

Texas Environmental Profiles

AN INFORMATION AND ON-LINE ACTIVISM RESOURCE FOR THE STATE OF TEXAS

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County Profile

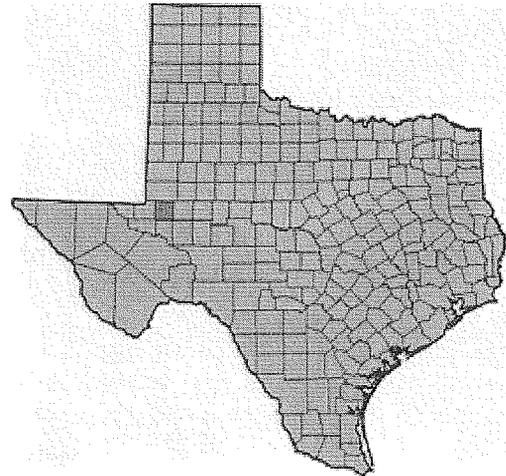
Ector
County

[Select another county](#)

Population in 2000: 123754 (26)

Population Projected for 2020: 164226 (27)

Detailed Demographic and Economic Information for:
Ector County



WATER QUALITY

INDICATOR	VALUE (RANK)
<u>Toxics Released to Surface Waters, 2001 (Pounds):</u>	5 (55)
Dioxins Released to surface waters (grams)	0 (6*)
<u>Number of State Wastewater Discharge Permits, 2002:</u>	4 (112)
Total Permitted Discharge (Millions of Gallons Per Day,):	5.67 (71)
<u>Number of Quality Impaired Surface Water Bodies, 2002:</u>	0 (157*)

[Information on Drinking Water Quality From U.S. EPA \(SDWIS\)](#)

WATER QUANTITY

INDICATOR	VALUE (RANK)
<u>Total Water Use 2000 (Acre-Feet):</u>	61697 (61)
Surface Water Use, 2000 (Acre-Feet):	44151 (27)
Ground Water Use, 2000 (Acre-Feet):	17546 (73)
<u>Per Capita Water Use 2000 (Gallons per Day):</u>	352.96 (7)
<u>Projected Total Water Use, 2020 (Acre-Feet):</u>	54607 (76)
<u>Total Number of Active Surface Water Rights Permits, 2002:</u>	2 (217)
Total Authorized Volume of Water, 2002 (Acre-Feet):	3,200 (162)
<u>Regional Water Planning Group:</u>	E

Number of Real-Time Streamflow Monitors in the County: 0

Reservoir Conservation Storage Level Data

Water Well Level Data

LAND

INDICATOR	VALUE (RANK)
<u>Total Area of County (Thousands of Acres):</u>	886 (175)
<u>Area Dedicated to Irrigated Cropland 2000 (Acres):</u>	1220 (150)
<u>Number of Conservation Reserve Program (CRP) Active Contracts, 1987-2003:</u>	0 (172*)
<u>Number of Acres of Agricultural Land Enrolled in the CRP, 1987-2003:</u>	0 (172*)
<u>Acres of Private Land Enrolled in Environmental Quality Incentives Program, 2002</u>	0 (150*)
<u>Acres of Private Land Enrolled in Wildlife Habitat Incentives Program, 2002</u>	0 (12*)
<u>Acres of Private Land Enrolled in Wetlands Reserve Program, 2002</u>	0 (28*)
<u>Number of Fedral and State Superfund Sites, 2002:</u>	4 (4)
<u>Number of Contaminated Voluntary Cleanup Program Sites, 2002:</u>	7 (24)

WILDLIFE AND BIODIVERSITY

INDICATOR	VALUE (RANK)
<u>Number of Federally Listed or Proposed Endangered or Threatened Animal or Plant Species, 1999</u>	1 (142)
<u>Number of Eco-Regions Found in the County:</u>	3

AIR QUALITY

INDICATOR	VALUE (RANK)
<u>Air Emissions of Criteria Pollutants, 1999 (Tons):</u>	74733.69 (40)
<u>Criteria Emissions From Mobile Sources, 1999 (Tons):</u>	53832 (35)
<u>Criteria Emissions From Industrial Sources, 2000 (Tons):</u>	13003.69 (34)
<u>Criteria Emissions From Area Sources, 1999 (Tons):</u>	7898 (68)
<u>Tons of Power Plant Air Emissions of Criteria Air Pollutants, 2000</u>	0 (76*)
<u>Toxics Released to Air, 2001 (Pounds):</u>	1428825.14 (15)
<u>Dioxins Released to Air (grams)</u>	1.16 (20)
<u>Number of Ambient Air Quality Monitors:</u>	4 (8)
<u>Compliance with 1-hour air ambient ozone standard, 2002:</u>	attain

Information on 8 Hour Ozone Standard Compliance

WASTE

INDICATOR	VALUE (RANK)
<u>Number of Facilities Releasing Toxics, 2001:</u>	11 (25)
<u>Total Pounds of Toxics Released Industrial Facilities and Power Plants, 2001</u>	1454232.44 (28)
<u>Pounds Released On-site by Industrial Facilities and Power Plants, 2001</u>	1439620.24 (22)
<u>Pounds Released Off-site by Industrial Facilities and Power Plants, 2001</u>	14612.2 (43)

Total Grams of Dioxins and Dioxin-Like Compounds by Industrial Facilities and Power Plants, 2001	1.16 (25)
Grams of Dioxins and Dioxin-Like Compounds Released On-Site , 2001	1.16 (22)
Grams of Dioxins and Dioxin-Like Compounds Released Off-Site , 2001	0 (9*)
<u>Industrial Hazardous Waste Generated, 1999 (Tons)</u>	10056.2 (29)
<u>Facilities with Permits to Treat, Store or Dispose of Hazardous Waste, 2002:</u>	0 (10*)
<u>Hazardous Waste Managed, 1999 (Tons):</u>	2738.17 (34)
<u>Tons of Hazardous Waste Managed at Captive Facilities, 1999</u>	0 (13*)
<u>Tons of Hazardous Waste Managed at Commercial Facilities, 1999</u>	0 (27*)
<u>Tons of Hazardous Waste Managed On-Site, 1999</u>	2738.17 (30)
<u>Number of Leaking Underground Storage Tanks, 2002:</u>	236 (18)
Number That Still Need to be Cleaned Up, 2002:	91 (17)
<u>Locate Recycling and Household Hazardous Waste Disposal Centers Near You</u>	

ENERGY

INDICATOR	VALUE (RANK)
<u>Number of Power Plants, 2000:</u>	0 (99*)
Maximum Capacity of Power Plants, 2000: (Kilowatts)	0 (86*)
<u>Number of Regular Producing Oil Wells, 2002:</u>	5448 (3)
No. of Injection Oil Wells, 2002	1878 (3)
<u>Number of Regular Producing Gas Wells, 2002:</u>	129 (87)
Number of of Temporarily Abandoned Gas Wells, 2002	5 (94)

HEALTH INDICATORS

INDICATOR	VALUE (RANK)
<u>Total Number of Cancer Incidents, 1997</u>	506 (26)
Rate of Cancer per 100,000 persons, 1997	394 (89)
<u>Estimated Additional Cancer Risk Due to Hazardous Air Pollutants (Per 1,000,000 people), 2000</u>	240 (88)
<u>Number of Deliveries with any Birth Defect, 1997</u>	43 (18)
Rate of Birth Defect per 100 Live Births, 1997	1.9 (87)

*Indicator value for this county is tied for lowest value in the state

Note: Rankings are done across all 254 counties in Texas. Counties with the highest value for an indicator are ranked number one. Indicators that have the same value in more than one county are given the same ranking.

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County Profiles: Water Quantity

County Name:

Ector

Residential Per-Capita Water Use, 2000 (gallons per day):	352.96
Irrigation Efficiency, Total Acre-Feet Used per Acre of Irrigated Land, 2000:	2.20
Total Number of Authorized or Permitted Active Surface Water Rights, 2002	2
Total Volume of Water Permitted in Active Surface Water Rights, 2002	3200

Current and Projected Water Use by Sector (acre-feet)

Sector	2000	2020
Electric Utility:	0	6700
Irrigation	2694	8399
Livestock	202	218
Manufacturing	2432	2413
Mining	8481	6892
Municipal	47888	29985

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County Profile: Eco-Regions

County:
Ector

This county is part of the following Eco-Region(s):

[Big Bend Country](#)

[Hill Country](#)

[Panhandle Plains](#)

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line 104 ECTOR



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See Also:	LPST Database Query		Reimbursement Database Query	
	PST Technical and Registration Assistance		Back to PST Registration Database Query Home Page	

LPST Database Query Results

The following sites were found for "ECTOR" County. For additional details about a LPST site and optional correspondence and Corrective Action Response Forms (CARF), select the appropriate check boxes in the Details column under the LPST ID of interest and click on the Submit button. You may also click on any of the links in the columns to the right and get a new query returning the first 25 sites for the type of query that you selected.

The data was last updated on September 16, 2004.

The following are facilities 1 - 100 out of total of 238. For more facilities click on the link(s) at the bottom of this page.

