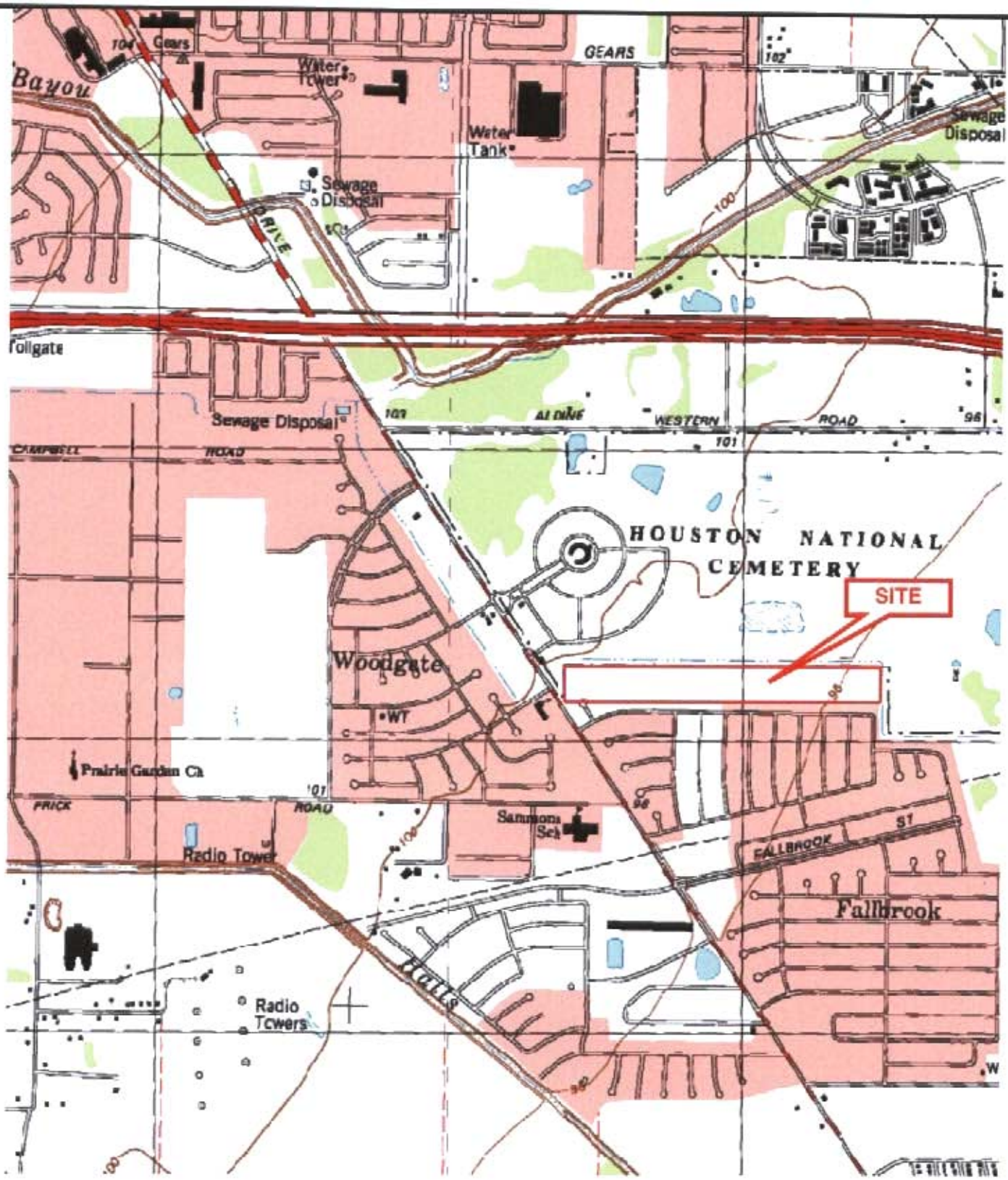
FIGURES



Source: United State Geological Survey Topographic Map of Aldine, Texas, dated 1995
Scale: 1 inch = 2,000 ft.

