

# MEMORANDUM

**To:** File

**From:** Bruce Desilet

**Date:** February 28, 1999

**Subject:** *Northwest Hillsborough Expressway FEIS Reevaluation  
S.R. 60 (Memorial Highway) LINKS Stage I*

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## Contamination

### **Screening Methodology**

A Level I contamination screening evaluation was conducted for the Stage I LINKS project corridor in February 1999. This screening evaluation supersedes those screenings and investigations conducted previously and published separately for the Veterans Expressway project in 1987 and 1991. Essentially, this recent screening evaluation identifies known and potential hazardous material contamination sites along the project corridor; evaluates their risk to impact the proposed project; and provides recommendations for additional investigations, where required. The survey was conducted according to guidelines established by the FDOT, District VII.

Because there is no single comprehensive source of information currently available that identifies all known and potential hazardous material contamination sites along the project, the survey consisted of the following tasks:

- Reviewing computer data base files provided by Environmental Data Management, Inc. (EDM). The following lists were queried to determine whether sites listed in the United States Environmental Protection Agency (USEPA) or Florida Department of Environmental Protection (FDEP) environmental records were present within specified search radius. *Where applicable*, the ASTM standard search radius is indicated beside each list.

### **USEPA Information**

National Priorities List (NPL) -1 Mile  
Comprehensive Environmental Response, Compensation and Liability  
Information System List (CERCLIS) -0.5 Mile  
No Further Remedial Action Planned List (NFRAP) - 0.5 Mile  
Emergency Response Notification System List (ERNS) - 0.25 Mile  
RCRIS Handles with Corrective Action (CORRACT) -1 Mile  
Hazardous Waste Data Management System List (HWDMS)  
-TSD 1 Mile/nontsd 1/4 Mile

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Facility Index Data System List (FINDS) - 0.25 Mile  
Toxic Release Inventory System List (TRIS) - 0.25 Mile

**FDEP Information**

Florida State Funded Action Sites List (SFAS) -1 Mile  
Florida Sites List (SITE) - 0.5 Mile  
Solid Waste Facilities List (SLDWST) - 0.5 Mile  
Petroleum Contamination Tracking System Report (PCTS) - 0.5 Mile  
Stationary Tanks Inventory System List (TANKS) - 0.25 Mile  
Haz Waste Compliance & Enforcement Tracking System Rpt (COMHAZ) -Tsd  
1 Mile/nontsd 0.24 Mile

- Reviewing the available city directories for Tampa for the dates 1984, 1988, 1990, and 1997 to identify past land uses potentially involving hazardous material along the project corridor.
- Evaluating historical aerial photography of the project corridor taken in 1938, 1948, 1957, 1960, 1966, 1972, 1976, 1979, 1982, 1985, 1987, 1990, 1996, and 1997.
- Conducting in-the-field visual surveys within the study area in order to help verify known hazardous material sites and to identify and investigate any previously unrecorded sites focusing on underground storage tanks and hazardous material use storage or disposal.

**RESULTS**

As a result of the data collection efforts and field reconnaissance, this survey identified 15 sites along the project corridor containing hazardous materials, hazardous wastes, other regulated substances, and/or environmental contamination, or which have the potential to contain these materials. Maps showing the approximate location of each site are provided as Exhibit 3. Businesses that currently maintain underground storage tanks for petroleum products or sites that previously contained underground storage tanks constitute the majority of these sites. A summary of each site including the name, address, identification number (if any), potential contaminants, risk ranking, and potential for project involvement is provided in tabular format, following this page.

Using the information collected during the screening, each identified site was individually evaluated according to the Project Development and Environment (PD&E) Contamination Risk Evaluation Guideline, Revision 2, developed by FDOT District VII. Utilizing the FDOT risk evaluation rating system, each investigated site was assigned a rating of "No," "Low," "Medium," or "High" based upon the information collected during this contamination screening. The risk ratings assigned to each site are listed on the table and indicate the potential for involvement with contamination that could impact the 1999 alignment. Five sites were ranked "no" for no potential impact to the project.

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A ranking of "Low" was assigned to four sites because they are not expected to impact the project. A ranking of "Medium" was assigned to three sites because the screening data indicates some potential for impacting the project and a ranking of "High" was assigned to three sites. Each of the Medium and High ranked sites are discussed individually as follows.

**Site No. 7 (Vacant Parcel off West Frontage Road)** - This existing vacant parcel is located on the southwest corner of Fish Creek and Memorial Highway. Test pits from the archaeological survey conducted on this parcel contained modern debris and oil odor. A field review conducted on February 5, 1999, noted tires, plastic and glass bottles, asphalt shingles, concrete rubble, brick, aluminum and tin cans, Formica, clay and PVC pipe, car seats, mattress springs, lumber, foam rubber, carpeting, and other solid waste. Partial right-of-way acquisition is planned for this property. Risk rating is "High." Subsurface soil and groundwater testing for priority pollutants is recommended for this parcel.