LPST ID	Responsible Party/ Facility Name	Facility ID	Address	County/ TNRCC Region
91699 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0039521	603 E 2ND ODESSA	ECTOR
	STOP N GO MARKETS 1743			07, ODESSA
97088 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0039586	6001 EASTRIDGE ODESSA	ECTOR
	STOP N GO MARKETS 1796			07, ODESSA
97136 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0039524	2712 E 8TH ST ODESSA	ECTOR
	FORMER 7 ELEVEN 29479			07, ODESSA
97137 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0007013	2700 N DIXIE ODESSA	ECTOR
	FORMER 7 ELEVEN 21097			07, ODESSA
101045 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0008379	601 W 2ND ST ODESSA	ECTOR
	7 ELEVEN 57119			07, ODESSA
106953				

<input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0007009	2626 N GRANDVIEW ODESSA	ECTOR
	7 ELEVEN 57115			07, ODESSA
106956 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0039592	600 S GRANDVIEW ODESSA	ECTOR
	7 ELEVEN			07, ODESSA
106968 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0007021	801 N HARLESS ODESSA	ECTOR
	7 ELEVEN			07, ODESSA
106990 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0007012	1101 E 42ND ST ODESSA	ECTOR
	7 ELEVEN			07, ODESSA
107850 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0039581	1401 W UNIVERSITY ODESSA	ECTOR
	7 ELEVEN 57121			07, ODESSA
107852 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0007022	1000 N GRANT ODESSA	ECTOR
	7 ELEVEN 57101			07, ODESSA
107856 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	7 ELEVEN INC	0039602	4100 E 52ND ODESSA	ECTOR
	7 ELEVEN 57133			07, ODESSA
100182 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	A 1 CONSTRUCTION INC	0052155	3207 KERMIT HWY ODESSA	ECTOR
	A 1 CONSTRUCTION CO			07, ODESSA
93284 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	ABF TREADCO FREIGHT SYSTEM INC	0000123	502 N DIXIE ODESSA	ECTOR
	ABF FREIGHT SYSTEMS INC			07, ODESSA
106024 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	ADAMS RONALD	0042987	8860 W LOOP 338 N ODESSA	ECTOR
	CAPROCK TRUCKING			07, ODESSA
95153 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	AMERICAN FENCE	0021664	8701 E HWY 80 ODESSA	ECTOR
	AMERICAN FENCE CO			07, ODESSA
	AMOCO			

93074 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>PRODUCTION OFFICE</u> <u>NORTH COWDEN OPERATIONS CNTR</u>	0002966	HWY 158 GOLDSMITH	<u>ECTOR</u> 07, ODESSA
97502 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>AMWEST SAVINGS</u> <u>G&M PUMP CO INC</u>	0055960	1017 E 4TH ST ODESSA	<u>ECTOR</u> 07, ODESSA
97501 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>AREA TANKS INC</u> <u>AREA TANKS INC</u>	0000156	6701 W 16TH ST ODESSA	<u>ECTOR</u> 07, ODESSA
101046 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>ATCO SERVICES</u> <u>ATCO SERVICES</u>	0021626	2450 N ALTURAS ODESSA	<u>ECTOR</u> 07, ODESSA
96557 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>ATOFINA PETROCHEMICALS INC</u> <u>FINA OIL & CHEMICAL CO NO 1320</u>	0024803	5202 N DIXIE ODESSA	<u>ECTOR</u> 07, ODESSA
101610 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>B & B CONSTRUCTION</u> <u>B & B CONSTRUCTION</u>	0022554	1601 W MURPHY ODESSA	<u>ECTOR</u> 07, ODESSA
103428 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>B J SERVICES</u> <u>B J SERVICES FORMERLY WESTERN CO</u>	0068313	FM 1936 ODESSA	<u>ECTOR</u> 07, ODESSA
107743 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>B J SERVICES</u> <u>B J SERVICE CENTER</u>	0038700	825 S GRANDVIEW ODESSA	<u>ECTOR</u> 07, ODESSA
108788 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>B J SERVICES</u> <u>BJ SERVICES</u>	0038699	2359 E IH 20 ODESSA	<u>ECTOR</u> 07, ODESSA
114864 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	<u>BAKRI TONY</u> <u>EASY FLOW TRUCK STOP NO 1909</u>	0047993	IH 20 PENWELL	Ector 07, Odessa
100359 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF	<u>BALIE GRIFFITH FIRESTONE</u> <u>BALIE GRIFFITH</u>	0009772	400 N TEXAS ODESSA	<u>ECTOR</u>

<input type="button" value="Submit"/>	FIRESTONE			07, ODESSA
91824 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	BIDCO	0047251	312 E 2ND ST ODESSA	ECTOR
	BIDCO			07, ODESSA
93446 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	BJ SERVICES CO CORP OFF	0038698	2505 W 2ND ST ODESSA	ECTOR
	BJ TITAN SERVICES			07, ODESSA
100360 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	BRONCHO CHEVROLET	0004259	500 W 2ND ODESSA	ECTOR
	BRONCHO CHEVROLET			07, ODESSA
103095 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	BROWN WELL SER	0062859	1703 W COUNTY RD ODESSA	ECTOR
	BROWN WELL SER			07, ODESSA
101603 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	BRYSON TANK		PEARL ST ODESSA	ECTOR
	BRYSON TANK			07, ODESSA
108589 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	BURNS KEN	0000841	2104 W 39TH ODESSA	ECTOR
	EMCO STORAGE YARD			07, ODESSA
103770 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	C & M ROOFING INC	0024019	2107 N JACKSON AVE ODESSA	ECTOR
	C & M ROOFING			07, ODESSA
101362 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CASWELL ROYAL	0048027	318 W 2ND ST ODESSA	ECTOR
	CARS PLUS			07, ODESSA
107235 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CENTRIFLO PUMP & MACHINE CO	0053527	340 S MEADOW ODESSA	ECTOR
	CENTRIFLO PUMP & MACHINE CO			07, ODESSA
97554 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CHAMPION TECHNOLOGY INC	0031803	115 PROCTOR ODESSA	ECTOR
	CHAMPION TECHNOLOGY INC			07, ODESSA
96229 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF	CHARLES J GEORGE INC	0054335	8100 SPRAGUE ODESSA	ECTOR
	CHARLES J GEORGE			07, ODESSA

<input type="button" value="Submit"/>	INC			
93730 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CHEVRON PRODUCTS CO CHEVRON 60106588	0028581	1363 E 8TH ST ODESSA	ECTOR 07, ODESSA
93731 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CHEVRON USA INC CHEVRON STATION	0028582	3901 N ANDREWS HWY ODESSA	ECTOR 07, ODESSA
107456 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CITY OF ODESSA POLICE DEPT	0024396	205 N GRANT ODESSA	ECTOR 07, ODESSA
113192 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CITY OF ODESSA SHREDDER PLANT 2	0024395	820 W 42ND ST ODESSA	ECTOR 07, ODESSA
114883 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CITY OF ODESSA POOL ROAD FACILITY	0024394	801 E POOL RD ODESSA	Ector 07, Odessa
100341 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CLEO J THOMPSON J CLEO THOMPSON	0012348	117 W YUKON ODESSA	ECTOR 07, ODESSA
100796 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	CLYDE CONSTRUCTION CLYDE CONSTRUCTION CO	0012941	1111 PAGEDWOOD ODESSA	ECTOR 07, ODESSA
96769 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	DALE MEYER TRUCKING DALE MEYER TRUCKING	0021975	54TH ODESSA	ECTOR 07, ODESSA
100067 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	DEWEES ESTATE TRUST WINCHES	0059825	3356 KERMIT HWY ODESSA	ECTOR 07, ODESSA
93229 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	DIAMOND SHAMROCK REF & MKTG CO KENT KWIK 208	0045212	1100 N GRANDVIEW ODESSA	ECTOR 07, ODESSA
100108 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF	DIAMOND SHAMROCK REF & MKTG CO	0045211	620 E 8TH ST ODESSA	ECTOR

<input type="button" value="Submit"/>	DIAMOND SHAMROCK 452			07, ODESSA
100875 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	DIAMOND SHAMROCK REF & MKTG CO	0045213	803 S CRANE ODESSA	ECTOR
<input type="button" value="Submit"/>	DIAMOND SHAMROCK 454			07, ODESSA
107243 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	DIVERSIFIED WAREHOUSING	0000902	600 S INDUSTRIAL AVE ODESSA	ECTOR
<input type="button" value="Submit"/>	DIVERSIFIED WAREHOUSING			07, ODESSA
102109 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	DOBBS PRINTING	0025297	1218 N TEXAS ODESSA	ECTOR
<input type="button" value="Submit"/>	DOBBS PRINTING			07, ODESSA
103320 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	DST PROPERTIES INC	0048807	2150 W 38TH ST ODESSA	ECTOR
<input type="button" value="Submit"/>	LYNX TOOL CO FORMERLY DOTCO			07, ODESSA
94374 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	E E EASLEY INC	0016199	701 N GRANDVIEW ODESSA	ECTOR
<input type="button" value="Submit"/>	EASLEYS CITGO			07, ODESSA
100361 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	E E HENSLEY & SON	0038475	400 S ALMA GOLDSMITH	ECTOR
<input type="button" value="Submit"/>	GOLDSMITH WELL SERVICE			07, ODESSA
104521 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	E E HENSLEY & SON	0038479	912 W COUNTY RD ODESSA	ECTOR
<input type="button" value="Submit"/>	CHEVRON FOOD MART 1			07, ODESSA
107106 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	E E HENSLEY & SON	0038474	1200 W 10TH ST ODESSA	ECTOR
<input type="button" value="Submit"/>	LUPES GULF			07, ODESSA
95094 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	E E HENSLEY & SONS INC	0038476	1601 S GRANT AVE ODESSA	ECTOR
<input type="button" value="Submit"/>	E E HENSLEY & SON INC			07, ODESSA
104149 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	E Z MART STORES INC	0010266	1607 W COUNTY ODESSA	ECTOR
<input type="button" value="Submit"/>	E Z MART 245			07, ODESSA
101765 <input type="checkbox"/> Corresp	ECTOR COUNTY			ECTOR
			7000 ANDREWS HWY	

