



STATE LEGISLATION



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ASSOCIATION

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NO. 13

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AIR PRODUCTS & CHEMICALS INC.

AUG 26 1970

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August 6, 1970

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STATE LEGISLATIVE REPORT

NEW-TYPE SOLID WASTE PLANT PROPOSED FOR DELAWARE

A \$1 million contract for the design and engineering work on what is described as "the nation's most advanced solid waste disposal plant" is being negotiated between the state of Delaware and Hercules Incorporated. The firm also expects to construct and operate the facility.

The proposed \$10 million plant should begin processing 500 tons of domestic and industrial refuse per day within two years after signing of the design contract. The demonstration plant will also dispose of 70 tons of sewage sludge per day. Future expansion plans call for a doubling of the plant's capacity.

After removal of ferrous metals, the proposed plant would convert the refuse and sewage into a humus compound and various oils and tars. The humus compound is an excellent additive for soil treatment and may be developed in the future as an animal food additive. The oils and tars can be sold as fuels or used to fuel the plant itself. Company officials envision the plant to become self-sustaining, or even profitable, after a shakedown period.

Employing approximately 50 people, the plant is expected to dispose of automobile tires, bulk plastics, and paper as easily as other wastes. It will be practically odorless and will operate well within federal regulations governing air and water pollution.

The proposed plant is based on three key developments: The first is a digester system for converting organic waste materials to a high quality, sanitary humus. The digestion operation will also accept sewage sludge as feed material which becomes part of the sanitary humus product after digestion.

The second development is the application of pyrolysis techniques to the controlled decomposition of organic solid wastes, such as rubber and plastics. In pyrolysis, substances

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NEW-TYPE SOLID WASTE PLANT PROPOSED FOR DELAWARE (Cont'd.)

are subjected to high temperatures without the presence of oxygen so that they cannot ignite. The Hercules design will pyrolyze only the nondigestible materials, yielding the oils and tars that can be used as fuels.

The third key development is a residue separation system. The feed to this system will consist of the inorganic residue separated from the digester discharge. The separation of the metals, glass, and grit will be accomplished by a series of screeners, gravity tables, and associated separation equipment.

ENVIRONMENTAL SCIENCE INSTITUTE URGED

The President and Congress of the United States have been urged to establish in Alaska a National Institute of Environmental Science to initiate a continuing program of research to insure that man uses his natural resources in a manner consistent with a quality environment. The Governor has also been requested to appoint a panel of concerned Alaskans to compile information that will enable the President and the Congress to assess the need for, and the benefits to be derived from, such an Institute.

PENNSYLVANIA INDUSTRIES ORDERED TO TREAT WASTES

Sixty-one western Pennsylvania industries in Allegheny, Armstrong, Beaver, Fayette, Washington and Westmoreland Counties have been ordered by the State Sanitary Water Board to upgrade treatment of their wastes prior to discharge into Ohio River Basin waters. All must provide "secondary" treatment sufficient to remove from 75 to 85 percent of the oxygen-consuming materials before discharge of waste water to Commonwealth rivers.

Such treatment will remove practically all suspended solids, provide satisfactory disposal of sludge, and reduce the quantities of oil, greases, acids, alkalis, toxic substances, and other such pollutants to levels that will not pollute the receiving waters, according to the Board. At present, the industries provide primary or intermediate treatment sufficient to remove approximately 35 and 50 percent, respectively, of the oxygen-consuming materials, the Board said.

The orders result from the Board's implementation plan for meeting upgraded standards for the interstate waters of the Ohio River Basin.

Each firm was given 90 days in which to submit a schedule outlining steps it will take to comply with the order. Additionally, each firm must report to the State Health Department within 30 days of the completion of each step in the schedule.

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NEW BILLS

IMPORTANT: Bills and resolutions of greater interest are now indicated by an asterisk (*).

CALIFORNIA

ACR. 174 Gasoline -- Requests department of general services to revise specifications for regular grade gasoline to encourage suppliers to make lead-free gasoline available for use in state vehicles.

Introduced by: Cory
House Action: Referred to Rules Committee, 7/16/70.

SR. 289 Air Pollution -- Provides for a study of the current effort to curb air pollution.

Introduced by: Kennick
Senate Action: Referred to Rules Committee, 7/28/70.

MASSACHUSETTS

H. 5965 Air Pollution -- Changes the procedures under which public health inspections to control air pollution may be conducted.
App. A

Introduced by: Special Committee
House Action: Referred to Social Welfare Committee, 4/14/70.

H. 5965 Air Pollution -- Relative to the practice of air pollution control by agencies of state and local governments.
App. B

Introduced by: Special Committee
House Action: Referred to Social Welfare Committee, 4/14/70.