0 2000 feet

MACTEC

MACTEC ENGINEERING & CONSULTING, INC.
5500 GUHN ROAD
HOUSTON, TEXAS 77040

N

FIGURE 1
SITE TOPOGRAPHIC MAP
Proposed Site Acquisition
VA Houston National Cemetery
Houston, Texas
MACTEC Project 49357034-01

Source: 2002 Aerial Photograph
Scale: 1 inch = 2,000 ft.

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5500 GUHN ROAD
HOUSTON, TEXAS 77040

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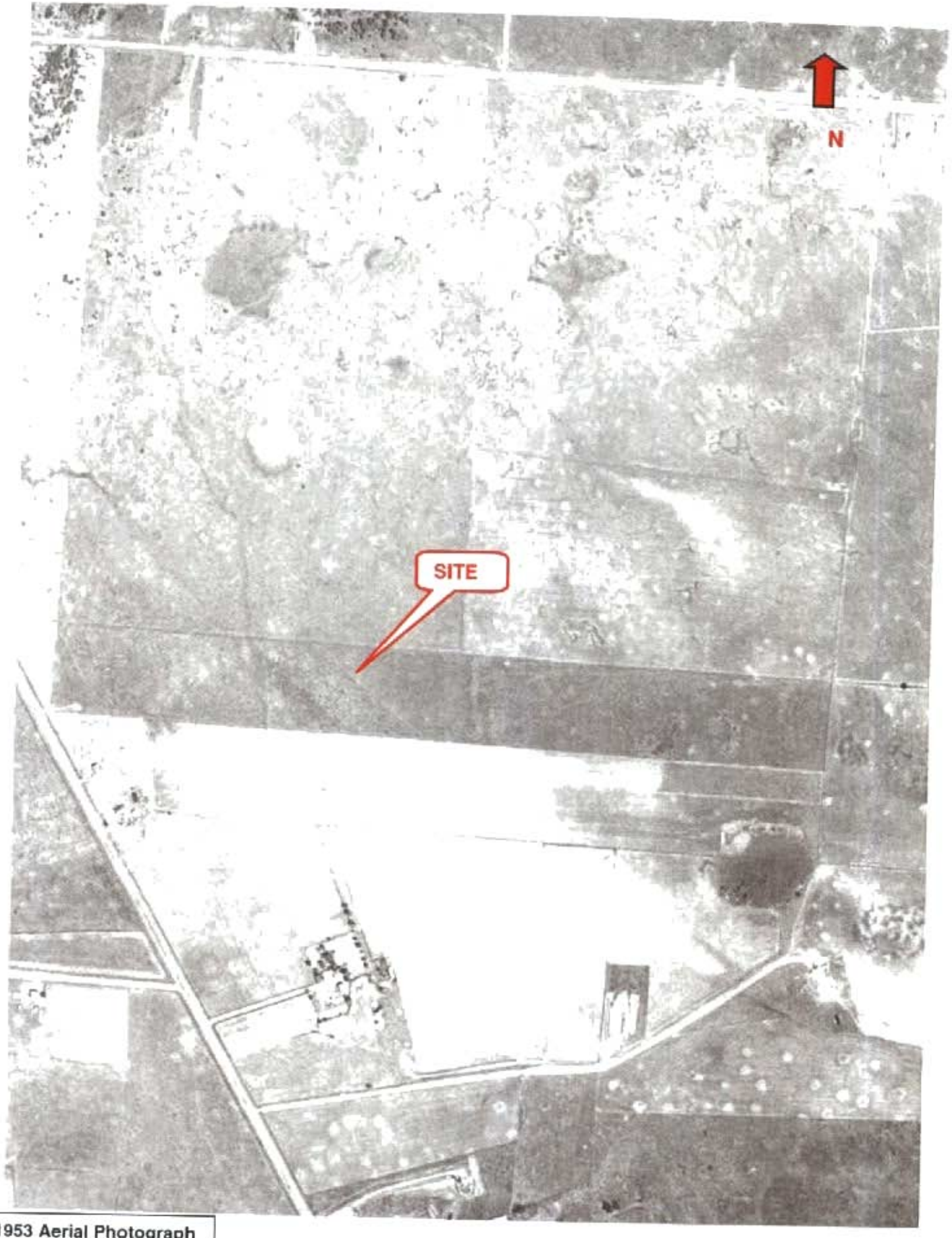
FIGURE 2
GENERAL SITE LOCATION MAP
Proposed Site Acquisition
VA Houston National Cemetery
Houston, Texas
MACTEC Project 49357034-01