<input type="checkbox"/> CARF Submit	SCHLEMEYER AIRPORT	0003062	ODESSA	07, ODESSA
108637 Corresp <input type="checkbox"/> CARF Submit	ECTOR COUNTY	0009022	7613 W DUNN ST ODESSA	ECTOR
	ECTOR COUNTY VEHICLE MAINTENANCE			07, ODESSA
114880 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	ECTOR COUNTY ISD	0016737	2211 W 10TH ST ODESSA	Ector
	ECTOR ISD TRANSPORTATION CTR			07, Odessa
94711 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EDDINS WALCHER CO	0050983	7009 W UNIVERSITY ODESSA	ECTOR
	S L Tiner CONSTRUCTION			07, ODESSA
100107 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EDDINS WALCHER CO	0007755	3479 W 42ND ST ODESSA	ECTOR
	EDDINS WALCHER			07, ODESSA
111671 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EDDINS WALCHER CO	0068835	9421 ANDREWS HWY ODESSA	ECTOR
	FORMER RELIANCE AERO PRODUCTS			07, ODESSA
107291 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	ENCLEAN INC	0065179	2446 STEVENS RD ODESSA	ECTOR
	ENCLEAN INC			07, ODESSA
94182 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	ENTERPRISE TRANSPORTATION CO	0028343	2607 FM 1936 ODESSA	ECTOR
	ODESSA			07, ODESSA
109064 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	ENVIRONMENTAL IMPACT		2700 W 43RD ODESSA	ECTOR
	CARL SAMSON			07, ODESSA
100153 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EXXON CO USA	0026557	2672 W COUNTY RD ODESSA	ECTOR
	EXXON 61298			07, ODESSA
105224 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EXXON CO USA	0026548	1601 W COUNTY RD ODESSA	ECTOR
	STONEWATER ENERGY EXXON			07, ODESSA
106587 <input type="checkbox"/> Corresp	EXXON COMPANY USA	0026573	4041 MAPLE	ECTOR

<input type="checkbox"/> CARF Submit	EXXON 6 2842		ODESSA	07, ODESSA
96241 Corresp CARF Submit	EXXONMOBIL 1ST ST FACILITY	0053615	701 E 1ST ST ODESSA	ECTOR 07, ODESSA
99040 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EXXONMOBIL EXXON 67604	0026330	1100 E 42ND ST ODESSA	ECTOR 07, ODESSA
100429 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EXXONMOBIL EXXON 62791	0026569	2544 ANDREWS HWY ODESSA	ECTOR 07, ODESSA
100827 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	EXXONMOBIL EXXON 60526	0026543	2701 N GRANDVIEW ODESSA	ECTOR 07, ODESSA
104423 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	FDIC MIEMAC	0048655	8700 W COUNTY RD ODESSA	ECTOR 07, ODESSA
103006 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	FDIC C O GOMEZ DEBBIE AMRESKO JCFJCC	0003240	241 S GRANDVIEW ODESSA	ECTOR 07, ODESSA
98939 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	FFP OPERATING PARTNERS FFP 730 CAMACHOS FINA	0030379	2000 W 2ND ST ODESSA	ECTOR 07, ODESSA
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97135 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF Submit	FLINT ENGINEERING & CONSTRUCT FLINT ENGINEERING & CONSTRUCTION CO	0023996	W LOOP 338 ODESSA	ECTOR 07, ODESSA
107746 Corresp CARF Submit	FRANKS FUELS FRANKS FUELS INC	0063905	4201 W 42ND ODESSA	ECTOR 07, ODESSA
	FRUEHAUF			

102704 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	TRAILER OPERATIONS	0036905	11705 E HWY 80 ODESSA	ECTOR
	FRUEHAUF TRAILER OPERATIONS			07, ODESSA
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	G Q SALMON & SON INC			07, ODESSA
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	PENNY WISE GROCERY ECON 102			07, ODESSA
108099 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	GOODYEAR TIRE & RUBBER CO	0072198	2821 ANDREWS HWY ODESSA	ECTOR
	FORMERLY GOODYEAR AUTO SERVICE C			07, ODESSA
95252 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HADLEY ROBERT	0012027	8518 W COUNTY RD ODESSA	ECTOR
	ROBERT HADLEY			07, ODESSA
104385 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HALL Q L	0063983	2631 E PEARL ODESSA	ECTOR
	HALL FACILITY			07, ODESSA
94180 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HALLIBURTON SERVICES	0022833	HWY 80 ODESSA	ECTOR
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	HALLIBURTON SERVICES			07, ODESSA
108934 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HENSLEY E E & SON	0051286	825 W 1ST ST ODESSA	ECTOR
	ODESSA BULK PLANT			07, ODESSA
114400 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HERMAN JIMMIE	0060953	635 EXPRESSWAY ODESSA	Ector
	JIMMIE HERMANS VAC SERVICE			07, Odessa
105754 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF	HIGHLAND PUMP		1105 S GRANDVIEW ODESSA	ECTOR
	HIGHLAND PUMP			07, ODESSA

<input type="button" value="Submit"/>				
105589 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINESLY TOM SUPERIOR GARAGE	0063624	1501 S GRANT ODESSA	ECTOR 07, ODESSA
93650 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINKLE DISTRIBUTORS CONLEY LOTT NICHOLS MACHINERY	0032006	E HWY 80 ODESSA	ECTOR 07, ODESSA
96876 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINKLE DISTRIBUTORS S & S CONVENIENCE STORE	0051744	2801 N FM 1936 ODESSA	ECTOR 07, ODESSA
99950 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINKLE DISTRIBUTORS DUNKLES 3	0032020	2000 E 8TH ST ODESSA	ECTOR 07, ODESSA
100065 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINKLE ENTERPRISES HINKLE 12	0032022	HWY 385 GARDENDALE	ECTOR 07, ODESSA
100275 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINKLE ENTERPRISES JACK ARLEDGE OLDS CADILLAC	0032013	2603 E 8TH ST ODESSA	ECTOR 07, ODESSA
100357 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINKLE ENTERPRISES WEST TEXAS EQUIPMENT CO	0032011	2301 PRODUCTION AVE ODESSA	ECTOR 07, ODESSA
113993 <input type="checkbox"/> Corresp <input type="checkbox"/> CARF <input type="button" value="Submit"/>	HINKLE ENTERPRISES HINKLE LOC 15 DUNKLES	0032025	1900 E 42ND ST ODESSA	Ector 07, Odessa

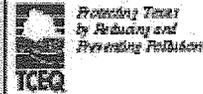
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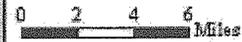
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Last Modified: September 16, 2004

Ector County



Texas Commission on Environmental Quality
 Web/GIS Team (MC-197)
 P.O. Box 13087
 Austin, Texas 78711-3087

October 4, 2004

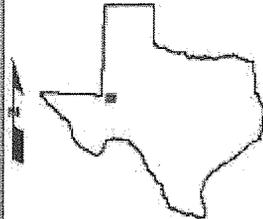


Projection: Texas Statewide Mapping System (TSMS)

Legend

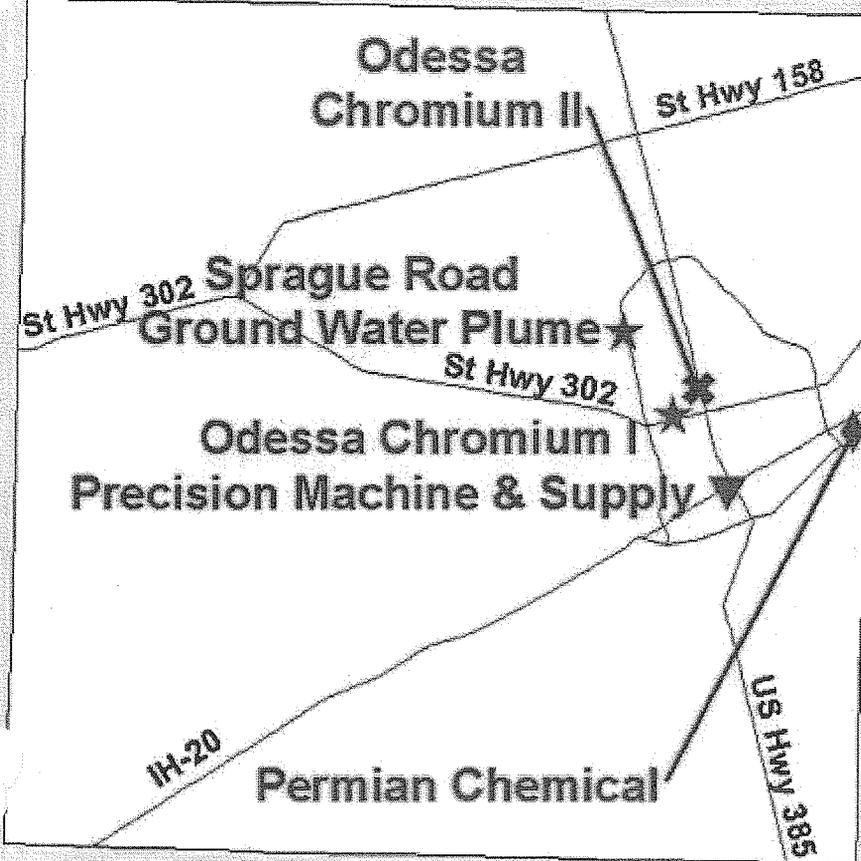
- Interstate Highway
- U.S. Highway
- State Highway
- ★ Federal Superfund Site - Active
- ▼ State Superfund Site - Active
- ◆ State Superfund Site - Deleted
- ✱ Federal Superfund Site - Deleted

Source: The Counties layer was derived from U.S. Census Bureau TIGER/Line data. The Highways layers were obtained from Geographic Data Technology, Inc., and are based on U.S. Census Bureau TIGER/Line data. The Superfund sites layer was developed by the Texas Commission on Environmental Quality.