H. 5965 Refuse Disposal -- Regards the assignment and operation of refuse disposal facilities.
App. C

Introduced by: Special Committee
House Action: Referred to Social Welfare Committee, 4/14/70.

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MASSACHUSETTS (Cont'd.)

H. 6028 Refuse Disposal -- Establishes the Upper Assabet
Appen. A River Valley Refuse Disposal District.

Introduced by: Special Committee
House Action: Referred to Social Welfare Committee, 4/27/70.

H. 6028 Air Pollution -- Concerns the enforcement of
Appen. B air pollution control regulations.

Introduced by: Special Committee
House Action: Referred to Social Welfare Committee, 4/27/70.

H. 6028 Air Pollution -- Relative to tax incentives for
Appen. C industrial air pollution control.

Introduced by: Special Committee
House Action: Referred to Taxation Committee, 4/27/70.

H. 6028 Air Pollution -- Requires the Department of
Appen. D Public Health to publish air pollution test
 results.

Introduced by: Special Committee
House Action: Referred to Social Welfare Committee, 4/27/70.

*S. 1545 Water Pollution -- Provides financial assistance
 for a water pollution abatement program for
 industrial wastes.

Introduced by: Ward and Donahue
Senate Action: To third reading, 7/27/70.

S. 1546 Water Pollution -- Provides for financial assis-
 tance to cities, towns, and districts of the
 commonwealth for water pollution control purposes.

Introduced by: Ward and Donahue
Senate Action: To third reading, 7/27/70.

S. 1549 Water Treatment -- Establishes a certification
 board for personnel of waste water treatment
 facilities.

Introduced by: Ward and Donahue
Senate Action: To third reading, 7/23/70.

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CHANGES IN STATUS

<u>CALIFORNIA</u>	Number in second column is that of bulletin in which bill was originally described.
A. 1	#2 <u>Air Pollution</u> -- Committee discharged, amended, recommitted in Senate, 7/20/70; reported favorably and recommitted to Finance Committee in Senate, 7/23/70.
A. 80	#2 <u>Air Pollution</u> -- Reported with amendment and recommitted to Finance Committee in Senate, 7/20/70.
A. 81	#2 <u>Air Pollution</u> -- Reported with amendment and recommitted to Finance Committee in Senate, 7/21/70.
A. 83	#2 <u>Air Pollution</u> -- Passed in Senate, 7/28/70.
A. 85	#2 <u>Air Pollution</u> -- Reported favorably and recommitted to Finance Committee in Senate, 7/21/70.
A. 207	#2 <u>Exhaust Emission</u> -- Reported with amendment in House, 7/14/70; passed in House, 7/21/70.
A. 478	#4 <u>Air Pollution</u> -- Passed in House, 7/27/70.
A. 479	#4 <u>Air Pollution</u> -- Hearing in Senate, 7/20/70; reported with amendment in Senate, 7/23/70.
A. 565	#4 <u>Restaurants</u> -- Passed in Senate, 7/27/70.
A. 641	#5 <u>Air Pollution</u> -- Withdrawn from Committee and recommitted to Rules Committee in Senate, 7/15/70; recommitted to Local Government Committee in House, 7/27/70.
A. 642	#5 <u>Air Pollution</u> -- Amended in Senate, 7/27/70.
A. 718	#5 <u>Liquid Waste</u> -- Reported with amendment in House, 7/14/70; passed in House, 7/17/70.
A. 836	#6 <u>Water Pollution</u> -- Hearing in Senate, 7/20/70.
A. 921	#6 <u>Water Pollution</u> -- Reported favorably and recommitted to Finance Committee in Senate, 7/13/70.

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CALIFORNIA (Cont'd.)