APPENDIX A

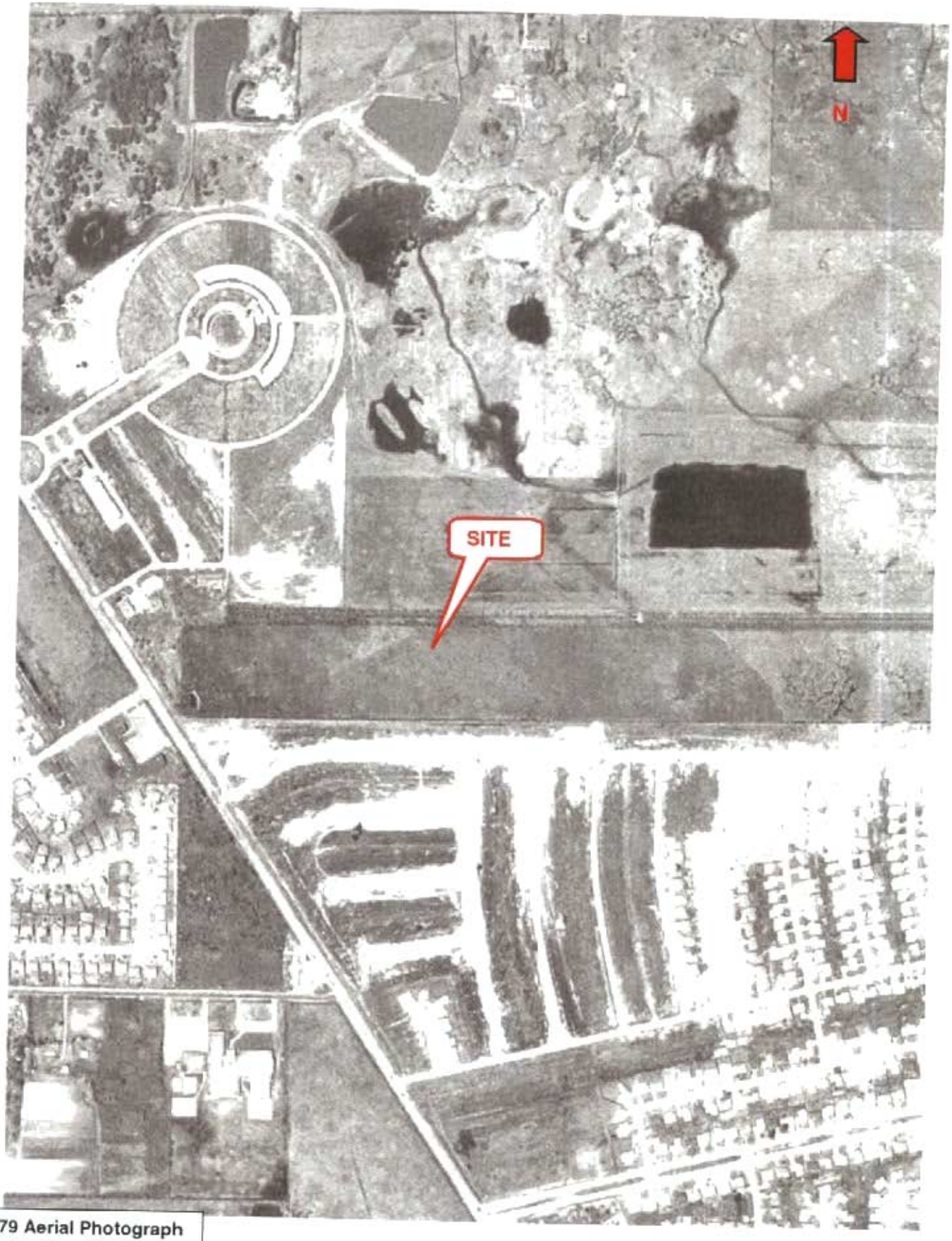
AERIAL PHOTOGRAPHS

1944 Aerial Photograph
Scale: 1" = 500'



1953 Aerial Photograph
Scale: 1" = 500'

1969 Aerial Photograph
Scale: 1" = 500'



1979 Aerial Photograph
Scale: 1" = 500'

1986 Aerial Photograph
Scale: 1" = 500'

1995 Aerial Photograph
Scale: 1" = 500'

APPENDIX B

HISTORICAL INFORMATION AND REGULATORY CORRESPONDENCE

MACTEC

November 23, 2004

Captain Bob Royall
Hazardous Materials Response Team
Houston Fire Department
Houston, Texas

Subject: **File Search**

Vacant Property
1600 Ruellen Lane South of Houston VA National Cemetary
Houston, Harris County, TX 77038
Key Map 372 W, 412 A

Dear Captain Royall:

I would like to request information regarding hazardous material accidents, spills, or complaints at the listed sites. If files are found, please call me at (713) 744-5828 prior to incurring costs. I can be reached at 713/744-5828 or via email at vaharris@mactec.com Thank you for your assistance.

Sincerely,

MACTEC ENGINEERING AND CONSULTING, INC.

Vanessa A. Harris, P.E.
Senior Environmental Engineer

VIA FACSIMILE: 713/928-6160

MACTEC Engineering and Consulting
5500 Guhn Rd • Houston, TX 77040
713-939-8444 • Fax: 713-462-1653

Houston Fire Department
Search Request

Following are all incidents at the requested location to which the Hazardous Materials Response Team responded from January 1, 1994 through today's date; they are not necessarily the only spills that may have occurred during the period of time. This report has been furnished by the Hazardous Materials Response Team. Contact person is Senior Captain Troy D. Lilley, phone number (713) 928-6711; FAX number (713) 928-6160.

