

~~Production of cement~~
JAN 2008 - SEP 2011

Highest monthly cement production = 104793 tons

$$104793 \text{ tons} / 30 \text{ days} = 3493 \text{ tons/day}$$

TSS limit calculation

$$3493 \text{ tons/day} \times 2000 \text{ lb/ton} \times 0.005 \text{ lb/1000 lb} = 34.93 \text{ lb/day}$$

Apr 2011 mass = 78 lb/day

Mar 2010 mass = 9 lb/day

DEC 2009 mass = 51 lb/day

$$5300 \text{ tons/day} \times 2000 \text{ lb/ton} \times 0.005 \text{ lb/1000 lb} = 53 \text{ lb/day}$$

Flow	001	bucket and stopwatch	calculated
	002	Cross sectional area and velocity	calculated
	003	rectangular weir	instantaneous

**Ash Grove Cement - Foreman
Clinker & Cement Production**

Foreman Monthly Clinker Produced

<u>YEAR</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TTL</u>
2008	74,628	69,706	84,855	73,539	74,715	78,249	84,705	70,717	76,742	75,691	73,499	74,115	911,161
2009	62,911	71,513	79,317	67,579	61,947	69,466	85,564	79,683	65,558	79,274	68,154	66,002	856,968
2010	70,084	39,532	28,779	68,884	90,519	110,478	120,611	32,073	111,821	102,316	68,841	-1,068	842,870
2011	63,360	99,795	75,680	113,563	47,762	89,447	91,221	14,892	97,391				693,111

Foreman Monthly Cement Produced

<u>YEAR</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TTL</u>
2008	70,901	73,346	84,040	91,459	104,721	97,683	95,486	85,255	86,373	92,289	82,757	53,432	1,017,742
2009	78,878	79,292	79,326	71,729	71,995	92,605	80,493	84,385	71,819	72,984	94,110	78,758	956,374
2010	75,711	55,964	40,090	67,468	90,124	87,491	101,090	78,187	95,934	88,361	65,064	61,262	906,746
2011	64,864	56,902	104,793	82,589	79,830	75,098	88,181	73,671	78,570				704,498

march 20, 2010 started new process