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MS&Dorough - CEF041001095





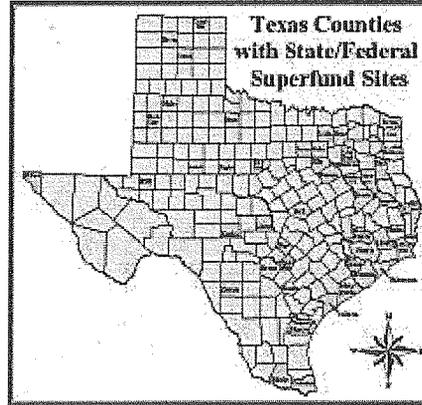
Texas Natural Resource Conservation Commission

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EPA: Odessa Chromium 1

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S Ranking:
 (Registry: 09/24/2004)

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Other Remediation Division Programs

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[Contracting Support Program](#)

[CERCLA Corrective Action](#)

[CERCLA Innocent Owner/Operator Program](#)

EPA ID:	TXD980867279
Location	Odessa, Ector County Map
Latitude	31°50'29"N
Longitude	-102°21'48"W
Hazard Ranking Score	42.24
Contaminants At Time Of RI	Hexavalent Chromium
TCEQ Region	Odessa - 7
Legislative District	Texas Senate - 31 Texas House - 81 U.S. Congress - 19

Site Description

- Location:**
- The site is located in the vicinity of 44th Street and Brazos Avenue in Odessa.
- Population:**
- Approximately 3,500 persons live outside the city limits, within one mile of the site.
- Setting:**
- The nearest residence is within the site boundaries. The nearest drinking water well is also on site.
 - Approximately 200 water wells are within one half mile of the site.
 - A municipal water well is within 1,250 feet of the site.
 - The sources of site contamination are within a 10-acre industrial area.
 - The estimated surface projection of the groundwater plume is more than 20 acres.
- Hydrology:**

[Natural Resource Trustee Program](#)

- The Trinity-Edwards aquifer is sandstone and conglomerate rock, overlaid by 20-60 feet of soil and caliche (hard-pan).
- The aquifer itself is 60-100 feet thick and underlain by redbed clays.
- The depth to groundwater at the site is 75 feet.

[Petroleum Storage Tank Program](#)

[Texas Risk Reduction Program - TRRP](#)

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[Superfund Site Discovery and Assessment Program](#)

Wastes and Volumes

- The principal pollutant found during the remedial investigation was hexavalent chromium, ranging to 72 parts per million (ppm) in groundwater.
- The volume of groundwater treated is 191 million gallons as of August 31, 2001.

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[Texas Superfund Main Web Page](#)

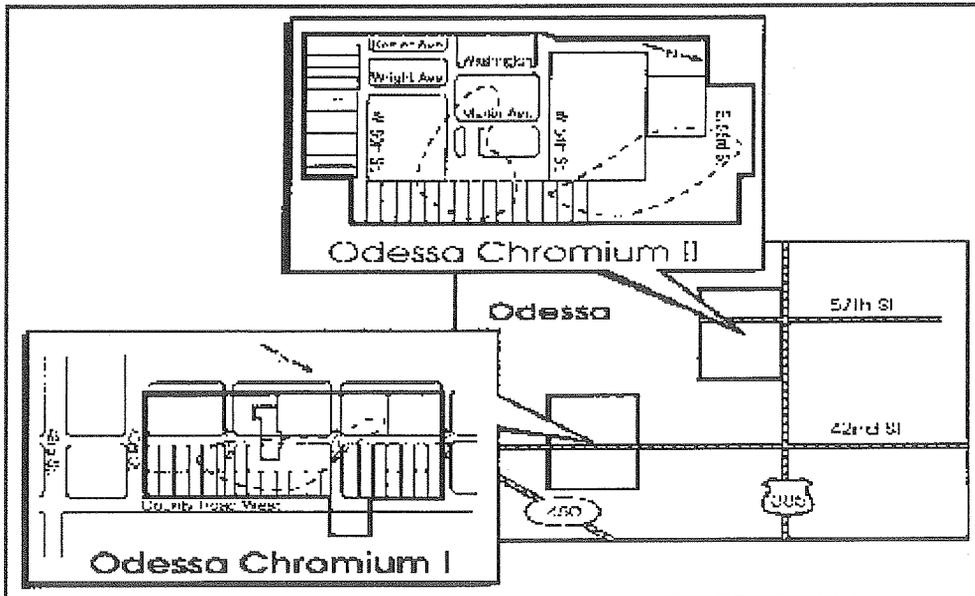
[Voluntary Cleanup Program](#)

Site Assessment and Ranking

NPL LISTING HISTORY
Site HRS Score: 42.24
Proposed Date: October 15, 1984
Final Date: May 20, 1986
NPL Update: No. 2

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Site Map and Diagram



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The Remediation Process

Site History:

- Contamination resulted from chrome plating operations from the late 1960s-1970s.
- Site remediation has been addressed in two phases by the Texas Natural Resource Conservation Commission (formerly known as the Texas Water Commission).
- The first phase, or operable unit, dealt with development of an alternate water supply for area residents and businesses.
- The second phase addressed the source and remediation of the chromium in the groundwater.
- The remedial investigation and feasibility studies for the two phases were completed in September 1986 (alternate water supply) and 1988 (source/groundwater).

Health Considerations:

- More than a 20-acre portion of the area's sole source aquifer (Trinity) is contaminated.
- Groundwater contamination has been documented in 16 of 200 existing wells sampled.
- 5 of 14 monitoring wells contained detectable levels of chromium.
- The affected wells are outside of the city water supply service area.

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Record of Decision

Signed: September 8, 1986 (Alternate Water Supply)

Alternate Water Supply Phase:

- For this phase, the record of decision calls for an extension of the existing municipal water supply system to those persons residing within the impacted area.

Other Remedies Considered	Reason Not Chosen
----------------------------------	--------------------------

No Action

- Did not meet remedial objectives; not protective of human health and the environment

Development of surface water supply

- High monthly water bills for users; water association must be formed

Removal via treatment

- Stringent operational review required to ensure contaminants are properly removed

Development of new well field

- Long term supply of water questionable

Signed: March 18, 1988 (Source/Groundwater)

**Source Control/
Groundwater**

- This record of decision selected extraction and electrochemical treatment of contaminated groundwater from the Trinity Aquifer.

Other Remedies Considered	Reason Not Chosen
----------------------------------	--------------------------

No Action

- Did not meet remedial objectives; not protective of human health and the environment

Containment wall

- Difficult to implement; high cost to users

Ion exchange

- System would generate a hazardous sludge

Chemical treatment

- Treatment may have increased total dissolved solids of the groundwater

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Community Involvement

Community Involvement Plan

- Developed: June 1985 | Revised: September 1989 | Revised: December 1992.

Open houses and workshops

- April 1986 | December 1987 | September 1989 | January 1991

Fact sheet: Proposed plan and public meeting

- Alternate water supply: July 1986 | Source/groundwater: January 1988

Fact sheet: Record of Decision

- Alternate water supply: September 1986 | Source/groundwater: March 1988

Fact sheet: Milestones

- EPA: January 1985 | August 1985 | December 1987 | March 1990 | Texas Water Commission: September 1990 | December 1990 | January

1991 | February 1994

**Citizens
on mailing list
Constituency interest**

- 33
- Low to moderate concerns regarding site after alternate water supply was brought on line.

Site repositories

- **Ector County Library**
321 W. Fifth Street
Odessa, TX
- **Permian Basin Regional Planning Commission**
2910 Laforce Blvd.
Odessa, TX
- **EPA Region 6**
files in Dallas, TX. Please call first.
Contact: 1-800-887-6063 for file viewing information and hours open | Written request through Freedom of Information Act (FOIA)
FOIA Officer, Jerva Duram
1445 Ross Avenue
Dallas, TX 75202
- **TCEQ Records Management Center**
files in Austin, TX.
Contact: 1-512-239-2920 for file viewing information and hours open
TCEQ Records Management Center
Building E, North Entrance
P.O. Box 13087
Austin, TX 78711

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Technical Assistance Grant

**Availability notice
Letters of Intent
received**

- April 11, 1989
- Gerald Fugit, Chrom Sites, Inc.
December 20, 1990

**Draft application
received**

- April 10, 1991
- None - Application denied

Grant Award

- No Technical Assistant Grant in process

Current Status

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Contacts at EPA, TCEQ

**EPA Remedial
project manager**

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Mail code: 6SF-AP

**TCEQ project
manager**

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**Community
involvement
coordinator**

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Mail code: 6SF-AP

Attorney

- Anne Foster,
Phone: 1-214-665-2169
Mail code: 6RC-F

State Coordinator

- Ms. Karen Bond
Phone: 1-214-665-6682
E-mail: bond.karen@epa.gov

**Public Liaison
(EPA Region 6)**

- Mr. Arnold Ondarza
Phone: 1-303-312-6777
E-mail: ondarza.arnold@epa.gov

Prime contractor

- Shaw - E&I - plant operations - Dave
Duncan

Engineer

- Shaw - E&I - Jimmy Gibson, PE

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Present Status and Issues

- The provision of an alternate water supply eliminated the potential for exposure to contaminants at the Odessa Chromium 1 site while final groundwater cleanup activities proceeded.
- A groundwater pump and treat system is operating in conjunction with ferrous sulfate treatment to remove chromium contamination from the aquifer.
- An "Explanation of Significant Differences" for the Record of Decision has been signed/approved by EPA on October 25, 1999, to add "ferrous sulfate in-situ treatment" to the Record of Decision.
- Active ferrous sulfate in-situ treatment is being re-conducted at the site and has achieved remediation goals in four of the eight (**RW-1, RW-2, RW-3 and RW-5**) Trinity Aquifer recovery wells.
- The Texas Commission on Environmental Quality and its contractor (Shaw - E&I) are evaluating options to achieve site remedial goals.

- The Texas Commission on Environmental Quality and its contractor (Shaw - E&I) conducted sampling and analysis on site wells in March 2003, for both tri and hex-valence chromium. Upon receipt of analytical results, further enhancement action will be evaluated.
- The State of Texas (TCEQ) has taken over the site and its contractors are in-situ treating the remaining site wells.

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Benefits of Action

- A safe alternative drinking water supply has been provided for approximately 3,500 people living in the site area.
- The remedy has treated over 246 million gallons of contaminated groundwater from the Trinity Aquifer of the Odessa area.

