

HARVEY ALUMINUM ACTIVE IN RESEARCH

During the past year, Harvey Aluminum recorded exceptional achievements in research and development, giving the Torrance company nation-wide industrial recognition.

The acceptance of 6066 and 7001, two new aluminum alloys perfected by Harvey for structural applications in aircraft, accentuated the developments made by the local firm. Both of the alloys are wrought alloys which can be made in any form of wrought product, such as extrusions, rod and bar, and forgings.

Another major achievement was the fact that Harvey Aluminum was the first to supply the aircraft industry with flattened integrally stiffened 24" wide wing panels used on Lockheed's sensational XPV-1 vertical take-off fighter plane.

Another development first for the Torrance company was the perfection of a new high-strength drawn aluminum tube designed expressly for the furniture industry. Because of its many outstanding characteristics, Harvey's furniture tube garnered national acclaim throughout the furniture field.

In other research activities, Harvey Aluminum made extraordinary progress in the extrusion of titanium shapes and gained recognition as the leader in the field. The ex-

trusion of steel was another important project launched by the Torrance company.

AQUARIUM MEETINGS PLANNED

The regular meeting of the Harbor Aquarium society will be held at McMaster Park, 174th street and Yukon, on Tuesday, August 23, at 7 p.m.

Charles Wade, president of the society, announced that the program would be films and discussion of the problems of raising tropical fish, their spawning, and care. There will be a quiz session on the subject of a five gallon tank and hood and refreshments will be served.

A special invitation is extended to the Junior Harbor Aquarium Group and to all interested people.

Plans are now being made for the first annual Aquarists Convention of the Western States, sponsored by the Aquarium Foundation.



BEAUTIFUL PALOS VERDES PENINSULA, one of the few natural areas remaining for the development of a residential community to serve the industrialized southern section of Los Angeles County. Here approximately 7000 acres of property will be transformed into a suburban community including educational, recreational, religious, professional and retail service facilities.

Local Plant Converts Wet Earth to Foamy Insulator

From a material resembling wet earth to a foamy white mineral wool, used for building insulation, is the story of the operation at American Rock Wool's Torrance plant.

Slag tailings left over from the production of 20 Mule Team Borax find their way through a series of complicated processings and end up as rock wool.

The bulk of production of the Torrance plant is sold in the Los Angeles area, although the local division is set up to service the West Coast.

Buys Plant
The story of mineral wool in Torrance dates back some years to Coast Insulating Corp., whose plant was acquired in 1946 by American Coast was producing granulated wool, white wool rolls, and white batts.

Then one building took care of the processing, selling, and office staffs. Immediately after the purchase of the concern by American, a second plant was erected. During the following year, office buildings went up, and in 1948 the old plant was dismantled.

Today the sprawling facilities on Arlington Ave., across from Columbia Steel contain four batt lines, and various supple-

mental buildings to the main operation of combining minerals with chemicals to produce mineral wool. Space is also available, and utilized, for a large mineral stockpile.

Mixing Process
Preliminary mixing of the materials which go to make up mineral wool is done by a bulldozer, a tractor loader, and three standard dump trucks. Machinery is used because the basic minerals are received from the borax company in a state resembling wet earth, and are about as hard to handle.

From the mixing pile, the blended minerals move to a reverberatory furnace by overhead crane. The furnace is fed by hand, and under intense, reflected heat, bakes the wet minerals into the finished product.

Steam generated by the waste heat boilers through which exhaust gases pass is piped back for use in the manufacturing

process. Natural gas, plus burning oils, is used as fuel.

Plant Added
In March, 1950, an addition in the shape of a resin manufacturing plant was erected, to produce as much of the sticky product as required by the Torrance plant.

From the mineral wool, a wide range of products, including loose granulated house batts and industrial felt, is manufactured. Other products are white wool rolls, resilient sheets, duct wrapping, and insulating and acoustical quilts.

The normal operating force consists of 110 plant and about 15 supervisory and administrative personnel. In charge of the overall supervision of the concern is John A. Ebbinghouse, 1005 Via Solano, Palos Verdes Estates, who joined American as a production employee at Wabash, Ill., in 1938.

NEW PROJECTS UNDERWAY AT RANCHO PALOS VERDES

Plans for developing the vast Rancho Palos Verdes area, owned by Palos Verdes Properties, have taken on substance in recent months as many new projects have begun.

Much of the work is basic to the future needs of the residential population expected in the area, and consists primarily of road improvement and expansion and modernization of utility services.

New Homes
There are, however, visible signs of new home construction in the many recent custom home starts and tract developments. Among the builders pioneering these tracts are such well-known Southland firms as Bjorklund-Smith and Property Management Company, both with model homes open for the public, and the McCarthy Company, with seven model homes under construction to be open early in September.

Other projects underway, or nearly completed, are the extension of Crenshaw boulevard, through the peninsula to Palos Verdes Drive South, the widening of Palos Verdes Drive South into a four-lane divided highway, the installation on sanitation facilities up Palos Verdes Drive North to serve the needs of the entire north slope of the Palos Verdes Hills, and the development of \$2,100,000 worth of new water supply, storage, and distribution facilities to serve the entire area.

Town Center
Imminent in the planning for the future is the development of a town center of several hundred acres near the site of the present county detention camp, which will be re-

moved. This town center will serve as a retail shopping area for residents of Rancho Palos Verdes and will have facilities for professional services as well. Studies are also underway to determine the sites of elementary and high school facilities which will be built to serve the growing population. Church groups are also working out plans for the development of new church sites and parochial schools in the area.

Extend Road
Also planned is the extension and improvement of Hawthorne boulevard into the peninsula to a point where it will join Crest Road, the development of an 18-hole championship golf course on the Southwesterly terraces of the Rancho overlooking the ocean, and the possible enlargement and improvement of small boat harbor facilities in the Portuguese Bend area.

Palos Verdes Properties expects to subdivide certain portions of their property on the Southern slopes within the next six months and will offer homesites in size up to an acre. Plans are also being completed for development of an outstanding model home, known as Research House, in this same general area. It is expected that Research House will be open to the public early in 1956.

Graphic View
This brief resume gives a picture of the activity on Rancho Palos Verdes, but a drive through the area will provide a more graphic view of the great future planned for this neighboring community. Torrance residents will be vitally

interested in its development for it promises to bring additional prosperity to the whole Southern Communities area.

Sand-Gravel In Business Since 1922

Founded in 1922, the Lomita firm of Chandler Palos Verdes Sand and Gravel has supplied ready mixed concrete and other materials for thousands of tract homes and other residences and buildings in the Harbor area.

L. H. Chandler is president and J. D. Robertson manager of the company which keeps a fleet of 52 trucks busy the year around.

Education Expert Presents Lecture

A "Parent Participation Meeting" was presented Wednesday evening by the religious school committee of Temple Menorah at 112½ North Catalina in Redondo Beach.

Samuel Kaminker, outstanding leader in the field of Jewish education, summarized the parents' ideas for the children's religious and cultural program during the coming school year.

An interesting visual display of educational material was exhibited, and the meeting concluded with the serving of refreshments.

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