

Current	Permit Application/P DF #	Permit Vent ID	Reg 29 Unit ID	Reg 29 Vent ID
1823A	1823A	T7IME	TIF	662
815D	815D	T6IFCE	TIF	647
815D	815D	T6IZCE	TIZ	699
1353A	1353A	164-SE	THJ	652
Pre-Existing	Pre-Existing	164-2S	THG	658
614A	614A	153-E-26	CDT	231
614A	614A	153-E-11	CDW	232
781	781	153-E-33	CDB	216
1953	1953	242	CEH	242
2365A	2365A	C1FSE	CFS	274

Note: For some vents the surfactant rate is less than the total particulate reported in Air Emissions Inventory which can include polymer dust.
 Note: If emissions are sent to T6IZCE then emissions from T6IFCE are reduced.

RESEARCH AREA	RO22EEF6
Semiworks Applic	RO22EEF86
Semiworks Applic	RO22EEF87
Semiworks Applic	RO22EEF89

Zone 17		Stack Diameter ft	Stack Height ft	Stack Flow ACFM	Stack Velocity ft/sec	Stack Temp F	2000		Permitted Allowable Emissions lb/yr	Permitted Allowable Emissions lb/hr	C-8 Fraction of PM %
UTM-E	UTM-N						Est Actual	Emissions			
442025	4346847	1.33	150	3,349	40.2	172	0	14,308	51,837	0.0096	3.18%
442024	4346835	1.5	59	18,000	169.8	111	0	11,333	11,333	2.3	100%
442031	4346836	18-1 ft dia.	63	18,000	21.2	111	0	275	594	0.068	16.9%
441920	4346767	1.96	70	9,800	53.9	200	275	137	445	0.062	16.9%
441923	4346756	1.63	66	2,800	22.4	300	137	2,280	14,400	1.8	96.8%
441939	4346773	0.98	85	500	11.0	130	2,310	0	289	0.033	97.4%
441940	4346772	2.49	80	600	2.0	130	0	729	21,878	3.00	87.4%
441960	4346788	1.3	60	2,750	34.5	158	0	2,107	6,703	1.12	77.2%
441964	4346741	0.67	70	1,250	59.1	200	0	0	0	0	0
441787	4346744	0.69	110	1,000	44.6	255	0	0	0	0	0

		Stack Diameter ft	Stack Height ft	Stack Flow ACFM	Stack Velocity ft/sec	Stack Temp F	Est.		Permitted Allowable Emissions lb/yr	Permitted Allowable Emissions lb/hr	C-8 Fraction of PM %
UTM-E	UTM-N						Actual	Proposed			
442086	4346824	2.5	47	8836		80	12	40			
442089	4346827	2	49	7540		80	0.3	0.9			
442058	4346834	2	49	1865		80	3	10			
442063	4346835	2	49	3770		80	0.6	2			

(30% of
proposed)