

Stack Parameters

Permit Number	Permit Vent ID	Reg 29 Unit ID	Reg 29 Vent ID	Zor UTM-E
1823A	T7IME	TIM	662	442025
815D	T6FCE	TIE&TIF	644	442084
815D	T6IZCE	TIE&TIF	699	442091
1353A	164-5E	THI	652	441920
Pre-Existing	164-2E	THG	658	441923
614A	163-E-26	CDT	231	441952
614A	163-E-11	CDW	232	441953
781	163-E-33	CDB	216	441960
1953	242	CFH	242	441954
2365A	C1FSE	CFS	274	441787
Semiworks Application	RO22BEF6			442086
Semiworks Application	RO22BEF86			442069
Semiworks Application	RO22BEF87			442058
Semiworks Application	RO22BEF89			442063

*Vent ID T6IZCE consists of 18 one-foot diameter vents. The flow rate given is the total for all 18 vents.

*The velocity listed is the velocity calculated for one individual vent.

1e 17	Stack Height	Stack Diameter	Stack Flow	Stack Velocity	Stack Temperature				
UTM-N	(ft) (m)	(ft) (m)	(ft ³ /min)	(ft/s) (m/s)	(F) (K)				
4346847	150	45.7	1.33	0.405	3,349	40.2	12.2	172	350.9
4346835	59	18.0	1.5	0.457	18,000	169.8	51.8	111	317.0
4346836	63	19.2	18 -1 ft	0.305	18000*	21.2 ^b	6.5	111	317.0
4346767	70	21.3	1.96	0.398	9,800	54.1	16.5	200	366.5
4346756	68	20.7	1.63	0.497	2,800	22.4	6.8	300	422.0
4346776	93	28.4	0.67	0.204	500	23.6	7.2	130	327.6
4346766	81	24.7	0.67	0.204	600	28.4	8.6	130	327.6
4346788	60	18.3	1.3	0.396	2,750	34.5	10.5	158	343.2
4346741	114.5	34.9	0.5	0.152	1,250	106.1	32.3	200	366.5
4346744	110	33.5	0.69	0.210	1,000	44.6	13.6	255	397.0
4346624	47	14.3	2.5	0.762	8836	30.0	9.1	80	299.8
4346627	49	14.9	2.0	0.610	7540	40.0	12.2	80	299.8
4346634	49	14.9	2.0	0.610	1885	10.0	3.0	80	299.8
4346635	49	14.9	2.0	0.610	3770	20.0	6.1	80	299.8

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Emission Information

Permit Number	Permit Vent ID	Reg 29 Unit ID	Reg 29 Vent ID	Permitted Allowable Emission Rate as Total PM or VOC (lb/yr)	C8 Portion of Permitted Allowable Emission Rate (lb/yr)
1823A	T71MAE	T7M	662	725	23
815D	T61FOE	T7E&T7F	644	51,837	51,837
815D	T617/CR	T7E&T7F	699	11,333	11,333
1353A	164-5E	THI	652	3,504	73
Pre-Existing	164-2E	THG	658	NA	121*
614A	163-E-26	CDT	231	14,880	14,400
614A	163-E-11	CDW	232	14,880	14,400
781	163-E-33	CDB	216	32,412	289
1953	242	CFH	242	22,462	21,878
2365A	C1FSE	CFS	274	7,000	7,000
Semiworks Application	RO22EER6			40	40
Semiworks Application	RO22EER86			0.9	0.9
Semiworks Application	RO22EER87			10	10
Semiworks Application	RO22EER89			2	2

*This is the declared potential-to-emit for this emission point.

Year 2000 Actual C8 Emissions (lb/yr)	C8 Particulate Mass Fraction	C8 Vapor Mass Fraction
0		
13,977		
0		
33		
79		
3,541		
4,680		
0		
3,510		
5,414		
12		
0.3		
3		
0.6		

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