NOTE: HMRT does not maintain records for locations outside of the City of Houston.

Requesting Company: MACTEC

Company Representative: VANESSA HARRIS

Company FAX Number: 713744582811/23/2004 - 19:53:22
Search ID #001204: Key Map coordinate 372W

No incidents in Key Map coordinate 372W during 1995.

No incidents in Key Map coordinate 372W during 1996.

No incidents in Key Map coordinate 372W during 1997.

No incidents in Key Map coordinate 372W during 1998.

No incidents in Key Map coordinate 372W during 1999.

No incidents in Key Map coordinate 372W during 2000.

No incidents in Key Map coordinate 372W during 2001.

No incidents in Key Map coordinate 372W during 2002.

No incidents in Key Map coordinate 372W during 2003.

No incidents in Key Map coordinate 372W during 2004.

End search: 19:54:05 (0 mins., 43 secs.)

MACTEC

November 23, 2004

Ms. Fleda Key
Harris County Pollution Control District

Subject: **File Information Request**
Undeveloped Land
1600 Ruellen Lane south of Houston VA National Cemetary
Houston, Harris County, Texas 77396
KEY MAP 372W 412 A

Dear Ms. Key:

I would like to request information regarding hazardous material accidents, spills or complaints involving the above listed property and the immediate vicinity.

Please send the information to me via email at vaharris@mactec.com or facsimile at 713-462-1653.

If there are any questions, please call me at 713-744-5828. Thank you for your assistance.

Sincerely,

MACTEC ENGINEERING & CONSULTING, INC.

