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Gulf Coast Waste Disposal Authority

November 1992







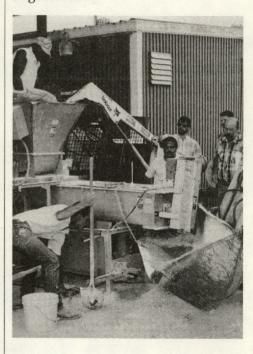


Ferguson

GCA TESTS PILOT SLUDGE STABILIZING UNIT

GCA is testing a pilot unit built by RDP Company of Plymouth Meeting, Pennsylvania, to demonstrate the reduction of pathogens through a lime stabilization process for sludge.

The RDP unit processes sludge to significantly reduce pathogens (PSRP) and to further reduce pathogens (PFRP) through lime stabilization to meet the soon-to-be implemented EPA 503 Regulations.



BRADLEY TO CO-CHAIR SCHULTZ RE-ELECTED CHAIRMAN

Bradley

J.M. "Mark" Schultz began serving his second term as Chairman of the Board of Directors of Gulf Coast Waste Disposal Authority following the Sept. 10 meeting of the GCA board.

Schultz

Schultz was reelected to the Chairman's position by fellow Board members. In the same election, Gail G. Bradley, former two-term Treasurer, was named to fill the Vice Chairman's post; Richard Y. Ferguson was elected Board Treasurer; and James A. Matthews, Jr. was reelected Secretary.

Dr. Frank M. Fisher, Jr., former Board Chairman and later Vice Chairman, requested that he not be nominated as an officer. He continues as a member of the Board.

Schultz, who was appointed to the GCA

board by the Chambers County Commissioners Court in 1979, was again reappointed by the Court last June. He served as a Board member until he was elected Vice Chairman, serving in that capacity from September 1988 until August 1990. He was elected to his first term as Board Chairman in September 1990.

Following his graduation from North Texas State University, Schultz joined Republic National Bank in Dallas ar.d later became affiliated with Texas Commerce Bank. He went into the family rice farming business in the mid 1970s.

Bradley is an appointee of the Galveston County mayors. Ferguson represents the Chambers County mayors. Matthews represents the Commissioners Court in Galveston County.

BAYPORT EXPANSION NEARS COMPLETION

Current expansion of the Bayport Industrial Wastewater Treatment Facility is nearing completion. Expected startup of the \$7 million project is December of this year.

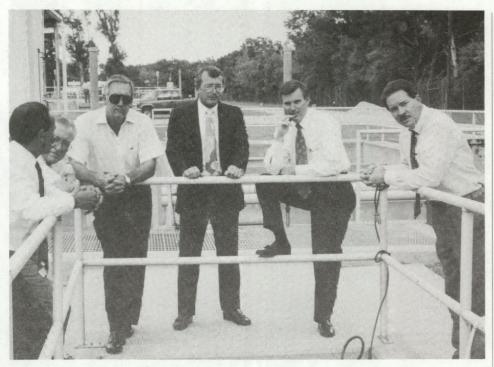
Improvements being made to the first stage of the overall system include above-ground tanks, new piping to provide operational flexibility, and a

new lift station. Along the collection channels, climate-controlled buildings house monitoring equipment and sample collection devices.

Current construction is the first in a series of projects which will provide the necessary capacity to meet the needs of the Bayport industrial area for the next 20 years.

Supervised by Lisa Gilbreath, Municipal Operations, the portable pilot unit operated at the Bayport Facility for one week of testing. Four different concentrations of lime were used to test for both municipal and industrial sludge.

The lime-stabilized sludge is being stored at the Blackhawk Facility for further evaluation and testing over the next six months, Gilbreath said.





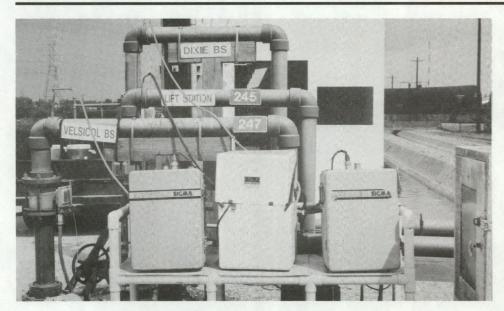
KEMLER TOURS FRIENDSWOOD OFFICIALS THROUGH BLACKHAWK

Vance Kemler, GCA director of municipal operations, recently toured four Friendswood officials around the Blackhawk Facility to acquaint them with current operations and future plans.

GCA currently treats 2 million gallons per day of Friendswood sewage and 2 million gallons per day of sewage from adjacent areas. Friendswood is beginning a three-phase project next year to bring a new force main to the Blackhawk plant.

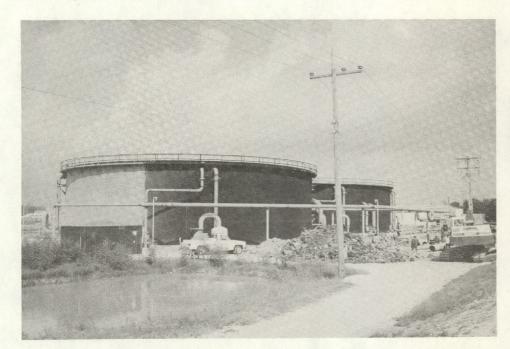
On a recent tour of the Blackhawk Facility are (left to right) Kaz Hamidian, Friendswood Utilities Superinter dent, Melvin Meinecke, Friendswood Director of Public Works, Jerry Dunn, GCA Assistant General Manager, Vance Kemler, GCA Director of Municipal Operations, Kon Cox, Friendswood City Manager, and Roger Roecker, Friendswood Director of Finance.

