12-31-06
12.3.8v.9

SEATTLE PLANT

12/31/06

	RECEIVED / PRODUCED DAY	RECEIVED / PRODUCED MONTH	RECEIVED / PRODUCED YEAR	USED / SHIPPED DAY	USED / SHIPPED MONTH	USED / SHIPPED YEAR	INVENTORY
RAW MATERIALS							
LIMESTONE		67,026	816,335	3,351	58,001	788,971	30,582
LIME FINES		0	7,532	0	0	7,532	0
BOTTOM ASH		1,293	25,586	139	1,343	25,600	221
CASTLE ROCK CLAY		0	1,061	0	0	1,061	0
PORT HARDY SILICA		10,141	129,112	(834)	5,636	122,948	10,560
ERI (RECYCLED)		5,407	67,305	207	5,249	67,864	1,138
JHBP CHIPS		1,220	8,322	1,220	1,220	8,322	0
COMINCO SLAG		638	4,318	49	722	4,178	395
HECKET SLAG		747	20,246	49	831	20,614	395
HECKET MILL SCALE		0	6,358	0	0	6,358	0
KLEEN BLAST SLAG		35	1,412	35	35	1,412	0
HYDRATED LIME		0	0	0	0	43	22
RAW MATERIAL SALES							
3/4" LIMESTONE SALES		11,915	93,023		3,039	85,859	14,809
BLAST FURNACE SLAG		(596)	(596)	0	0	0	0
KILN FEED							
TYPE I/II	4,068	70,480	1,017,980	2,678	69,200	1,019,731	3,684
FUELS (TONS)							
GAS (Tons)				0	153	700	
COAL (Tons)	0	9,234	83,771	272	5,427	82,016	9,019
TDF (Tons)				0	242	6,070	0
TDF Weight Percent				0.0%	4.2%	6.8%	
FUELS (NET HEAT VALS)	Fuel Usage Rate			Fuel Usage (MMBTU)			
GAS (MMBTU Net)	0.0%	5.6%	1.6%	2	6,702	30,662	
COAL (MMBTU Net)	100.0%	89.1%	89.8%	5,287	107,507	1,706,419	
TDF (MMBTU Net)	0.0%	5.4%	8.6%	0	6,516	163,149	
TOTAL (MMBTU Net)				5,289	120,725	1,900,229	
MMBTU/Ton				3.00	2.85	2.84	
CLINKER							
PRODUCTION	1,762	42,311	670,863	1,119	45,414	685,809	3,148
SALES / RECEIVALS	0	0	0	0	0	4,242	
CEMENT ADDITIVES							
LIMESTONE				15	487	18,944	
GYPSUM	0	4,843	43,167	55	2,693	37,096	8,865
GRINDING AID (Lbs)	0	44,885	483,343	896	31,280	483,522	48,977
CEMENT							
TYPE I-II	1,189	48,653	711,102	0	40,992	701,796	41,003
TYPE III	0	0	30,157	0	1,332	28,647	2,296
TYPE CG	0	(59)	591	0	0	591	0
TOTAL PRODUCED	1,189	48,594	741,849	0	42,323	731,034	
TOTAL RECEIVED	0	0	0	0	0	0	
GRAND TOTAL	1,189	48,594	741,849	0	42,323	731,034	43,299

CHEMICAL ANALYSIS

Dec-06	Raw Mix	Clinker
TYPE	I	I
SIO2	15.41	23.21
Al2O3	2.39	3.33
Fe2O3	2.02	3.29
CaO	42.44	66.69
MgO	0.53	1.11
SO3	0.32	0.38
LOI	33.94	0.43
Na2O	0.21	0.44
K2O	0.18	0.20
TOTAL	97.43	99.08
FREE CaO		1.73
TOTAL ALK.	0.32	0.57
C3S	54.12	66.83
C2S	26.13	16.21
C3A	4.42	3.25
C4AF	9.28	10.01

CEMENT Dec-06	Mill #1	Mill #2
TYPE:	I	I
SIO2	21.85	21.68
Al2O3	3.14	3.01
Fe2O3	3.25	3.21
CaO	65.09	65.10
MgO	1.00	0.96
SO3	2.67	2.63
LOI	1.84	1.67
Na2O	0.39	0.39
K2O	0.19	0.18
TOTAL	99.42	98.83
INSOL	0.13	0.13
FREE CaO	1.25	1.31
TOTAL ALK.	0.51	0.51
C3S	62.60	65.35
C2S	15.48	12.93
C3A	2.83	2.56
C4AF	9.86	9.75
NC	23.6	24.3
VICAT - I	118	114
VICAT - F	224	214
BLAINE	399	398
45 uM	95.65	94.92
30 uM	90.29	90.66
FALSE SET	84	86
PACK SET	6	6
REFLECT.	65.1	65.4

DAYS SINCE LAST L.T.I. 644

EQUIPMENT DATA	RUN TIME DAY	RUN TIME MONTH	RUN TIME YEAR	PRODUCTION RATE DAY	PRODUCTION RATE MONTH	PRODUCTION RATE YEAR	REASON FOR DOWNTIME
RAW MILL (TPH)	23.5	359.0	5689.5	173.3	196.4	178.9	Vibration
KILN (TPD)	24.0	498.1	6970.3	1761.9	2038.7	2309.9	
#1 FINISH MILL (TPH)	0.0	467.0	6987.8	0.0	50.4	55.3	Low Clinker Inventory
#2 FINISH MILL (TPH)	24.0	504.9	7112.2	49.6	49.6	50.0	

EQUIP. / HIGH LEVEL UTILIZATION	EQUIPMENT UTILIZATION DAY	EQUIPMENT UTILIZATION MONTH	EQUIPMENT UTILIZATION YEAR	HIGH LEVEL CONTROL UTIL. DAY	HIGH LEVEL CONTROL UTIL. MONTH	HIGH LEVEL CONTROL UTIL. YEAR
KILN / FUZZY	100.0%	66.9%	79.8%	0.00%	49.32%	56.44%
#1 FINISH MILL / INSITEC	0.0%	62.8%	79.8%	0.00%	60.29%	16.87%
#2 FINISH MILL / INSITEC	100.0%	67.9%	81.2%	0.00%	10.11%	3.49%

ENVIRONMENTAL DATA	TONS DAY	TONS MONTH	TONS YEAR	LBS/TON OF CLINKER DAY	LBS/TON OF CLINKER MONTH	LBS/TON OF CLINKER YEAR	YEAR LIMIT TONS	% OF LIMIT	CLINK PROD % OF BUDG.	% OF YEAR PASSED
SO2	0.00	2.60	40.9	0.00	0.12	0.12	176.0	23.21%	93.18%	100.00%
NOX	4.47	91.37	1,219.2	5.08	4.32	3.63	1,846.0	66.04%		
CO	1.74	51.31	1,215.7	1.98	2.43	3.62	2,353.0	51.67%		

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