Vanessa Harris
Senior Engineer

VIA FACSMILE: 713/477-8963

MACTEC Engineering and Consulting
5500 Guhn Rd • Houston, TX 77040
713-939-8444 • Fax: 713-462-1653

Harris County

HCPHES

Public Health & Environmental Services

Hermain Palacio, MD, MPH
Executive Director
2223 West Loop South
Houston, Texas 77027
Tele: (713) 439-6000
Fax: (713) 439-6080

Pollution Control Division

Bob Allen
Interim Division Director
Pollution Control
107 N. Munger
Pasadena, Texas 77506
Tele. (713) 920-2831
Fax: (713) 477-8963

Fax

Date:	11-30-04	**Pages:**	3 (including cover page)
To:	Vanessa Harris	**From:**	Fleda Key
Co.:	Mactec Engineering & Consulting	**Title:**	Public Records & System Admin.
Fax:	713-462-1653	**Fax:**	713-477-8963
Phone:	713-744-5828	**Phone:**	713-920-2831
e-mail:	Not Provided	**e-mail:**	fleda_key@co.harris.tx.us

Ms. Harris:

I have researched the Harris County Pollution Control Division files, which go back to the late 1970's and I **do not** locate any investigation reports, letters of correspondence, or any other sort of documents pertaining to the undeveloped land at 1600 Ruellen Lane (south of Houston VA National Cemetery). Attached are computer-generated reports listing investigations conducted by Pollution Control within Key Maps 372 W and 412 A. If you feel you need any of these company files pulled for viewing, please advise me. Keep in mind any correspondence dated before January, 2000 will be stored in our offsite warehouse and will take a few days to get them delivered to our offices. If I can be of further assistance to you please let me know.

Fleda Key

Harris County
HCPHES
Public Health & Environmental Services
Pollution Control Division

Investigation Listing

Investigation Date	Id No	Customer Name	Keymap	Investigator	Violation Issue Date	Violation
03/29/95	4304	Martin Pedraza	412A	RRC		
03/29/95	4307	Albert Chambers	412A	RRC		
04/27/96	4860	Salvador Maldonado	412A	GKC	05/01/96	30 TAC 111.101 and 101.4
04/01/97	4616	Lilja Hatchery	412A	JLW		
10/15/97	5735	Julian Chacon	412A	CDM	10/15/97	30 TAC, Section 330.5(C) - No vn sent
03/26/02	8525	Seven Days Food Store	412A	CAM	03/26/02	Stage II Vapor Recovery 30 TAC, Sections 115.246(4), (3), (5) and
04/18/02	8552	Handi Stop #82	412A	CAM	04/18/02	Stage II Vapor Recovery 30 TAC, Sections 115.246(3, 4, 5, 6) and 1
10/10/02	8877	S & S Hydrometers	412A	TDH		
10/23/02	4859	Roadmaster Engine Corp.	412A	ATJ	10/23/02	Storm Water Inspection TCEQ TPDES TWC Section 26.121
12/20/02	73	Fallbrook Utility District	412A	NRG		
02/20/03	9290	Texas Environmental Waste S	412A	NRG		
07/02/03	9550	Carl's Tires, Inc.	412A	WRP		
09/29/04	10484	Gustavo Arredondo	412A	KP	10/12/04	OUTDOOR BURNING 30 TAC, Section 111.201
10/20/04	10484	Gustavo Arredondo	412A	KP		

Harris County
HCPHES
Public Health & Environmental Services
Pollution Control Division

Investigation Listing

Investigation Date	Id No	Customer Name	Keymap	Investigator	Violation Issue Date	Violation
05/04/95	4360	Argie Neal	372W	NLC	06/07/95	30 TAC, Section 330.1148(a)
08/26/96	5091	Charles Duncan dba Duncan	372W	JW		
06/26/97	5091	Charles Duncan dba Duncan	372W	JW		
04/20/04	10054	Gabriel Trujillo	372W	EAG	05/05/04	TWC Section 26.121
05/21/04	10054	Gabriel Trujillo	372W	EAG		

Submitted from Web

Harris-Galveston Coastal Subsidence District

1660 West Bay Area Blvd.
Friendswood, TX 77546-2640
www.subsidence.org
Phone: (281) 486-1105 Fax: (281) 218-3700

COMPANY : MACTEC

PROJECT NO.: 49350470

Vanessa Harris,

Due to the large volume of requests for well data, it has been necessary to standardize our output format.