Gulf Coast Authority is producing a videotape to provide a general description of its waste management functions. The brief videotape will serve as an introduction for Authority personnel who make public presentations. Stage Directions, which specializes in video and other forms of presentations, started the day early at the Blackhawk Wasiewater Treatment Facility and spent the next two days at various GCA sites.



BAYPORT OPERATIONS AND IMPROVEMENTS EXPLAINED

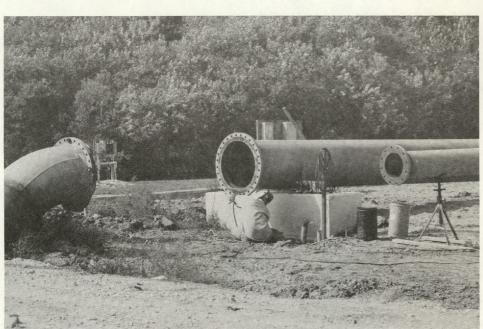
New sample houses (background) along the Bayport collection channels provide climate-controlled protection for instruments and refrigeration for collected samples of wastewater.



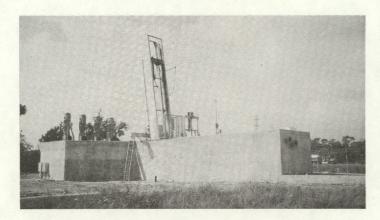
Left: Two new tanks will provide firststage treatment. The 1.75 million gallon tanks replace the Pond 2 impoundment.



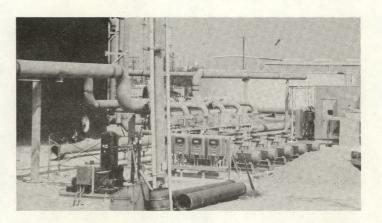
Above: George Blue of GCA Central Lab wears a personal monitor as he works through the day's projects. The Authority periodically utilizes a professional consultant to conduct an industrial hygiene study of the facilities.



Left: Piping is being completed to carry air from new blowers into the treatment tanks.



The new Bayport lift station is designed for higher flows expected in the future. The system has the power to pump into the new above-ground tanks. Automatic bar screens replace the current system which requires manual cleaning.



Piping ranges from 14 inches to 30 inches in diameter. Ahead of the new tanks, pipelines traveling below ground are doublewalled to provide secondary containment to guard against leaks.

BOARD MEETING HIGHLIGHTS

At meetings held in July, August and September, the Board of Directors of Gulf Coast Waste Disposal Authority discussed and took action on several items:

The board:

- awarded bid to Environmental Improvements, Inc. in the amount of \$257,451 for a conveyor system that will be part of a sludge dewatering system being constructed at the Washburn Tunnel Facility
- adopted a Resolution Authorizing the Issuance of Pollution Control Revenue Refunding Bonds (Amoco Oil Company -Amoco Chemicals Corporation Project) Series 1992; the Execution of an Indenture of Trust, A Bond Amortization Agreement, and A Bond Purchase Agreement; Approval of an Official Statement; and Other Matters in Connection Therewith
- adopted a Resolution Authorizing the issuance of Collateralized Revenue Refunding Bonds (Houston Lighting & Power Company Project (Series 1992A, Appointing an Issuer Representative, Approving a Draft of an Official Statement, and Authorizing the Execution of a Trust Indenture, an Installment Payment and Bond Amortization Agreement and an Underwriting Agreement

- awarded bid to Travis Trailers in the amount of \$94,845 for trailers required for Equipment Services
- awarded bid to Houston Mack Sales& Service in the amount of \$182,159.25 for the purchase of tractors required for Equipment Services
- elected Officers of the Board of Directors for 1992-94

Chairman J.M. Schultz Vice Chairman Gail G. Bradley Secretary James A. Matthews, Jr. Treasurer Richard Y. Ferguson

 appointed KPMG Peat Marwick, Certified Public Accountants, to audit the Authority's financial statements for the year ended December 31, 1992.

GULF COAST COMMENTS

Board of Directors

Harris Couny

Dr. Frank M. Fisher, Jr., Member — C Hon. John Wildenthal, Member — M Jerry Pennington, Member — G

Galveston County

James A. Matthews, Jr., Secretary — C Gail G. Bradley, Vice-Chairman — M Vacant, Member — G

Chambers County

Mark Schultz, Chairman — C Richard Y. Ferguson, Treasurer — M Oscar G. Weir, Member — G

C — County Commissioners' Court Appointée

M - Mayor's Council Appointee

G - Governor's Appointee

Administration

Dick Brown
General Manager
Jerry R. Dunn
Assistant General Manager
Joe P. Teller
Manager Special Projects
Charles W. Ganze
Manager Industrial Operations
Luanne Goin
Editor
Charles Goode

Managing Editor

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Gulf Coast Comments Gulf Coast Waste Disposal Authority 910 Bay Area Blvd. Houston, Texas 77058

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