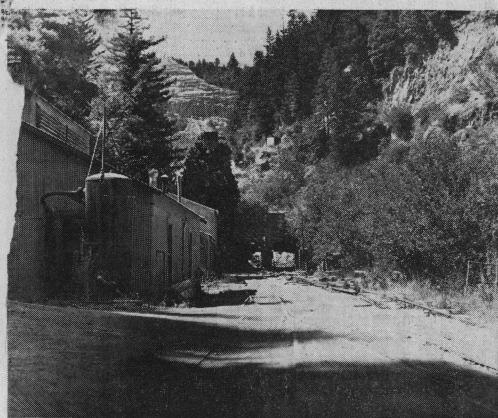
PCA Is Winning Its Battle Against Dust In Davenport



Once upon a time rocks to PCA plant in Davenport. engines bought from an lasted from old quarry in Called the Santa Cruz Alaskan mine in 1927. Caves blasted from old quarry in background were hauled from

Portland Cement Company this narrow-gauge railroad Line, the railroad featured and trespassing is strictly station in San Vicente Canyon Baldwin-Westinghouse electric forbidden.

in old quarry are sealed off

SCOPE To Put Efforts Into Bike Trail Project

business was bike paths, which said.

A new project, with a new

presided at the organization's like to see a network of bike from Escalona Drive to Bay particulate matter daily, active first fall luncheon meeting at paths to elementary scholls and Street and up to the USCS cambridge from Escalona Drive to Bay particulate matter daily, active from Escalona Drive to Bay particulate matter daily, active formation of the Monterey-Santa degrees. F. Colonial Inn. Main order of local points of interest," Prindle pus

Sentinel Staff Writer

thousand and one challenges consultant. posed by powdery dust.

would care to whisk a dustmop a minus 6-inch product.

huge buildings for grinding, Portland cement.

"cooking" and otherwise control of the conveyor belt carries one "cooking" and otherwise conveyor belt carries one verting rocks into cement, and great bins for ultimate storage of this product, which is Rock transport is ac-

fuss and fume much as unhappy shipped from the quarry are

dated back to 1906, PCA has manufacturing technique used ended visible dust emissions by PCA to insure effective from the 230-foot stack that has been a coastal landmark for screens and grinding mills. threescore and five years.

Santa Cruz Organization for racks. Others working on it are proposed path will go along Edward P. (Bud) Prindle "Eventually SCOPE would Mission Street to King Street, which totaled around 16 tons of "cooked" into clinker at a Cruz County Air Pollution Con- This "cooking" is the essence

ed by PCA, however, to fill in lnow unusable canyons, terrace Like almost any housewife, hillsides. Along with this work, a the Pacific Cement and Ag- reforestation program is carried gregates Co. in Davenport could out under guidance of Jim also write a book about the Grieg, the company's forestry

Other rock for the crusher is But maybe this division of three-ton ball smasher handled Lone Star Industries, Inc., could by Nello Radicchi, who has been write a bigger book on the sub-with PCA for 22 years. The ject because it has a bigger crusher can handle a rock five plant than even 100 housewives feet in diameter and reduce it to

The plant includes vast limestone and shale quarries, a conveyor belt three miles long, the second in gredient of the seco

powdery dust.

If nicely sacked and headed for some do-it-yourselfer's home length of the belt, a technical for some do-it-yourselfer's home for use in making a concrete patio or walkway, this dust makes company officials purr.

But if the dust is blowing across the plant grounds or spewing from a stack or settling on community buildings or farms, the same officials can fuss and fume much as unhappy

housewives are sometimes passed through dryers to alleged to do.

The company is three-fourths into a \$4.25-million program of air pollution control. By shutting down six old rotary kilns which dated back to 1906 PCA has

When the kilns were shut down Aug. 17, an employe trac-

SCOPE intends to push as far Scope intends to push as far as feasible state of the project will hope that USCS will designate of the project will be the project will