The enclosed listing shows all the sites on which wells have been permitted by the district within 0.5 mile(s) of the following point in the order of distance from that center point, (i.e. closest to farthest):

LATITUDE	29	DEG	55	MIN	39	SEC
LONGITUDE	95	DEG	26	MIN	44	SEC

Please note: It is possible that some of these sites may not actually have a producing well on them. We do not guarantee that these are the only wells within the range specified, only that these are the wells that are permitted with the district within this range. We regret that we cannot customize our output to individual specifications and hope that the enclosed list will serve your needs.

REPORT HEADINGS :

LATITUDE/LONGITUDE - (degrees, minutes, seconds)

STATE#/YRDRLLD - State Map Reference (block, quad, ninth) / Year Drilled

DTFS/DEPTH - Depth To First Screen / Total Depth

DIST/ELEV - Distance from your Reference Point / Elevation in feet above sea

APPROXIMATE XX PUMPAGE - Approximate number of gallons pumped for given year

USE - Purpose of well (Agricultural, Industrial, Other, Public supply)

DIAM - Diameter of casing in inches

Sincerely,

Eileen Windham

Eileen Windham
Permit System Clerk

HGCSD - WELL RADIUS LISTING

PROJECT NO.: 49350470

WELL	OWNERS - NAME	LATITUDE LONGITUDE	STATE NO YRDRLLD	DTFS DEPTH	DIST ELEV	APPROX 2003 PUMPAGE USE	DIAM
2923	ALDINE I.S.D.	29-55-20 95-27-2	65-5-5 1990	0 0	0.50 97	0 P	6

1976	N/A	1977	3,856,050	1978	4,047,100	1979	2,092,130
1980	2,136,020	1981	2,160,100	1982	1,577,030	1983	1,793,880
1984	1,843,630	1985	1,843,560	1986	1,922,665	1987	2,139,720
1988	2,351,200	1989	2,349,100	1990	2,497,700	1991	2,522,700
1992	1,849,600	1993	1,698,900	1994	1,999,098	1995	1,946,000
1996	299,000	1997	N/A	1998	N/A	1999	N/A
2000	N/A	2001	N/A	2002	N/A	2003	N/A

4284	Veterans Affairs, Dept. of	29-56-3 95-26-44	65-5-5 1990	600 1300	0.45 98	20,625,500 P	14

1976	N/A	1977	N/A	1978	N/A	1979	N/A
1980	N/A	1981	N/A	1982	N/A	1983	N/A
1984	N/A	1985	N/A	1986	N/A	1987	N/A
1988	N/A	1989	58,680	1990	6,683,000	1991	1,664,000
1992	7,161,000	1993	14,148,000	1994	16,738,000	1995	2,240
1996	1,750	1997	8,400,000	1998	24,314,000	1999	28,438,000
2000	15,643,000	2001	11,440,500	2002	19,820,500	2003	20,625,500

4811	Espinosa, Bertha C.	29-55-19 95-26-54	65-5-5 1979	30 40	0.42 100	100,000 P	2

1976	N/A	1977	N/A	1978	N/A	1979	N/A
1980	N/A	1981	N/A	1982	N/A	1983	N/A
1984	N/A	1985	N/A	1986	N/A	1987	N/A
1988	N/A	1989	N/A	1990	N/A	1991	N/A
1992	N/A	1993	N/A	1994	100,000	1995	100,000
1996	100,000	1997	100,000	1998	100,000	1999	100,000
2000	100,000	2001	100,000	2002	100,000	2003	100,000

6065	Veterans Affairs, Dept. of	29-55-58 95-27-1	65-5-5 19??	241 628	0.48 95	20,625,500 O	8

1976	N/A	1977	N/A	1978	N/A	1979	N/A
1980	N/A	1981	N/A	1982	N/A	1983	N/A
1984	N/A	1985	N/A	1986	N/A	1987	N/A
1988	N/A	1989	N/A	1990	N/A	1991	N/A
1992	N/A	1993	N/A	1994	N/A	1995	N/A
1996	N/A	1997	2,250,000	1998	7,548,000	1999	8,700,000
2000	15,643,000	2001	11,440,500	2002	19,820,500	2003	20,625,500

Total 2003 pumpage for the above wells is 41,351,000