**Site No. 11 (Redwing Carriers, Inc. - Eisenhower Blvd. & S.R. 60)** - This site is listed in the FDEP Stationary Tank Inventory (STI) with a closed facility status. The facility type is reported as "CONTAM SITE/PRIOR TK LOCATION." No tank information is supplied and the site is not included in the FDEP Petroleum Contamination Tracking System (PCTS). A review of the Hillsborough County Environmental Protection Commission (EPC) file on the site was inconclusive. The file contained only one map of a Palm River site with no written reports or correspondence of any kind. It is possible the STI listing was created to facilitate the clean up of a fuel spill in 1987 (see summary Table, Site No. 10). The city directories for 1984, 1988, and 1990 have no listings for Redwing Carriers on Eisenhower Blvd or the Courtney Campbell Causeway (SR 60). The former fuel carrier (if it existed) facility may have been located to the north and east of 6305 Courtney Campbell Causeway. Complete right-of-way acquisition is planned for this property. Risk rating is "High." Additional data search is recommended for this parcel. The suspect parcel may require soil and groundwater testing for petroleum products.

**Site No. 12 (PWC Floats/Millennium Limousine - 6353 Courtney Campbell Causeway)** - This existing limousine and boat storage facility is a former boat servicing facility (Tampa Boat Mart Service). Complete right-of-way acquisition is planned for this property. Risk rating is "Medium." Subsurface soil and groundwater testing for applicable priority pollutants is recommended for this parcel.

**Site No. 13 (The Texmex Cantina - 6415 Courtney Campbell Causeway)** - This existing restaurant is reported to have contained two gasoline underground storage tanks (USTs). The data base survey indicated that the gasoline USTs were removed in 1997 and that the site contains soil and groundwater contamination. The Contamination Assessment Report (CAR) (October 1997) developed by Progressive Environmental Consultants, Inc., for the site recommends a Limited Scope Remedial Action Plan (RAP) be generated. The RAP was not included in the EPC files. Complete right-of-way acquisition is planned for this property. Risk rating is "High." Subsurface soil and groundwater impacts delineated in the CAR appear to be limited. RAP development and site remediation will be required for this parcel.

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**Site No. 14 (Checker Drive-in Restaurant - 6421 Courtney Campbell Causeway)** - This existing restaurant is reported to have contained two USTs (former contents unknown). The data base survey indicated that the USTs were removed in 1992 and that site contained petroleum impacted soil. The Storage Tank Closure Assessment (prepared by REP Associates, Inc., November 1992) indicates that 14 soil vapor tests were conducted. Only one sample (at 60 ppm) was above the FDEP cleanup criteria of 50 ppm. An April 23, 1993, letter from EPC indicated that "the tank(s) were properly abandoned and no further assessment of the former storage tank system(s) are requested." Complete right-of-way acquisition is planned for this property. Risk rating is "Medium" because residue contaminants may be encountered during the project development.

**Site No. 15 (Former Allied Tire Store - 3302 Eisenhower Blvd.)** - This former gas station and auto repair facility, (AKA Sun Auto Repair) is reported to have contained two gasoline UST's. The site was identified in the 1991 screening, which prompted a Contamination Assessment and the removal of contaminated soil in 1992. No Further Action status for this site was approved by EPC on December 9, 1992. This site is within the current System 1 LINKS right-of-way. Risk rating is "Medium" because residue contaminants may be encountered during the project development.

## RECOMMENDATIONS

Level II investigations are recommended at three of the six sites ranked Medium or High where soil and/or groundwater contamination, should it exist, could potentially impact the System 1 LINKS project. At a minimum, Level II investigations should be conducted at those sites with direct project involvement. Direct project involvement means that all, or a portion of the site is located within the existing right-of-way or will be acquired for project right-of-way. The level of project involvement for each site is indicated on Table 1.

Level II investigations should include, but not be limited to: (1) an update review of FDEP and EPC files, and (2) the select sampling and analysis of each site's soil and groundwater to help determine the absence or presence of environmental contamination.

