SOLVAY MINERALS CT-1347 POINT SOURCE SPECIFICATIONS

2/15/2002

SOURCE DESCRIPTION	PROCESS RATE	CONTROL EQUIPMENT	DESIGN AIRFLOW ACFM DSCFM	COLLECTING AREA ft^2	AIR/CLOTH RATIO	STACK HEIGHT DIAMETER ft.	EXHAUST GAS VELOCITY ft/sec TEMP F^o	PERMITTED EMISSION RATE
"D" Train Primary Crushing and Screening Baghouse BF-131 AQD #76	1000	Sly STJ-3517-10 Fabric Filter	48,000 37,850	7,021	6.8:1	110' 4.5'	50 ft/sec 68°	2.45 PPH PM_{10}
Ore Transfer Point Baghouse BF-132 AQD #79	1000	Sly STJ-2115-10 Fabric Filter	12,500 9,850	3,717	3.4:1	68' 2.08' x 1.75' Rectangular Duct	57 ft/sec 68°	0.84 PPH PM_{10}
"D" Ore Calciner Precipitator EP-7 AQD #80	275 tph	FLS Model: IEM 300/300/400 ../2* 40+40*50 2*8400/2B/2C/T6S	264,000 95,300	249,553	NA	180' 10.5'	51 ft/sec 305°	12.25 PPH PM_{10} 20.0 PPH NOx 0.0 PPH SO_2
"D" Train Dryer Area Baghouse BF-137 AQD #81	161 tph	Sly STJ-1315-10 Fabric Filter	10,000 5,800	2,301	4.3:1	120' 1.67'	76 ft/sec 250°	0.50 PPH PM_{10}
DR-6 Product Dryer EP-8 Precipitator AQD #82	161 tph	FLS Model: 1E300/300/400 ../2* 35+4*45	130,000 40,200	123,571	NA	180' 8'	43 ft/sec 298°	3.45 PPH PM_{10} 30.0 PPH NOx 0.0 PPH SO_2