A. 1050	#12	<u>Conservation Education</u> -- Reported with amendment in House, 7/17/70; passed in Senate, 7/24/70; referred to Senate Education Committee, 7/27/70.
A. 1136	#6	<u>Explosives</u> -- Committee discharged, amended, recommitted in Senate, 7/16/70.
A. 1251	#10	<u>Water Quality</u> -- Reported favorably and recommitted to Finance Committee in Senate, 7/13/70.
A. 1279	#6	<u>Public Lands</u> -- Reported with amendment in House, 7/23/70; passed in House, 7/27/70.
*A. 1311	#12	<u>Conservation</u> -- Reported favorably and recommitted to Ways and Means Committee in House, 7/7/70; committee discharged, amended, recommitted in House, 7/24/70.
A. 1580	#7	<u>Air Pollution</u> -- Reported favorably in House, 7/15/70; passed in House, 7/22/70; referred to Senate Transportation Committee, 7/27/70.
A. 2045	#7	<u>Environmental Quality</u> -- Reported with amendment in House, 7/8/70; passed in House, 7/17/70.
A. 2057	#9	<u>Explosives</u> -- Withdrawn from committee and recommitted to Judiciary Committee in Senate, 7/14/70; committee discharged, amended, recommitted in Senate, 7/27/70; hearing in Senate, 7/28/70.
A. 2212	#9	<u>Environmental Tests</u> -- Reported with amendment in House, 7/8/70; passed in House, 7/17/70.
A. 2345	#9	<u>Environment Plan</u> -- Reported favorably in House, 7/10/70; passed in House, 7/17/70.
A. 2350	#9	<u>Water Quality</u> -- Hearing in Senate, 7/24/70.
A. 2435	#10	<u>Waste</u> -- Passed in House, 7/17/70.

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CALIFORNIA (Cont'd.)

A. 2516	#9	<u>Water Pollution</u> -- Committee discharged, amended, recommitted in House, 7/17/70; withdrawn from committee and recommitted to Water Committee in Senate, 7/24/70.
S. 55	#3	<u>Fertilizers</u> -- Withdrawn from Committee, recommitted to Ways and Means Committee and hearing in House, 7/20/70.
S. 78	#2	<u>Solid Waste</u> -- Hearing in Senate, 7/13/70.
S. 141	#2	<u>Container Tax</u> -- Hearing in Senate, 7/13/70.
S. 252	#4	<u>Air Pollution</u> -- Reported favorably in Senate, 7/8/70; passed in Senate, 7/14/70; referred to House Transportation Committee, 7/16/70.
S. 470	#6	<u>Foods, Drug Law</u> -- Reported with amendment and recommitted to Ways and Means Committee in House, 7/8/70.
S. 788	#8	<u>Water Quality</u> -- Hearing in Senate, 7/15/70.
S. 848	#7	<u>Air Pollution</u> -- Hearing in Senate, 7/13/70; committee discharged, amended, recommitted in Senate, 7/14/70.
S. 879	#9	<u>Solid Waste</u> -- Hearing in Senate, 7/15/70; reported with amendment and recommitted to Finance Committee in Senate, 7/23/70.
S. 999	#8	<u>Water Quality</u> -- Reported favorably and recommitted to Finance Committee in House, 7/22/70.
S. 1107	#9	<u>Environmental Quality</u> -- Referred to House Governmental Organization Committee, 7/7/70; withdrawn from committee and recommitted to Ways and Means Committee in House, 7/23/70.
S. 1259	#9	<u>Environmental Quality</u> -- Hearing in Senate, 7/13/70.

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CALIFORNIA (Cont'd.)

S. 1272	#8	<u>Gross Margins Tax</u> -- Reported favorably in Senate, 7/8/70; passed in Senate, 7/14/70; referred to House Agriculture Committee, 7/16/70; reported with amendment in House, 7/21/70.
S. 1295	#9	<u>Solid Waste</u> -- Committee discharged, amended, recommitted in Senate, 7/10/70; hearing in Senate, 7/15/70.
S. 1347	#9	<u>Economic Poison</u> -- Hearing in Senate, 7/21/70.
S. 1350	#9	<u>Explosives</u> -- Committee discharged, amended, recommitted in House, 7/10/70; reported favorably in House, 7/16/70.
S. 1375	#9	<u>Economic Poisons</u> -- Hearing in Senate, 7/13/70; reported favorably in Senate, 7/20/70; passed in Senate, 7/27/70.
SCR. 41	#6	<u>Foodstuffs</u> -- Reported favorably and recommitted to Ways and Means Committee, 7/8/70.

DELAWARE

H. 657	#8	<u>Water Quality</u> -- Passed in Senate, 6/30/70; approved, 7/23/70.
H. 827	#10	<u>Natural Resources</u> -- Approved, 7/23/70.

FLORIDA

H. 3882	#9	<u>Environment Plan</u> -- Law without approval, 7/2/70.
S. 300	#6	<u>Pollution</u> -- Approved, 7/7/70.
S. 374	#6	<u>Hazardous Substances</u> -- Law without approval, 7/8/70.

LOUISIANA

H. 73	#10	<u>Natural Resources</u> -- Passed in Senate, 7/6/70; law without approval, 7/22/70.
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LOUISIANA (Cont'd.)