The findings of this contamination screening evaluation are based upon preliminary information only and are not intended to replace more detailed studies such as individual environmental site assessments and subsurface soil/groundwater investigations. Rather, this survey is intended as a preliminary guide for identifying potential contamination in the proposed System 1 LINKS project area. Other technical studies may be required to determine the existence of site contamination prior to right-of-way acquisition, utility relocation, or stormwater pond construction. It should be noted that potential contamination sites may extend beyond those identified in this preliminary survey because of limited historical and regulatory information, illegal dumping practices, and the lack of compliance with FDEP stationary tank registration and hazardous waste generator programs. Finally, the identification of a site in this report does not necessarily indicate that the site contains environmental contamination, but only that there is the potential for environmental contamination to occur.

TABLE

**LINKS CONTAMINATION SITE SCREENING - SITE SUMMARY  
ENVIRONMENTAL DOCUMENT REEVALUATION - FEBRUARY 1999**

Site Number	Site Name	Facility ID Numbers	Facility Status	Comments	Concern	Rank	1999 Acquisition
1 EDM 17, 18	Memorial & Cypress Ave. LF Cypress St. Adjacent Old Tampa Bay (S19-T29-R18)	Sites List 000366	Closed 1957	5-acre garbage fill, deletion from Sites list recommended 6-86 Noted as an office complex	Petroleum Haz-mat	Low	None
2 EDM 28	Social Security Administration AKA Colony Shops 3415 Frontage Road	29063924	Closed 1989	2-4000 gal gas UST's removed 1989 Contamination reported 1989 Cleanup completed 1992	Petroleum	Low	Partial
3 EDM 38	Concourse Center 3501 Frontage Road	299200538	Open	1-4000 gal diesel UST for backup generator No contamination reported	Petroleum	No	Partial
4 EDM 59	Alamo Rent-A-Car 5402 Spruce Street	298625604	Open	2-10,000 gal diesel UST's 4-6,000 gal gas UST's removed 1985 Contamination reported 1985, 90, 93 Cleanup ongoing	Petroleum	Low	None
5 EDM 57	Budget Rent-A-Car 5400 Spruce Street	298733634	Open	2-12,000 gal gas UST's 1-1,000 gal waste oil UST 1-1,000 gal new oil UST No contamination reported	Petroleum	No	None
6 EDM 61	Avis Rent-A-Car System Tampa International Airport Service Rd	298624865	Open	2-10,000 gal gas UST's 1-1,000 gal waste oil AST 1-1,000 gal new oil AST 7 UST's removed 1986-97 Contamination reported Cleanup ongoing	Petroleum Haz-mat	No	None
7	Vacant Parcel Fish Creek & Memorial Hwy. SW corner	None	NA	Modern debris discovered in archeological test pits 1999	Petroleum Haz-mat	High	Complete
8 EDM 66	Hyatt Regency Westshore 6200 Courtney Campbell Cswy	FLD984238220 299103517	Open Closed 1991	Small-Quantity-Generator No treatment/processes listed 1-550 gal diesel UST removed 1991 No contamination reported	Haz-mat	No	Partial
9 EDM 66	Bay Port Plaza 6200 Courtney Campbell Cswy	299400586	Closed 1993	1-560 gal diesel UST removed 1993 No contamination reported	Petroleum	No	Partial
10 EDM 65, 67	Redwing Carriers Fuel Spill Intersection Eisenhower Blvd. & SR 60	Sites List 000483 FLD982119778	 NFRAP	2000 gal gas spill in 1987 Groundwater contamination reported CAP submitted 1987 No further remedial action planned	Petroleum	Low	Within Existing R--O-W ?
11 EDM 67	Redwing Carriers Inc. Eishower Blvd. & Courtney Cswy	299101830	Closed 19xx	"Contam Site/Prior TK Location" Maybe associated with Site No 10	Petroleum	High	Complete ?
12	PWC Floats/Millennium Limousine AKA Tampa Boat Mart Service 6353 Courtney Campbell Cswy	None	Open	Auto and boat storage Former boat repair	Petroleum Haz-mat	Medium	Complete
13 EDM 72	Texmex Cantina 6415 Courtney Campbell Cswy	299700620	Closed 1997	2-3000 gal gas UST's removed 1997 Contamination reported 1997 Remedial Action Plan required	Petroleum	High	Complete
14 EDM 68	Checker Drive-in Restaurant 6421 Courtney Campbell Cswy	299202978	Closed 1992	3000 & 4000 UST's removed 1992 Report of discharge received 1992 No Further Action required 1993	Petroleum	Medium	Complete
15 EDM 70	Allied Tire Store AKA Sun Auto Repair 3302 Eisenhower Blvd	298625542 FLD981858293	Closed 1992 Closed 1992	3-4000 gas UST's removed 19xx Contamination reported 1991 No Further Action Status Approved 1992 Small-Quantity-Generator No treatment/processes listed	Petroleum Haz-mat	Medium	Within Existing R--O-W