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Emergency & Hot Line Phone Numbers

Texas Superfund Hot Line 1-800-633-9363
For Texas Superfund Information

EPA Superfund Hot Line 1-800-533-3508
For EPA Region 6 (NM, LA, OK, AR, TX)

Spill Reporting 1-800-832-8224
Texas Spill Reporting Hot Line

EPA Region 6 Environmental Emergencies 1-866-372-7745

COUNTY INDEX TO ALL TEXAS SUPERFUND SITES

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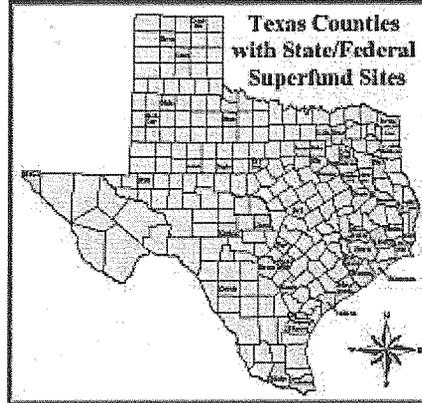
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Last Modified: June 4, 2004

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EPA: Odessa Chromium 2

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S Ranking:

(Registry: 09/24/2004)

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Other Remediation Division Programs

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[innocent Owner/Operator Program](#)

EPA ID:	TXD980697114
Location	Odessa, Ector County Map
Latitude	31°53' 35"N
Longitude	-102°23' 23"W
Hazard Ranking Score	42.24
Contaminants At Time Of RI	Hexavalent Chromium
EPA Region	Texas - 6
TCEQ Region	Odessa - 7
Legislative District	Texas Senate - 31 Texas House - 81 U.S. Congress - 19

Site Description

- Location:**
- The site is located in the vicinity of Andrews Highway, between West 52nd Street and West 57th Street, Odessa, Ector County.
- Population:**
- Approximately 3,500 persons live outside the city limits, within one mile of the site.
- Setting:**
- The nearest residence is within the site boundaries.
 - The nearest drinking water well is also on site.
 - Approximately 400 water wells are within one half mile of the site.
 - Several municipal water supply wells are within a half mile of the site.

[Natural Resource Trustee Program](#)

[Petroleum Storage Tank Program](#)

[Texas Risk Reduction Program - TRRP](#)

[Superfund Site Discovery and Assessment Program](#)

[Texas Superfund Main Web Page](#)

[Voluntary Cleanup Program](#)

Hydrology:

- The sources of site contamination are within a 15-acre industrial area, outside the City of Odessa.
- The estimated surface projection of groundwater plumes is more than 40 acres.
- The Trinity-Edwards aquifer is sandstone and conglomerate rock, overlaid by 20 to 60 feet of soil and caliche (hard-pan).
- The aquifer itself is 60 to 100 feet thick and underlain by redbed clays.
- The depth to groundwater at the site is 75 feet.

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Wastes and Volumes

- The principal pollutant found during the remedial investigation was hexavalent chromium, ranging to 9.9 parts per million (ppm) in the groundwater.
- The estimated volume of contaminated groundwater in the aquifer is 200 million gallons.

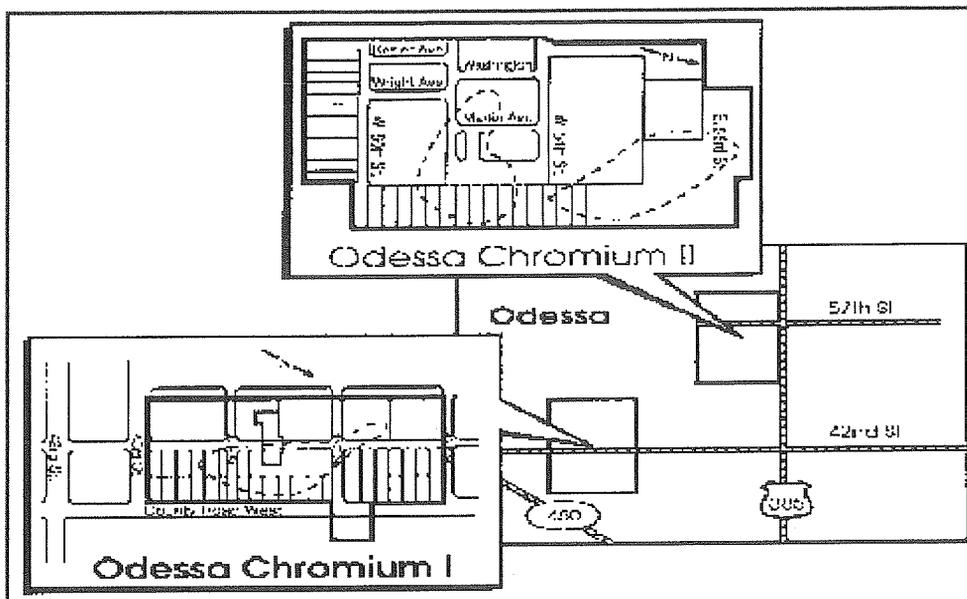
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Site Assessment and Ranking

NPL LISTING HISTORY
Site HRS Score: 42.24
Proposed Date: October 15, 1984
Final Date: May 20, 1986
NPL Update: No. 2
Deleted From NPL: July 19, 2004

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Site Map and Diagram



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The Remediation Process

Site History:

- Contamination resulted from chrome plating operations from the late 1960s-1970s.
- Cleanup at the site was divided into three phases, or operable units: development of an alternate water supply for area residents and cleanup of the contaminated groundwater. (source control/ground water) The groundwater phase was further divided to deal with a north plume of contamination under an enforcement scenario with potentially responsible parties funding the cleanup, and a south plume under a "fund-lead" scenario (cost recovery only).
- The remedial investigation and feasibility studies (RI/FS) for the alternate water supply and remediation phase were completed in September 1986 (alternate water supply) and March 1988 (source control/ground water).
- The remedial investigation and feasibility studies and south plume activities were conducted by the Texas Commission on Environmental Quality.

Health Considerations:

- More than a 40-acre portion of the area's sole source aquifer (Trinity) showed contamination.
- 14 out of 318 wells showed total chromium at or above the drinking water

standard which was 0.05 milligrams/liter (mg/l) at the onset of remediation activities. (The action level for chromium contamination in ground water was revised from 0.05 mg/l to 0.10 mg/l to reflect the new drinking water standards promulgated in the *Federal Register* No. 3528 on January 30, 1991.

- Affected wells are outside of the city water supply service area.

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Record of Decision

Signed: September 8, 1986 (Alternate Water Supply)

Alternate Water Supply Phase:

- For this phase, the record of decision called for an extension of the existing municipal water supply system to those persons residing within the impacted area.

Other Remedies Considered	Reason Not Chosen
---------------------------	-------------------

No Action

- Did not meet remedial objectives; not protective of human health and the environment

Development of surface water supply

- High monthly water bills for users; water association would have to be formed

Removal via treatment

- Stringent operational review required to ensure contaminants are properly removed

Development of new well field

- Long term supply of water questionable

Signed: March 18, 1988 (Source/Ground Water)

Source Control/ Ground Water

- This record of decision selected extraction and electrochemical treatment of contaminated ground water from the Trinity Aquifer for the south plume.
- The record of decision was changed, through an explanation of significant differences (ESD) to an ion exchange

treatment for the north plume.

Other Remedies Considered	Reason Not Chosen
---------------------------	-------------------

- | | |
|---------------------------|--|
| No Action | <ul style="list-style-type: none"> ■ Did not meet remedial objectives; not protective of human health and the environment |
| Containment wall | <ul style="list-style-type: none"> ■ Difficult to implement; high cost to users |
| Ion exchange | <ul style="list-style-type: none"> ■ System would generate a hazardous sludge |
| Chemical treatment | <ul style="list-style-type: none"> ■ Treatment may have increased total dissolved solids of the groundwater |

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<p>Addendum to Record of Decision Signed: June 28, 1994 (Explanation of Significant Differences)</p>

Explanation of Significant Differences

- Explanation of significant differences for change from electrochemical treatment to ion exchange for the north plume was signed June 24, 1994.
- Public was notified in October 1994.
- Shutdown with only two perch zone wells being pumped at the south plume and the water is measured separately and transported to Odessa Chromium 1 for treatment.

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<p>Addendum to Record of Decision Signed: October 25, 1999 (Explanation of Significant Differences)</p>
--

Explanation of Significant Differences

- Explanation of significant differences adding in situ ferrous sulfate treatment was approved and signed by EPA on October 25, 1999.

Community Involvement

Community Involvement Plan

- Developed: June 1985 |
 Revised: September 1989 |
 Revised: December 1992.

**Open houses
and workshops**

- April 1986 | December 1987 |
September 1989 | January 1991

**Fact Sheet:
Proposed plan and
public meeting**

- Alternate water supply: July 1986 |
Source/groundwater: January 1988

**Fact sheet:
Record
of Decision**

- Alternate water supply: September
1986 | source/ground water: March 1988

**Fact sheet:
Milestones**

- EPA: January 1985 | August
1985 | December 1987 | March
1990 | Texas Water
Commission: September 1990
(TWC) | December 1990 (TWC) | January
1991 (TWC) | August 1994
(EPA) | Explanation of significant
differences notice: October 1994.

**Citizens
on mailing list
Constituency
interest**

- 33
- Low to moderate concerns regarding site
after alternate water supply was brought on
line.

Site repositories

- **Ector County Library**
321 W. Fifth Street
Odessa, TX
- **EPA Region 6**
files in Dallas, TX. Please call first.
Contact: 1-800-887-6063 for file viewing
information and hours open | Written
request through Freedom of Information
Act (FOIA)
FOIA Officer, Jerva Duram
1445 Ross Avenue
Dallas, TX 75202
- **TCEQ Records Management Center**
files in Austin, TX.
Contact: 1-512-239-2920 for file viewing
information and hours open
Building E
P.O. Box 13087 Mail Code 199
Austin, TX 78711

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Technical Assistance Grant**Availability notice
Letters of Intent**

- April 11, 1989

- received
 - Gerald Fugit, Chrom Sites, Inc.
December 20, 1990
- Draft application received**
 - April 10, 1991
- Grant Award**
 - None - Application denied
- Current Status**
 - No Technical Assistant Grant in process

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Contacts at EPA, TCEQ

>

EPA Remedial project manager

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Attorney

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- Karen Bond
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- Arnold Ondarza
Phone: 1-303-312-6777
E-mail: ondarza.arnold@epa.gov

Engineering Prime contractors

- IT Corp.: South plume
- Alternate water supply: Panhandle Construction Co.
- Waste Abatement Technology (Pump and treat ground water and ferrous sulfate treatment through August 30, 2001): IT Corp.