- H. 335 #10 Untreated Wastes -- House, refuses to concur, in amendments, to conference and conference report adopted in House, 7/9/70; to conference and conference report adopted in Senate, 7/9/70; law without approval, 7/22/70.
- H. 1012 #11 Water Pollution -- Law without approval, 7/22/70.
- H. 1063 #11 Watershed District -- Passed in Senate, 7/9/70; law without approval, 7/22/70.
- H. 1204 #10 Stream Control -- Law without approval, 7/22/70.
- H. 1406 #11 Water Pollution -- Amended and passed in Senate, 7/9/70; house concurs in amendments, 7/9/70; law without approval, 7/22/70.
- S. 259 #10 Polluted Streams -- Senate concurs in amendments, 7/9/70; law without approval, 7/22/70.
- S. 277 #10 Water Pollution -- To conference, conference report adopted and Senate refuses to concur in amendments, 7/9/70; to conference and conference report adopted in House, 7/9/70.
- S. 278 #10 Water Pollution -- Senate refuses to concur in amendments and to conference in Senate, 7/9/70; to conference and conference report adopted in House, 7/9/70; law without approval, 7/22/70.

MASSACHUSETTS

- H. 5657 #10 Oil Pollution -- To third reading in House, 7/9/70; substituted by HBN 5953, 7/13/70.
- H. 5662 #10 Industrial Pollution -- Reported by substitute HBN 5951, 7/13/70.
- H. 5808 #11 River Basin -- Reported favorably in Senate, 7/8/70; to third reading in Senate, 7/9/70; passed in Senate, 7/13/70; to Governor, 7/16/70.

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MASSACHUSETTS (Cont'd.)

- S. 628 #2 Water Pollution -- Reported favorably in Senate, 7/8/70; to third reading in Senate, 7/9/70; amended and passed in Senate, 7/14/70; referred to House Ways and Means Committee, 7/15/70; reported favorably in House, 7/20/70; passed in House, 7/21/70; to Governor, 7/27/70.
- S. 963 #2 Solid Waste Study -- To Governor, 7/13/70; approved, 7/16/70.
- S. 972 #2 Water Pollution -- Reported favorably in House, 7/22/70; reported by substitute SBN 1546 in Senate, 7/27/70.
- S. 974 #2 Water Pollution -- Reported favorably in Senate, 7/22/70; reported by substitute SBN 1546 in Senate, 7/27/70.
- S. 975 #2 Water Treatment -- Reported favorably in Senate, 7/23/70; reported by substitute SBN 1549 in Senate, 7/24/70.
- S. 1284 #6 Clean Waters -- Reported with amendment in Senate, 7/22/70; to third reading in Senate, 7/23/70; passed in Senate, 7/29/70.
- S. 1363 #9 Water Pollution -- Reported by substitute HBN 6013 in House, 7/27/70.
- S. 1399 #10 Environment -- Reported by substitute HBN 5951 in House, 7/13/70.

MICHIGAN

- H. 3055 #9 Pollution -- Approved, 7/27/70.

PENNSYLVANIA

- H. 1353 #13 Clean Streams -- House refuses to concur in amendments, 7/7/70; to conference in Senate and House, 7/8/70; conference report adopted in House and Senate, 7/15/70.
- H. 1695 #18 State Wastes Authority -- Recommitted to House Rules Committee, 7/7/70.

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PENNSYLVANIA (Cont'd.)

H. 2101	#6	<u>Gasoline Lead</u> -- Recommitted to House Rules Committee, 7/20/70.
H. 2219	#9	<u>Air Pollution</u> -- Referred to Senate Health Committee, 7/7/70.
H. 2313	#11	<u>Pollutant Liabile</u> -- Amended in House, 7/8/70; passed in House, 7/13/70; referred to Senate Game and Fish Committee, 7/13/70.
H. 2385	#11	<u>Solid Waste</u> -- Amended in House, 7/8/70; passed in House, 7/13/70; referred to Senate Game and Fish Committee, 7/13/70; reported favorably in Senate, 7/14/70.
S. 1281	#5	<u>Waste Disposal</u> -- Passed in House, 7/8/70; approval, 7/24/70.

MEETINGS, RECESSES AND ADJOURNMENTS

LOUISIANA 1970 Regular Session
Convened:--May 11, 1970
Adjourned:--Officially July 9, actually July 10, 1970.

First Special Session
Convened:--February 18, 1970
Adjourned:--February 22, 1970

PENNSYLVANIA 1970 Regular Session
Convened:--January 6, 1970
Recess:--The legislature recessed March 17 to April 29; July 21, subject to call of the chair

WEST VIRGINIA First Special Session
Convened:--June 16, 1970
Adjourned:--June 19, 1970

Second Special Session
Convened:--July 29, 1970
Session Length:--Not limited

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