

RESOLUTION 1990-214

**AUTHORIZING A CONTRACT WITH LAIDLAW WASTE SYSTEMS, INC.
FOR THE DISPOSAL OF DIESEL CONTAMINATED SOIL FROM THE
HAYDEN GARAGE AT A PRICE NOT TO EXCEED \$76,375.00
(GCRTA INSURANCE FUND)**

WHEREAS, a large quantity of soil contaminated by diesel fuel has been excavated at the Authority's Hayden Garage; and

WHEREAS, an emergency exists pursuant to Ohio Revised Code Section 306.43 due to the imminent danger of additional environmental damage if the soil is not disposed of before it freezes; and

WHEREAS, the Authority's consultants have recommended that a Laidlaw Waste Systems facility in BellFontaine, Ohio represents the most economical disposal site consistent with sound environmental practice.

NOW, THEREFORE BE IT RESOLVED by the Board of Trustees of the Greater Cleveland Regional Transit Authority, Cuyahoga County, Ohio:

Section 1. That the General Manager of the Authority be and he is hereby authorized to enter into a contract with Laidlaw Waste Systems, Inc., for the disposal of diesel contaminated soil from the Hayden Garage.

Section 2. That said contract shall be payable out of the Authority's Insurance in an amount not to exceed seventy-six thousand three hundred seventy-five & 00/100 dollars (\$76,375.00).

Section 3. That said contract shall be binding upon and an obligation of the Authority contingent upon compliance by the contractor to the Specification and Addenda, if any; the Affirmative Action Plan adopted by the Board of Trustees in Resolution 1985-87; bonding and insurance requirements and all applicable laws relating to the contractual obligations of the Authority.

Section 4. That this resolution shall become effective immediately upon its adoption.

Adopted: December 18, 1990



President

Attest:



General Manager/Secretary-Treasurer

Regional Transit Authority

Inter-Office Correspondence

To: Earl Martin, President
and Members, Board of Trustees

Date: December 13, 1990

From: Ronald J. Tober
General Manager/Secretary Treasurer

Subject: Hayden Fuel Leak
Project

As you are aware a fuel leak was discovered at the Hayden Garage this past June. Staff and contractors have been working towards recovering the fuel (free-product) from the soil thus far. We will continue our efforts to recover the free-product well into 1991 and possibly into the first quarter of 1992.

The following is to inform you of the activities that have occurred thus far and what we expect to accomplish in the following months and the related estimated costs.

The board of Trustees, by resolutions 1990-131 and 1990-164 has authorized expenditures from the GCRTA Insurance fund of \$1.1 Million, through December 31, 1991. These monies have been allocated as listed below:

Webster Engineering Associates - \$200,000

Webster Engineering provides consulting services, which includes project oversight, design, monitoring, recordkeeping, reports of progress and assistance with regulatory compliance.

George Allen Construction Co. - \$810,000

George Allen Construction Co. is a minority owned firm which provides construction and excavation activities as directed by Webster Engineering Associates.

Laidlaw Environmental (GSX) \$ 70,000

Laidlaw environmental provided initial soil removal, free product pumping activities during start-up of the fuel recovery, and cleans out the existing fuel recovery system as required.

Louis Dreyfus Energy \$ 20,000

Louis Dreyfus Energy provided a temporary refueling station at the Hayden Garage utilizing a tanker truck to dispense the fuel directly into the buses in order for us to maintain operations while the primary refueling system was shut down. Now that we are refueling normally, we have discontinued this service.

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To date we have installed the complete diesel free-product recovery system, which includes several underground recovery trenches and one large lined interceptor trench, from which diesel fuel is pumped into above ground storage tanks. Groundwater accumulated along with the fuel is filtered, then discharged into the storm sewer. The diesel fuel is picked up by Research Oil Company, as required, usually at no charge to the Authority. Thus far, approximately 55,000 gallons of fuel has been recovered from the ground. We believe we have contained the fuel and arrested migration. The fuel had migrated over approximately 1.5 acres of property at the Hayden site. The fuel has been contained on Authority owned property. The free-product fuel recovery will continue into 1991 and possibly into the first quarter of 1992.

Now that the fuel recovery system is in place and operational, we are concentrating on disposing of approximately 3,000 tons of diesel fuel contaminated soil from the various excavations around Hayden Garage. The soil has been stored in an employee parking lot adjacent to the garage. We anticipate the cost of loading, transportation and disposal at approximately \$140,000. In an effort to minimize the Authority's liability, Webster Engineering Associates and our Safety Department have recommended the soil be disposed of at a Best Available Technology (BAT) lined landfill site. You have before you an action to approve of this soil disposal. This action is being recommended now so we can dispose of this soil prior to the arrival of severe weather and to avoid any degradation to the asphalt parking lot.

Sometime in 1991, we will bring you a resolution for remediation of the underground soil. Our consultant, Webster Engineering has recommended bioremediation for this clean up. We are currently reviewing their recommendation and other options, but will probably lean in this direction if approved by the Ohio State Fire Marshal. Bioremediation involves the use of microscopic bacteria that ingest petroleum products such as diesel fuel. Webster has advised us this may cost between \$800,000 and \$1 million. This is in addition to the other costs. Whatever action we pursue for soil remediation must be approved by the State Fire Marshal. We plan to competitively seek bids or proposals for this phase of the project in mid 1991.

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The consultant and staff estimate it will take another two to four years before this project is complete. Total cost will be approximately \$2 million.

The Authority recently applied to the State of Ohio, Petro Underground Storage Tank Fund Board, for possible reimbursement under this fund. The Authority is required by State law to pay into this Fund and has submitted two payments since adoption of the Fund. We are currently waiting to hear from the Fund Board on our application.

I will keep you posted as issues develop and as necessary from time to time.