Engineering

- North plume: ERM Southwest, Ron Grimes, Project Manager
- Bureau of Reclamation (EPA Oversight)

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Present Status and Issues

- The residents around the Odessa Chromium 2 site are now provided with safe drinking water, eliminating possible health threats while groundwater cleanup activities continue to reduce contamination at the site.
- The remedial design for the north plume included both electrochemical treatment and ion exchange with resin recycling (thus addressing waste sludge concerns). The remedial action is proceeding for ion exchange.
- An explanation of significant differences (ESD) for the change from electrochemical treatment to ion exchange for the north plume was signed June 28, 1994. The public was notified in October 1994.
- Only two perch zone wells were being pumped at the south plume and the water is measured separately and transported to Odessa Chromium 1 for treatment.
- An "Explanation of Significant Differences" for the Record of Decision was approved/signed by EPA on October 25, 1999, adding "ferrous sulfate in-situ treatment" to the Record of Decision.
- The Odessa Chromium 2 north and south plume remedy has achieved the remediation goals in the Trinity Aquifer wells. De-mobilization of the treatment plant equipment and de-contamination of the treatment plant was completed as of February 9, 2001, in the south plume site.
- The remaining activity is underway, as SEQUA has submitted to EPA and comments issued by EPA on the draft post-closure report and operation and maintenance plan.
- EPA has received SEQUA's remedial action post-closure report, that was dated May 8, 2003, and TCEQ's south plume remedial action post-closure report, that was dated January 2002..
- The explanation of significant differences for both the north and south plumes was signed on September 10, 2003, and EPA's final remedial action closeout report for both the north and south plumes was signed on September 18, 2003. The remediation goal has been achieved for the site.
- The closeout report verifying Odessa Chromium 2, north and south plumes

remedy remediation was signed by EPA on September 18, 2003.

- The one-step notice of deletion and deletion notice was signed by EPA on April 4, 2004.

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Benefits of Action

- A safe alternate drinking water supply in the Trinity aquifer has been provided for approximately 3,500 people living in the immediate area of the north and south plume remediated site areas.

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Emergency & Hot Line Phone Numbers

Texas Superfund Hot Line 1-800-633-9363
For Texas Superfund Information

EPA Superfund Hot Line 1-800-533-3508
For EPA Region 6 (NM, LA, OK, AR, TX)

Spill Reporting 1-800-832-8224
Texas Spill Reporting Hot Line

EPA Region 6 Environmental Emergencies 1-866-372-7745

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Permian Chemical Company

EPA ID: TXD087491528 (Photos)
Location: (Map) Odessa, Ector County
Status: Cleanup Complete
Type of Facility: Chemical Manufacturer
Category: Deleted from Registry

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Site Background:

The Permian Chemical Company site is approximately 30 acres located southeast of downtown Odessa at 325 Pronto Avenue (formerly numbered as 1901 Pronto Road). The Permian Chemical Company manufactured hydrochloric acid and potassium sulfate fertilizer by reacting sulfuric acid with potassium chloride. During the course of operations, spills and leaks occurred. Also, the company used two ditches to flow hazardous (pH of less than 2) wastewater to onsite impoundments. The site was abandoned in 1988, leaving an unknown amount of hydrochloric acid in the process lines and tanks and a large amount of potassium sulfate on site. Sample results indicated that lead and chromium were present in the sediments of a pond on the north portion of the site. The quality of the groundwater in the upper and lower water-bearing zones under the site has been affected by the activities on site.

<i>Media Affected</i>	Groundwater, Soil
<i>Latitude</i>	31°52'21"N
<i>Longitude</i>	-102°17'58"W
<i>Hazard Ranking Score</i>	10.12
<i>Contaminants At Time Of HRS</i>	Chromium, Lead, Trihalomethanes
<i>TCEQ Region</i>	Odessa - 7
<i>Legislative District</i>	Texas Senate - 31 Texas House - 81 U.S. Congress - 19

Project Contact: Carol Boucher
 512/239-2501 or 1-800/633-9363
 E-mail: cboucher@tceq.state.tx.us

Community Relations Coordinator: Janie Montemayor
 512/239-3844 or 1-800/633-9363
 E-mail: jmontema@tceq.state.tx.us

Funded by: Hazardous & Solid Waste

Natural Resource
Trustee Program

Petroleum Storage
Tank Program

Texas Risk Reduction
Program - TRRP

Superfund Site
Discovery and
Assessment Program

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Main Web Page

Voluntary Cleanup
Program

Contractor:

Records Repository:

Remediation Fee Account

Woodward-Clyde Consultants, Houston

Ector County Library

321 W. Fifth Street

Odessa TX 79761

915/332-0633

TCEQ Records Management Center

12100 Park 35 Circle

NEW LOCATION: North entry Building
E

Go past elevators, first door on right

Austin TX 78753

512/239-2920

At TCEQ Austin, parking for visitors and the handicapped is available on the east side of Building D near IH-35 and on the west side of Building E, convenient to wheelchair access ramps that are between Building D and Building E.

Superfund Actions Taken to Date:

- July 16, 1993, a legal notice was published in the *Texas Register*, (18 TexReg 4709) describing the site; proposing the site to the state Superfund registry, and announcing a public meeting would be held August 19, 1993 at the Odessa City Council Chambers to receive comments on the proposal of the site to the state Superfund registry.
- August 1993, the emergency response team acted to limit dangers that contaminants may have posed to public health and safety or the environment by removing potassium sulfate from the site, constructing a site perimeter fence to limit unauthorized access, and posting signs warning of contamination.
- September 1, 1993, effective date of the creation of the Texas Natural Resource Conservation Commission from the joining of the Texas Water Commission and the Texas Air Control Board and a portion of the Texas Department of Health.
- October 1, 1994, TNRCC issued a work order to determine the nature and extent of contamination (RI/FS).
- November 1996, a removal action was conducted to contain acidic process fluids. Solid by-product materials were collected and drummed. Unstable process structures at the site were dismantled and stockpiled in an interim storage area to eliminate potential hazards.
- August 28, 1997, remedial investigation Phase I completed.
- June 22, 1999, remedial investigation Phase II, consisting of determination of the extent of the groundwater plume, underway.
- July 23, 1999, legal notices were published in the *Texas Register*, (24 TexReg 5798) and the *Odessa American*, proposing non-residential land use specifications for remediation of the site contamination. The land use designation may be considered in a remedial action proposed for the site. The text of the legal notice in portable document format, may be viewed or downloaded from this TNRCC

Superfund web site. A public meeting, to receive citizen comments, was to be held August 30, 1999, at the Ector County Courthouse, Commissioner Court Room.

- August 30, 1999, a public meeting was held at the Ector County Courthouse, Commissioner Court Room to present to the community a proposed non-residential land use for the site, and to receive citizen comments. Determination of land use may impact any remedial action proposed for the site.
- May 5, 2000, TNRCC approved the Phase II remedial investigation report.
- June 26, 2000, the baseline risk assessment report was completed. The results of the risk assessment concluded that, with the exception of onsite low-pH materials, the site does not pose unacceptable excessive risk to human health or the environment.
Addendum: Although the groundwater had low levels of contaminants, it was determined in the risk assessment that the contaminants did not pose a threat.
- July 1, 2000, TNRCC issued a work order for performance of a comprehensive waste inventory and waste characterization of all onsite wastes, including remaining process facilities' waste and investigation-derived waste. This study was to be used to support waste removal activities at the site.
- May 31, 2001, TNRCC received the waste removal action work plan. The plan outlined disposition of investigation-derived waste and some remaining Class I wastes. Based on investigative technical reports, TNRCC concluded that the site did not pose an unacceptable risk to human health or the environment. No further remedial action was warranted at the site. Conditions at the site met commercial/industrial cleanup criteria established by 30 Texas Administrative Code, Chapter 350 (Texas Risk Reduction Program).
- December 13, 2001, TNRCC approved the waste removal action report which related that all investigation-derived waste, hazardous waste and Class 1 wastes had been removed from the site and sent to an authorized waste disposal facility.
- January 18, 2002, legal notices were published in the *Texas Register*, (27 TexReg 511-512), and the *Odessa American*, proposing to delete the site from the state Superfund registry in accordance with 30 TAC §335.344, and inviting public comment on the determination that the site no longer presents an imminent and substantial endangerment to public health and safety or the environment. A public meeting was scheduled for February 26, 2002 at the Ector County Library. No further remedial action planned. The text of the legal notice in Adobe Acrobat pdf format, may be viewed or downloaded from this TNRCC Superfund web site.
- February 6, 2002: Addendum to June 26, 2000 information.
- February 6, 2002: Added December 13, 2001 information.
- February 26, 2002, a public meeting was held at the Ector County Library, Rotary Room in Odessa. No challenges or comments were received on the determination that the site no longer presents an imminent and substantial endangerment to public health and safety or the environment, and the proposal to delete the site from the Superfund registry.
- April 19, 2002, a legal notice was published in the *Texas Register*, officially deleting the Permian Chemical Company site from the state

Superfund registry in accordance with 30 TAC §335.344(c). The text of the legal notice in Adobe Acrobat pdf format may be viewed or downloaded from this TNRCC web site. No challenges or comments were received on the determination that the site no longer presented an imminent and substantial endangerment to public health and safety or the environment. No further remedial action planned.

- April 23, 2002, an updated community relations plan was prepared for the Permian Chemical Company site. The text of the community relations plan in Adobe Acrobat pdf format, may be viewed or downloaded from this TNRCC Superfund web site. Due to space limitations, the electronic version does not include graphic illustrations or copies of documents cited as references in the community relations plan. The complete community relations plan is available as part of official repository records at the Ector County Library and at the TNRCC Records Management Center.
- September 1, 2002, effective date of the name change from Texas Natural Resource Conservation Commission (TNRCC) to Texas Commission on Environmental Quality (TCEQ).

