

Current		Permit		Reg 29		Reg 29	
Permit/Application/PDF #		Vent ID		Unit ID		Vent ID	
1823A	T/ME	T/ME	T/ME	T/ME	T/ME	662	662
815D	T/IFCE	T/IFCE	T/IF	T/IF	T/IF	647	647
815D	T/IZCE	T/IZCE	T/IZ	T/IZ	T/IZ	699	699
1353A	164-SE	164-SE	THJ	THJ	THJ	652	652
Pre-Existing	164-2S	164-2S	THG	THG	THG	658	658
614A	163-E-26	163-E-26	CDT	CDT	CDT	231	231
614A	163-E-11	163-E-11	CDW	CDW	CDW	232	232
781	163-E-33	163-E-33	CDB	CDB	CDB	216	216
1953	242	242	CEH	CEH	CEH	242	242
2365A	C1FSE	C1FSE	CFS	CFS	CFS	274	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

Semiworks Applic	RO22EEF8
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 lb/yr	Est Actual Emissions lb/yr			
442025	4346847	1.33	150	3,349	40.2	172	0	0	23	0.0096	3.16%
442084	4346835	1.5	59	16,000	169.8	111	13,977	51,837	11.5	1.5	100%
442091	4346836	18-1 ft dia.	83	16,000	21.2	111	0	11,333	2.3	2.3	100%
441920	4346767	1.96	70	9,800	53.9	200	275	594	0.068	16.9%	16.9%
441923	4346756	1.63	68	2,800	22.4	300	137	445	0.062	16.9%	16.9%
441952	4346776	0.67	93	500	23.9	130	3,541	14,400	1.8	1.8	96.8%
441953	4346766	0.67	81	600	28.6	130	4,680	14,400	1.8	1.8	96.8%
441960	4346788	1.3	80	2,750	34.5	158	0	289	0.033	0.89%	0.89%
441954	4346741	0.5	114.5	1,250	106.1	200	3,510	21,678	3.00	3.00	97.4%
441787	4346744	0.69	110	1,000	44.6	255	5,414	6,703	1.12	1.12	77.2%

		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 lb/yr	Proposed lb/yr			
442086	4346624	2.5	47	8836		80	12	40			
442069	4346627	2	49	7540		80	0.3	0.9			
442058	4346834	2	49	1885		80	3	10			
442063	4346635	2	49	3770		80	0.6	2			

(30% of
proposed)