01	<0.01
		NO _x	0.20	0.84
		CO	0.05	0.21
4-03	West Building Boiler	PM	0.01	0.05
		VOC	0.01	0.03
		SO_2	<0.01	0.01
		NO_x	0.28	1.19
		CO	0.07	0.30
5-05	Materials Building B	oiler	PM	0.02
		VOC	0.02	0.08

Emission	Source	Air Contaminant	<u>Emissic</u>	on Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTF	ΡΥ
		SO_2	<0.01	0.01
		NO_{x}	0.32	1.38
		CO	0.07	0.28

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emissio</u> 1b/hrTl	on Rates PY		
PHASE 2						
0-03	Waste Solvent Tank	VOC non-VOC	<0.01 <0.01	0.01 <0.01		
0-05	Technical Building Diesel Tank	VOC	<0.01	<0.01		
0-06	Site Diesel Tank	VOC	<0.01	0.02		
0-07	Site Gasoline Tank	VOC	0.02	0.09		
0-09	West Building Hydroch ⁻ Tank	loricAcid	<0.01	0.01		
1-03, 1-05, 1-11, 1-14, 1-15, 1-17, and 1-21	East Building General Exhaust Stacks	VOC non-VOC	3.84 0.20	16.82 0.88		
1-19	Acid Scrubbed Exhaust	StackAcid Inorganic Gas VOC non-VOC PM NO _x 1.17	1.40 0.10 0.23 0.71 0.27 5.08	6.11 0.44 1.00 3.10 1.15		
1-31	East Building Boiler	PM VOC SO_2 $NO_xO.23$ CO	0.02 0.02 <0.01 0.99 0.05	0.05 0.06 0.01 0.20		

Emission	nission Source Air Contamina		nt <u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
1-32	East Building Boiler	PM	0.02	0.05
		VOC	0.02	0.06
		SO_2	<0.01	0.01
		NO_x	0.23	1.00
		CO	0.05	0.20
1-51	East Building Therma	1 PM	0.03	0.12
	Oxidizer Combustion		0.02	0.07
	Emissions	SO ₂	<0.01	0.02
		NO _x	0.75	3.26
		CO	0.19	0.82
1-51	East Building Therma	1 VOC	4.69	20.53
1 31	Oxidizer Stack	non-VOC	0.14	0.59
	OXTATZET SEACK	11011 100	0.1.	0.33
1-51A	East Building Therma	1 VOC	47.43	7.97
Oxidizer Bypass Sta 0.23		ack	non-VOC	1.36
4-02	West Building Boiler	PM	0.01	0.03
		VOC	<0.01	0.02
		SO ₂		<0.01
		NO_x	0.20	0.84
		CO	0.05	0.21
4-03	West Building Boiler	PM	0.01	0.05
		VOC	0.01	0.03
		SO_2	<0.01	0.01
		NO_x	0.28	1.19
		CO	0.07	0.30
5-05	Materials Building Bo	oiler	PM	0.02
	0.07	VOC	0.02	0.08

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emissio</u> lb/hrTP	
		SO_2 NO_x CO	<0.01 0.32 0.07	0.01 1.38 0.28
		PHASE 3		
0-03	Waste Solvent Tank	VOC non-VOC	<0.01 <0.01	0.01 <0.01
0-05	Technical Building Diesel Tank	VOC	<0.01	<0.01
0-06	Site Diesel Tank	VOC	<0.01	0.02
0-07	Site Gasoline Tank	VOC	0.02	0.09
0-09	West Building Hydro 0.01 Tank	chloric	Acid	<0.01
1-03, 1-05, 1-11, 1-14, 1-15, 1-17, and 1-21	East Building General Exhaust Stacks	al VOC non-VOC	3.84 0.20	16.82 0.88
1-19	Acid Scrubbed Exhau Stack	st Acid Inorganic Gas VOC non-VOC PM NO _x	1.40 0.10 0.23 0.71 0.27 1.17	6.11 0.44 1.00 3.10 1.15 5.08
1-20	Caustic Scrubbed Ex 3.28 Stack	haust Ca	austic	0.75

Emission	Source	Air Contaminant	<u>Emissior</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTP	<u>/</u>
1-31	East Building Boile	r PM	0.02	0.05
	-	VOC	0.02	0.06
		SO ₂	<0.01	0.01
		NO_{x}	0.23	0.99
		CO	0.05	0.20