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Precision Machine and Supply

EPA ID: TXD008025058 ([Photos](#))
Location: ([Map](#)) Odessa, Ector County
Status: Cleanup Complete (O&M)
Type of Facility: Chrome Plating and Machine Shop
Category: [Listed on Registry](#)

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Site Background:

The Precision Machine and Supply site is located at 500 West Olive Street in Odessa. This site was operated from 1952 until December 1980 as a machine and chrome-plating shop. The 0.75-acre site consists of a metal building, an alley, and a fenced yard. Operations at the site generated chromic acid rinsate, which was stored in a 1,500-gallon fiberglass underground tank, prior to disposal off site. Two concrete slabs, equipped with drains leading to the tank, were used as wash racks for rinsing chrome parts.

<i>Media Affected</i>	Shallow Groundwater, Soil
<i>Latitude</i>	31°50'29"N
<i>Longitude</i>	-102°21'48"W
<i>Hazard Ranking Score</i>	23.73
<i>Contaminants At Time Of HRS</i>	Chromium
<i>TCEQ Region</i>	Odessa - 7
<i>Legislative District</i>	Texas Senate - 31 Texas House - 81 U.S. Congress - 19

Project Contact: Kristian Mauricio
 512/239-2493 or 1-800/633-9363
 E-mail: kmaurici@tceq.state.tx.us

Community Relations Coordinator: Janie Montemayor
 512/239-3844 or 1-800/633-9363
 E-mail: jmontema@tceq.state.tx.us

Funded by: Hazardous & Solid Waste Remediation Fee Account

Records Repository: *Ector County Library*
 321 W. Fifth Street
 Odessa TX 79761

Natural Resource
Trustee Program

915/332-0633

Petroleum Storage
Tank Program***TCEQ Records Management Center***

12100 Park 35 Circle

NEW LOCATION: North entry Building
ETexas Risk Reduction
Program - TRRP

Go past elevators, first door on right

Austin TX 78753

Superfund Site
Discovery and
Assessment Program

512/239-2920

Texas Superfund
Main Web Page**At TCEQ Austin, parking for visitors
and the handicapped is available on the
east side of Building D near IH-35 and on
the west side of Building E, convenient to
wheelchair access ramps that are between
Building D and Building E.**Voluntary Cleanup
Program

Superfund Actions Taken to Date:

- October 16, 1987, a legal notice was published in the *Texas Register*, (12 TexReg 3858-3859) describing the site, proposing the site to the state Superfund registry, and announcing that a public meeting to receive citizen comments would be held at Odessa City Hall on October 29, 1987 in Odessa.
- January 22, 1988, a legal notice was published in the *Texas Register*, (13 TexReg 427-428) listing the site on the state Superfund registry.
- September 25, 1990, the Texas Water Commission published a legal notice in the *Texas Register*, (15 TexReg 5624-5625) soliciting services of a consultant to perform the remedial investigation/feasibility study (RI/FS) at the site.
- October 1991, TNRCC issued a work order to determine the nature and extent of contamination (remedial investigation/feasibility study).
- September 1, 1993, effective date of the creation of the Texas Natural Resource Conservation Commission from the joining of the Texas Water Commission and the Texas Air Control Board and a portion of the Texas Department of Health.
- In October 1995, the TNRCC divided the site into two operable units, groundwater and soil, with separate remedies to be proposed for each unit.
- May 24, 1996, the final report was approved, marking completion of the remedial investigation/feasibility study phase.
- May 31, 1996, a legal notice was published in the *Texas Register*, (21 TexReg 4911) announcing a public meeting would be held at Odessa City Council Chamber on July 16, 1996, to present to the community the best choice among cleanup remedies for the soil unit, and to receive citizen comments to be considered in the final recommended remedy. The text of the legal notice in portable document format, may be viewed or downloaded from this TNRCC Superfund web site.
- July 16, 1996, a public meeting was held at Odessa City Council Chambers to present to the community the proposed choice among cleanup remedies for the soil unit, which was excavation, off-site transport and disposal. Groundwater recovery and treatment was proposed for the groundwater unit.

- November 28, 1997, legal notices were published in the *Texas Register*, (22 TexReg 11850-11851) and the *Odessa American*. The text of the legal notice in portable document format, may be viewed or downloaded from this TNRCC Superfund web site. A public meeting was to be held at the Ector County Library on January 8, 1998, to present to the community the amendments to the recommended cleanup remedy
- January 8, 1998, a public meeting was held at the Ector County Library to present to the community the amendments to the recommended cleanup remedies for the soil and groundwater units.
- May 20, 1998, an administrative order was issued for remediation of the soil and the groundwater units.
- January 6, 1998, TNRCC issued a work order for design of the selected remedy.
- May 13, 1998, remedial design for the groundwater unit was underway.
- June 1, 1998, TNRCC issued an administrative order, directing the potentially responsible party to perform or fund the remedial design and remedial action for the cleanup. The order set cleanup levels, selected the remedy for cleanup, and established rules, responsibilities and enforcement options for remedial design/remedial action under state Superfund process.
- June 11, 1998, effective date for the administrative order for the remedial design and remedial action for the site.
- August 31, 1998, a contract was awarded for the soil remedial action.
- February 1999, the contractor reported the soil unit remedial action was substantially complete.
- November 1, 1999, an amendment to the agreed administrative order for the remedial design of the groundwater was accepted.
- March 20, 2000, four additional monitoring wells were installed to better define the groundwater unit.
- June 16, 2000, TNRCC reviewed and approved the groundwater investigation and modeling report.
- October 25, 2000, a contract was issued for oversight of the remedial action.
- October 31, 2000, remedial design was completed for the groundwater remediation
- December 15, 2000, TNRCC opened and tabulated bids for the remedial action.
- February 14, 2001, the contractor was notified to mobilize for the remedial action.
- March 13, 2001, an affidavit of lien payable to the commission was filed in the Ector County real property records by the TNRCC. The lien was filed pursuant to the Texas Solid Waste Disposal Act, Texas Health and Safety Code §361.194, to recover the state's remediation expenses.
- April 2001, the extraction and injection wells for the groundwater treatment system were installed. Trenches were completed for the water lines and electrical lines. Only one horizontal boring sleeve remained to be installed under the intersection pavement.
- August 30, 2001, TNRCC approved the groundwater remedial action report, that marked the end of the remedial action, and the commissioning of the groundwater treatment system at the site, which initiated the operation and maintenance phase of the project.

- September 2001-August 2002, TNRCC continued operation and maintenance of the groundwater treatment system that was recovering contaminated groundwater, treating it by removing chromium contamination, then re-injecting the cleaned water.
- September 1, 2002, effective date of the name change from Texas Natural Resource Conservation Commission (TNRCC) to Texas Commission on Environmental Quality (TCEQ).
- September 2002-August 2003, TCEQ continued the operation and maintenance of the groundwater treatment system.
- August 3, 2003, additional pumping wells were installed to facilitate removal of chromium from the groundwater.

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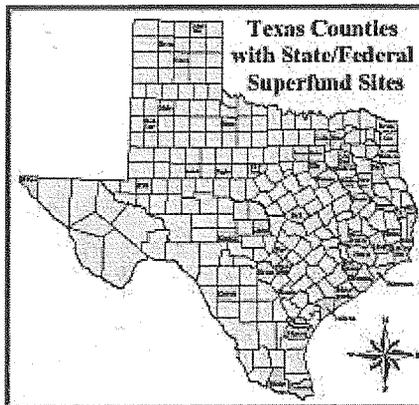
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EPA: Sprague Road

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EPA ID:	TX0001407444
Location	North of city limits of Odessa, Ector County Map
Latitude	31°55'04"N
Longitude	-102°25'49"W
Hazard Ranking Score	35.09
Contaminants At Time Of RI	Hexavalent Chromium
EPA Region	Texas - 6
TNRCC Region	Odessa - 7
Legislative District	Texas Senate - 31 Texas House - 81 U.S. Congress - 19

Site Description

- Location:**
- The site is located in Ector County, immediately north of the Odessa city limits.
- Population:**
- The population within a half mile of the site is approximately 400; the population within one mile of the site is approximately 400; the population within four miles of the site is approximately 18,600.
- Setting:**
- The site is approximately 180 acres in size, and consists of three separate inactive or abandoned chromium plating facilities

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within a one-third mile area: Leigh Metal Plating, Inc., National Chromium Corporation, and Machine and Casting, Inc.

- The individual facilities are less than four acres in size and are located in a residential and light industrial area.
- Three plumes of chromium contaminated groundwater are present at the site. The largest of the three plumes originates from the Leigh Metal Plating, Inc. facility. The next largest plume originates from the National Chromium Corporation facility and the smallest plume originates from the Machine and Casting, Inc. facility.
- The site is a mixture of light to medium commercial operations with private residences mixed throughout the area.
- While some residences are connected to the Odessa public water supply system, the majority of residences are dependent on a single, high-quality aquifer for their drinking water.
- The Trinity aquifer is the only source of high quality drinking water in the site area.
- The water table in the unconfined aquifer is present at approximately 85 feet below the ground surface.
- The base of the aquifer is present at approximately 145 feet below ground surface.
- The Triassic red beds form the base of the aquifer.
- Private wells in the area yield an average of 24 gallons per minute.
- The City of Odessa has 25 public water supply wells within 4 miles of the site, that yield an average of 167 gallons per minute.

Hydrology:

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Wastes and Volumes

- Groundwater contamination is from hexavalent chromium at all three facilities.
- The extent of the chromium contamination is illustrated by the shaded areas in the site map.
- A contaminant plume originates from each of the three facilities and extends in an easterly or southeasterly direction.

