

STATUS SUMMARY FOR OTC CONTROL MEASURES ANALYSIS					OTR Wide			Control Measure Option	OTR Wide			TPD
as of 1/24/06 TCK					2009 Base Case Emissions (TPY) (Includes growth & reductions from OTB/OTW)				Reductions by 2009 (TPY)			
Sector	Category	OTC Workgroup	Lead Agency	Point of Contact	VOC	NOx	SO2		VOC	NOx	SO2	
Area	Asphalt Paving	RACT	Delaware	Frank Gao	22,482	-	-	Cutback-For exemption 4% VOC limit Emulsified-For exemption 20% VOC limit & 4 states adopt ban in OS	4,670	-	-	12.82
*	AIM Coatings- <i>Gene's educated guess of reductions</i>	AIM	Delaware	Gene Pettingill	100,907	-	-	Reductions in 13 categories of coatings to match SCAQMD Rule 1113	18,000	-	-	49.42
*	Commercial/Consumer Products	CMWG	Delaware	Gene Pettingill	199,153	-	-	Adopt the CARB 7/20/05 amendments which set new or revised limits on 13 CP categories Ed guess based on LADCO work-12.5% reduction beyond OTC model rule	26,851	-	-	73.72
	Autorefinish Coatings	RACT	Massachusetts		21,509	-	-	Either implement BAAQMD or SCAQMD reductions ??? Ed based reduction guess on implementing SCAQMD 1151	15,487	-	-	42.52
	Stage 1 Gasoline Distribution	Clean Corridors	NESCAUM	Lisa Recter	30,104							
	POTWs -problem with NY's #s; they believe 8,000 not 80,000	RACT	New York	Ed Pellegrini	12,955	-	-	Expand NESHAP requirements to all POTW-covers on all primary treatment processes up to the secondary treatment chamber with emissions routed to a carbon adsorption or other device with can achieve 85% or greater control	11,000	-	-	30.20
	Adhesives - <i>emissions guesses &amp; reductions assembled by George; Yr??</i>	RACT	New Jersey	George Fekete	43,211	-	-	Limit VOC content of solvent based adhesives based on CARB 1998 RACT	27,847	-	-	76.45
	Residential Fuel Oil	CMWG	NESCAUM	Art Marin	-	65,087	176,742	Limit S content of home heating oil to 500ppm by 2009	-	6,509	132,557	NOx-17.83 SOx-363.17
*	Portable Fuel Containers	CMWG	Delaware	Gene Pettingill	54,000	-	-	Ed reduction guess based on implementing CARB spillage improvements and other CARB amendments	13,140	-	-	36.07
Point	Asphalt Production Plants	RACT	New York	Mike Jennings	-	804	818	NOx-Require low NOx burners and flue gas recirculation; SOx-require use of 500ppm S in fuel	-	500	500	
	Cement Kilns - PA,ME,MD,NY	RACT	Pennsylvania	Terry Black	-	28,470	43,501	Limit emission rate to 2.0 pounds per ton of clinker (consistent with emission reductions from SCR); no trading between facilities; averaging at a facility ok However, no facility in the US has SCR, SNCR is possible=>reductions based on SNCR	-	7,118	-	19.54

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	Lime Kilns - PA,ME,NY	RACT	Pennsylvania	Terry Black	-	5,227	5,380	Require combustion modification & SNCR	-	3,136	-	8.61	
	Glass/Fiberglass Furnaces	RACT	Pennsylvania/New Jersey	Terry Black/Max Friedman	-	22,990	-	Require implementation of an oxyfiring program at next rebuild; from 2009 to completion of rebuild require purchase of NOx allowances=85% of actual emissions in OS	-	18,392	-	50.49	
	Municipal Waste Combustion	RACT	Connecticut/New Jersey	Merrily Gere/Sunila Agrawal	-	26,139	-	Not recommended as regional measure; only affects 7 states; EPA has proposed new MWC rule which will ~ CT rule and get reductions by 2009	-	3,610	-	9.91	
	Petroleum Refineries - NJ,PA,DE	RACT	MARAMA	Serpil Kayin	-	-	-	Enhances LDAR; flare minimization; low NOx burners; eliminate fuel oil burning	1,715	7,582	10,704		
	Metals Productions	RACT	New York/Pennsylvania	Mike Jennings/Terry Black	-	11,910	15,723	Furnaces	-	-	-		
	EGU's	Multi-P	Maryland	Tad Aburn	-	219,523	519,620	Two step: 1) by 2009 NOx-0.12lbs/mmBtu, SO2-0.24lbs/mmBtu; 2) by 2012 NOx-0.08lbs/mmBtu, SO2-0.14lbs/mmBtu	-	31,316	146,294	NOx- 85.80 SOx- 400.80	
	Peaking Units	RACT	New Jersey	Yogesh Doshi	-	-	-	Apply to: units running <500 hrs/yr & <10hrs/day, i.e. turbines; Require water injection on all peaking units & replace all existing units with DLN technology	-	-	-		
Point/Area	Degreasing	RACT	Rhode Island	Barbara Morin	66,966	-	-	Appears to be nothing beyond OTC model rule	-	-	-		
	Printing and Graphic Arts	RACT	Massachusetts	Eileen Hiney	37,078	-	-		-	-	-		
	Industrial Surface Coating	RACT	New Hampshire	Andy Bodnarik	164,443	-	-	More stringent RACT (2.9lbs VOC/gal); lower applicability thresholds & extend geographic coverage	-	-	-		
*	ICI Boilers	RACT (w/Multi-p)	New York	Ed Pellegrini/Mike Jennings	-	185,614	298,215	Ed reduction guess based on SO2 and NOx controls fro >100mmBtu/hr boilers	-	39,831	121,173		
Mobile	Chip Reflash-63TPD reduction by 2009?	Clean Corridors	NESCAUM	Coralee Cooper	-	-	-	Mandatory chip reflash in OTR for in-state registered vehicles	-	22,959	-		

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	CA Diesel Fuel	Clean Corridors	NESCAUM	Coralee Cooper				Determine the amount of incremental NOx, SO2 and PM reductions available in the OTR, given the EPA rule implementation dates, and decide if this measure is feasible.					
*	Diesel Retrofit	Clean Corridors	NESCAUM	Eric Skelton				Continue to follow the efforts of the Northeast and Mid-Atlantic Collaborative voluntary programs, with an effort to determine how to include the emission reductions achieved through those voluntary efforts in the SIP. Ed reduction guess based on 5% penetration of voluntary program OTR wide.				18,250	
*	Regional Fuels-NOx:3.4TPSD; VOC:123TPSD; by 2009?	Clean Corridors	NESCAUM	Arthur Marin				OTR wide RFG			44,895	1,241	

\* = Priority focus of State Collaborative (portable fuel containers considered part of consumer products, EGU's to be addressed at 2/2-3/06 meeting)