Emission	Source	Air Contaminan	t <u>Emissior</u>	n Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	<u>/</u>
1-32	East Duilding Poiler	· PM	0.02	0.05
1-32	East Building Boiler	VOC	0.02	0.06
		SO ₂	<0.02	0.00
		NO _x	0.23	1.00
		CO	0.05	0.20
		CO	0.05	0.20
1-51	East Building Therma	al PM	0.03	0.12
	Oxidizer Combustio	on VOC	0.02	0.07
	Emissions	SO_2	<0.01	0.02
		NO_x	0.75	3.26
		CO	0.19	0.82
1-51	East Building Therma			20.53
	Oxidizer Stack	non-VOC	0.14	0.59
1-51A	Fact Duilding Thorms	al VOC	47.43	7.97
I-31A	East Building Therma Oxidizer Bypass St		non-VOC	1.36
	0.23	Lack	HOH-VOC	1.50
	0.23			
4-02	West Building Boiler	⁻ PM	0.01	0.03
	_	VOC	<0.01	0.02
		SO_2	<0.01	<0.01
		NO_x	0.20	0.84
		CO	0.05	0.21
4-03	West Building Boiler		0.01	0.05
		VOC	0.01	0.03
		SO_2	<0.01	0.01
		NO_x	0.28	1.19
		CO	0.07	0.30
5-05	Materials Building E	Boiler	PM	0.02
	3.37	VOC	0.02	0.08
		SO ₂	<0.01	0.01
		3 02	~0.0 ±	0.01

Emission	Source	Air Contaminant	<u>Emissio</u>	n Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTP	Υ
		NO_{x}	0.32	1.38
		CO	0.07	0.28

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Emission	on Rates PY
		PHASE 4		
0-03	Waste Solvent Tank	VOC non-VOC	<0.01 <0.01	0.01 <0.01
0-05	Technical Building Diesel Tank	VOC	<0.01	<0.01
0-06	Site Diesel Tank	VOC	<0.01	0.02
0-07	Site Gasoline Tank	VOC	0.02	0.09
0-09	West Building Hydrod 0.01 Tank	chloric	Acid	<0.01
1-19	Acid Scrubbed Exhaus	st Stack	Acid	1.40
		Inorganic Gas VOC non-VOC PM NO _x	0.10 0.23 0.71 0.27 1.17	0.44 1.00 3.10 1.15 5.08
1-20	Caustic Scrubbed Ext 3.28 Stack	naust Ca	ustic	0.75
1-21	East Building Genera Exhaust Stack	al VOC non-VOC	3.84 0.20	16.82 0.88
1-31	East Building Boile	r PM VOC SO ₂ NO _x	0.02 0.02 <0.01 0.23	0.05 0.06 0.01 0.99

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission	Source	Air Contaminant	<u>Emissic</u>	on Rates	
Point No. (1)	Name (2)	Name (3)	lb/hrTF	ΡΥ	
		CO	0.05	0.20	

Emission Point No. (1)	Source Name (2)	Air Contaminan Name (3)	it <u>Emission</u> lb/hrTPY	
1-32	East Building Boiler	PM VOC SO ₂ NO _x CO	0.02 0.02 <0.01 0.23 0.05	0.05 0.06 0.01 1.00 0.20
1-51	East Building Therma Oxidizer Combustic Emissions		0.03 0.02 <0.01 0.75 0.19	0.12 0.07 0.02 3.26 0.82
1-51	East Building Therma Oxidizer Combustic Emissions		0.03 0.02 <0.01 0.75 0.19	0.12 0.07 0.02 3.26 0.82
1-51	East Building Therma Oxidizer Stack	al VOC non-VOC	4.69 0.14	20.53 0.59
1-51A	East Building Therma Oxidizer Bypass St 0.23		47.43 non-VOC	7.97 1.36
4-02	West Building Boiler	PM VOC SO ₂ NO _x CO	0.01 <0.01 <0.01 0.20 0.05	0.03 0.02 <0.01 0.84 0.21
4-03	West Building Boiler	PM VOC SO ₂ NO _x	0.01 0.01 <0.01 0.28	0.05 0.03 0.01 1.19

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission	Source	Air Contaminant	Emission Rates		
Point No. (1)	Name (2)	Name (3)	lb/hrTPY		
		CO	0.07	0.30	

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Rates		
Point No. (1)	Name (2)	Name (3)	lb/hrTPY		
5-05	Materials Building Boiler 0.07		PM	0.02	
		VOC	0.02	0.08	
		SO ₂	<0.01	0.01	
		NO_{\times}	0.32	1.38	
		CO	0.07	0.28	

- (1) Emission point identification
- (2) Specific point source name.
- (3) PM particulate matter VOC volatile organic compounds as defined in General Rule 101.1

non-VOC - non-volatile organic compounds

 NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide CO - carbon monoxide

Dated____