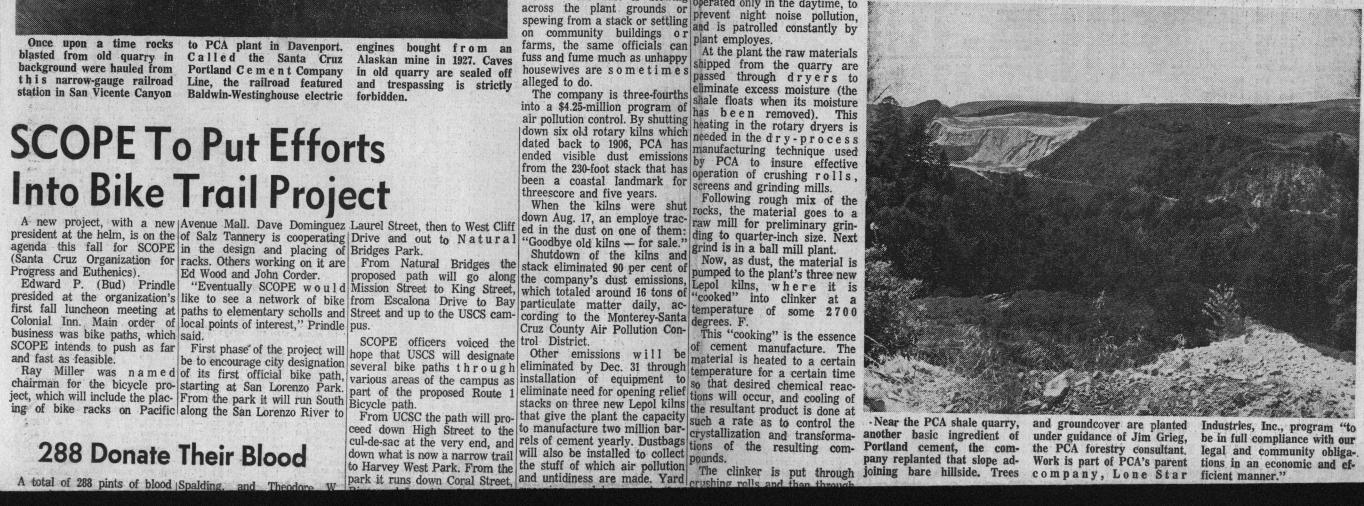


Sunday, Sept. 26, 1971

Highgrade limestone is blasted from PCA's Bonny Doon quarry off Smith Grade Road with help of this drill rig. Holes are drilled deep, some 20 in a series, then load-

ed with ammonium nitrate (a fertilizer) and set off with a dynamite blasting cap. Purest limestone has vellow crystals and arresting beauty. Waste

products in this quarry are used to fill in now unusable canyons, terrace hillsides and form base for reforestation projects performed by the company.



rid of even more dust.

Star Industries, which has Star Industries, which has established a Management to improve the control of the itons "to be in full compliance with our legal and community The finished cement is obligations in an economic and efficient manner."

John Brotzman, who has been in cement. the cement business since 1951 (and his father since 1924), the big challenge in the operation of cement plants today "is in getemissions and accumulations."

is an entirely clean operation."

Davenport manufacturing plant indicated to this reporter that Brotzman, PCA and Lone Star are zeroing in on sundry air pollution and other environmental problems more effectively than is generally

Hardline environmentalists who question that statement should perhaps make the tour

The company's housecleaning that it's primary product is really powdery dust. The finished Portland cement it manufactures from limestone, shale and gypsum is a product so finished. gypsum is a product so fine its dimensions can only be measured in microns - units of about 1/25,000 of an inch.

The 15,000 tons of crushed pass through a sieve with 40,000 property to the city. openings to an inch, a sieve that

will hold water. belt. The Bonny Doon quarry big development shortly after street parking requirements in yields limestone, which composes around 80 per cent of the finished cement product. A drilling rig is used to bore blasting position for the annexation, holes, which are loaded with ammonium nitrate (a fertilizer) and set off with dynamite blasting caps. Loaders with 5and 10-yard buckets carry the rocks to a Jeffrey Model 607 Rockbuster crusher, which can be moved periodically to the

quarry face. Equipped with a complete dust-collection system and control room, the crusher handles about 60,000 tons per month, about half of which is a waste product, industrially speaking.

The waste product is being us-

programs are being used to get grind product. A second grin-The cleanup program has the added, is done with tube mills to full support of the parent Lone produce the finished cement. ding, during which gypsum is

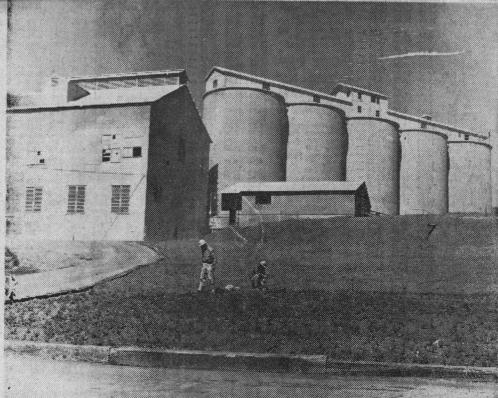
p I ement corrective measures water, so that the consumer will throughout its nationwide opera-have a fair chance to properly

The finished cement is pumped as a powder into silos (moisture free), which hold the To PCA's Davenport manager equivalent of 220,000 barrels of

About 90 per cent of the plant's production is trucked to market, the rest goes by rail. Although the company has proting rid of the last of the dust vided all the cement used for missions and accumulations."

Brotzman said "The objective Golden Gate Bridge and the Oakland Bay Bridge, the market A tour of the sprawling of biggest interest to it is the infacilities owned by PCA from dividual who goes to his local the Bonny Doon quarry off supply house to get a sack or Smith Grade Road to the two of cement for his home pro-

Portland cement is the key ingredient of concrete, the most widely used building material in the world. According to the Portland Cement Assn., almost twice as much concrete is used yearly in the U.S., on a pound for pound basis, as all the wood, structural steel, brick, tile, aluminum, building glass and other materials combined.



Having ended 90 per cent of the dust emissions at the PCA cement plant in Davenport, Manager John Brotzman and his workers are housecleaning diligently to prevent remaining dust from blowing with the wind. These men are putting in ice plant. Company \$4.25-million program to achieve its objective of a dustfree operation.

Capitola Council To Meet

A \$6.5-million development was willing to annex the Vetrock sent weekly via the covered, three-mile conveyor will be in the balance Monday terle Property when it atbelt to the Davenport plant are as the Capitola city council tempted to take in that land, actually ground into a powder so decides whether to annex the fine that nearly all of it will Vetterle Bros. begonia garden along with a larger portion of

Fisher Corp. of Fresno has Capitola proposed a 342-unit apartment election. Making this dust called complex and a number of pro-Portland cement begins in the fessional offices for the land. day is the setting of a hearing quarries served by the conveyor Work is expected to begin on the on rescinding most of the off-

City officials see little op-

property, during the recent Capitola Heights annexation

Also on the agenda for Mon-

The meeting is set to begin at



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