

APPENDIX B

EXCEL Spreadsheet of Eastern Terminals PTE Calculations

FIGURE 1 - EMISSION TRACKING

MAXIMUM PHOSPHATE MATERIAL ALLOWED

Million Tons : 5.6

2500 is the permitted transfer rate
pounds per hour

dry standard cubic feet per minute
grains per dry standard cubic feet

0.02 is based upon undustry standards; 0.01 is based upon actual testing at Eastern
permitted

ID NO.	BAGHOUSE	DSCFM	gr/DSCF	PPH	LB/TON	TONS	TPY	HOURS
001	"H"	46,800	0.02	8.02	0.003209	5600000	8.99	2240
002	SOUTH	270	0.02	0.05	0.000027	5600000	0.08	3294
003	"A"	154,670	0.01	13.26	0.007798	5600000	21.84	3294
004	"B"	9,563	0.02	1.64	0.000964	5600000	2.70	3294
006	"D"	4,050	0.03	1.04	0.000417	5600000	1.17	2240
009	"G"	4,050	0.03	1.04	0.000417	5600000	1.17	2240
011	S.E. (I)	77,818	0.01	6.67	0.003924	5600000	10.99	3294
012	S.W. (II)	78,329	0.01	6.71	0.003949	5600000	11.06	3294
013	N.W. (III)	78,667	0.01	6.74	0.003966	5600000	11.11	3294
014	N.E. (IV)	73,205	0.01	6.27	0.003691	5600000	10.33	3294
				51.45	0.028363		79.42	

million tons per year

ID NO.	TRANSFER PT.	FACTOR ROCK LB/TON	ROCK MMTPY	PM TPY	FACTOR DAP LB/TON	DAP MMTPY	DAP TPY	BAGHOUSE TPY	TOTAL TPY
001	SHIPHOLD	0.01	2	10	0.0027	3.6	4.86	8.99	23.85
002	ELEVATOR	4.95E-09	2	4.95E-06	1.804E-11	3.6	0	0.08	0.08
003	RAILCAR DUMP	0.01	2	10	0.0027	3.6	4.86	21.84	36.70
004	BELTS #7 TO #8/9	0.01	2	10	0.0027	3.6	9.72	2.70	22.42
006	BELTS #9 TO #4	0.01	2	10	0.00135	3.6	2.43	1.17	13.60
009	BELTS #5 TO #6	0.01	2	10	0.0027	3.6	4.86	1.17	16.03
011	S.E. STORAGE	0.0025	2	2.5	0.00015	3.6	0.27	10.99	13.76
012	S.W. STORAGE	0.0025	2	2.5	0.00015	3.6	0.27	11.06	13.83
013	N.W. STORAGE	0.0025	2	2.5	0.00015	3.6	0.27	11.11	13.88
014	N.E. STORAGE	0.0025	2	2.5	0.00015	3.6	0.27	10.33	13.10
	TOTAL			60			27.81	79.42	167.23