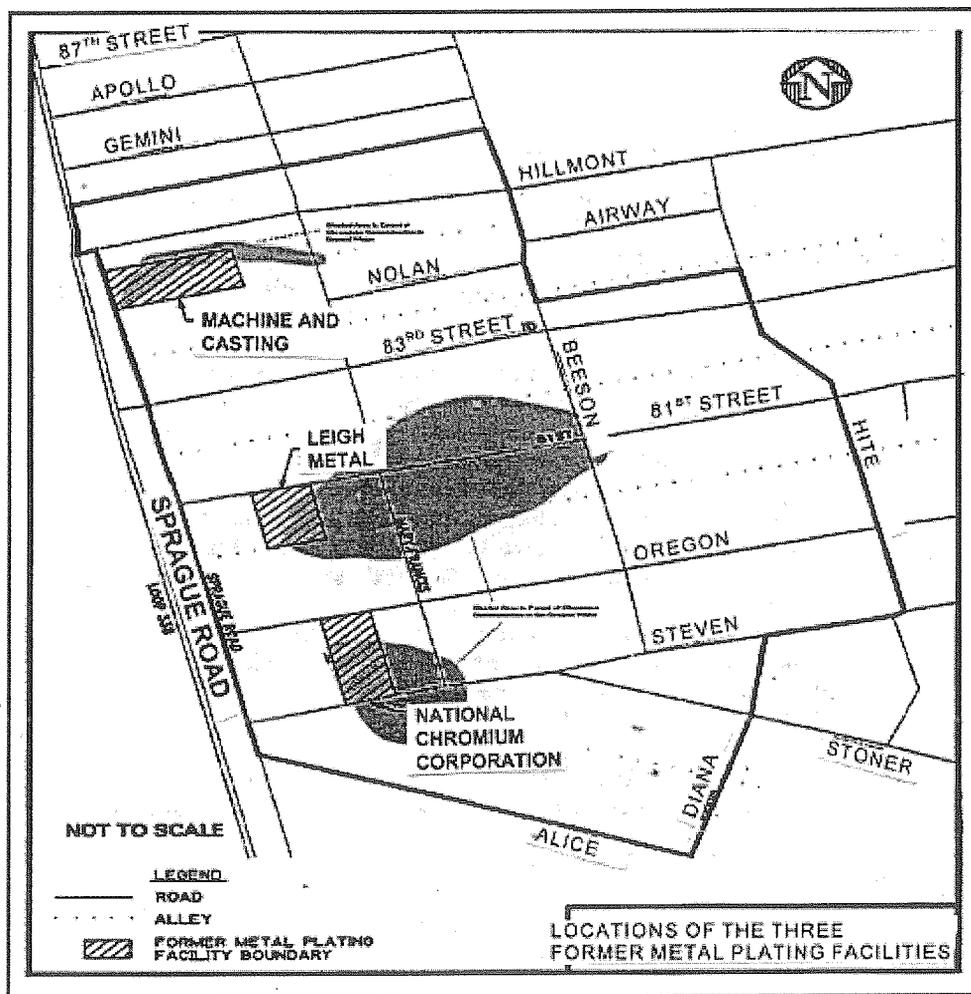
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Site Assessment and Ranking

NPL LISTING HISTORY
 Site HRS Score: 35.09
 Proposed Date: April 1, 1997
 Final Date: September 25, 1997
 NPL Update: No

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Site Map and Diagram



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The Remediation Process

Site History:

- The past chrome plating operations are potential sources of a groundwater contaminant plume containing chromium.
- The groundwater serves as a source of drinking water in the area and chromium has been detected in seven private

residential wells above the Maximum Contaminant Level.

1993

- In 1993, permanent water distribution lines from the city of Odessa were installed to residents affected by the groundwater contamination from Leigh Metal and Plating facility. Residents who are not connected to the public water supply lines still rely on private residential well water.

1996

- In 1996, EPA conducted a response action by removing solid and liquid wastes at the Leigh Metal and Plating and National Chromium facilities; contaminated soil at the National Chromium facility was also removed. EPA also investigated the groundwater contamination near the three facilities by installing 12 monitoring wells and collecting 40 water samples from monitoring wells and nearby private water supply wells.
- Sample analyses indicate that a chromium contaminant plume is present near the three facilities in concentrations exceeding the Maximum Contaminant Levels.
- The size of the chromium plume has been estimated to be approximately 180 acres.
- Removal actions by EPA resulted in 6,620 gallons of liquid and solid wastes, 156,320 pounds of vat and tank liquid and sludge and 5,187,340 pounds of soil being removed from the site.

Health Considerations:

- Chromium in the groundwater poses a risk to residents in the area dependent on private water wells for drinking water.
- Chromium concentrations off-site from the three facilities exceed the MCL of 0.1 mg/L.
- The private residences and businesses in the vicinity of Leigh Metal are connected to the Odessa city water supply.
- Private residences in the vicinity of National Chromium and Machine and Casting still utilize private water wells.

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Record of Decision

Signed: September 29, 2000

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Community Involvement

- Community Involvement Plan** ■ Developed: November 1997
- Open houses and workshops** ■ April 1998 | July 1998
- Fact sheet: Proposed plan and public meeting**
- Fact sheet: Record of Decision**
- Fact sheet: Milestones** ■ October 1997
- Constituency interest**
- Site repository** ■ **Ector County Public Library**
321 W. Fifth Street
Odessa, TX

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Technical Assistance Grant

- Availability notice** ■ October 1997
- Letters of Intent received** ■ None
- Draft application received** ■ N/A
- Grant Award** ■ N/A
- Current Status** ■ Available

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Contacts at EPA, TCEQ

- EPA remedial project manager** ■ Vincent Malott,
Phone: 1-214-665-8313 or 1-800-533-3508
- TCEQ project manager** ■ Subhash C. Pal, P.E.
Phone: 1-512-239-4513 or 1-800-633-9363
- Community involvement Attorney** ■ N/A
■ Anne Foster
Phone: 1-214-665-2169
Mail code: 6RC-F
- State Coordinator** ■ Karen Bond, Phone: 1-214-665-6682
E-mail: bond.karen@epa.gov
- Public Liaison (EPA Region 6)** ■ Arnold Ondarza, Phone: 1-214-665-6790

EPA contractor

- E-mail: ondarza.arnold@epa.gov
- Tetra Tech EM, Inc.

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Enforcement Action

May 21, 1998

- General notice letters were sent to two potentially responsible parties.

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Present Status and Issues

- The extraction system is currently operating and the treatment plant is removing chromium from the extracted ground water. Operational data is reviewed on an ongoing basis to confirm the capture zone for the extraction system.
- EPA completed construction at the site in October 2003 and August 2004. Construction activities were completed in two phases. The first phase started on October 14, 2002, with the installation of ground water extraction and injection wells. The second phase began in February 2003 with the treatment plant and associated piping and electrical work.
- EPA selected a ground water pump and treat remedy in the September 2000 record of decision for the chromium contamination in the ground water. Extraction wells will be installed to pump the water to the surface and then piped back to a central treatment plant located at the former Leigh Metal facility. Injection wells, or dry wells, will be installed at each of the former facilities to return the treated water to the aquifer. An area at the former National Chromium facility with high chromium concentrations remaining in the soil will be flushed out utilizing treated water from the treatment plant. Additional field work was completed in March 2001 to refine the treatment plant design and ground water extraction system.
- EPA installed water supply lines to those residences with contaminated water wells.

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Benefits of Action

- Remediation of the groundwater contamination will allow unrestricted use of the aquifer, a primary source of water for drinking and irrigation in the local community.

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For Texas Superfund Information

EPA Superfund Hot Line 1-800-533-3508
For EPA Region 6 (NM, LA, OK, AR, TX)

Spill Reporting 1-800-832-8224
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Texas QuickFacts

Ector County, Texas

People QuickFacts	Ector County	Texas
Population, 2003 estimate	122,692	22,118,509
Population, percent change, April 1, 2000 to July 1, 2003	1.3%	6.1%
Population, 2000	121,123	20,851,820
Population, percent change, 1990 to 2000	1.8%	22.8%
Persons under 5 years old, percent, 2000	8.0%	7.8%
Persons under 18 years old, percent, 2000	30.4%	28.2%
Persons 65 years old and over, percent, 2000	10.9%	9.9%
Female persons, percent, 2000	51.4%	50.4%
White persons, percent, 2000 (a)	73.7%	71.0%
Black or African American persons, percent, 2000 (a)	4.6%	11.5%
American Indian and Alaska Native persons, percent, 2000 (a)	0.8%	0.6%
Asian persons, percent, 2000 (a)	0.6%	2.7%
Native Hawaiian and Other Pacific Islander, percent, 2000 (a)	Z	0.1%
Persons reporting some other race, percent, 2000 (a)	17.4%	11.7%
Persons reporting two or more races, percent, 2000	2.8%	2.5%
Persons of Hispanic or Latino origin, percent, 2000 (b)	42.4%	32.0%
White persons, not of Hispanic/Latino origin, percent, 2000	51.3%	52.4%
Living in same house in 1995 and 2000', pct age 5+, 2000	57.1%	49.6%
Foreign born persons, percent, 2000	10.6%	13.9%
Language other than English spoken at home, pct age 5+, 2000	37.1%	31.2%
High school graduates, percent of persons age 25+, 2000	68.0%	75.7%
Bachelor's degree or higher, pct of persons age 25+, 2000	12.0%	23.2%
Persons with a disability, age 5+, 2000	20,604	3,605,542
Mean travel time to work (minutes), workers age 16+, 2000	18.6	25.4
Housing units, 2002	50,580	8,502,060
Homeownership rate, 2000	68.6%	63.8%
Housing units in multi-unit structures, percent, 2000	20.7%	24.2%
Median value of owner-occupied housing units, 2000	\$47,700	\$82,500
Households, 2000	43,846	7,393,354
Persons per household, 2000	2.72	2.74
Median household income, 1999	\$31,152	\$39,927
Per capita money income, 1999	\$15,031	\$19,617

Persons below poverty, percent, 1999	18.7%	15.4%
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Business QuickFacts	Ector County	Texas
Private nonfarm establishments with paid employees, 2001	2,983	473,868
Private nonfarm employment, 2001	40,725	8,161,321
Private nonfarm employment, percent change 2000-2001	5.4%	1.7%
Nonemployer establishments, 2000	6,426	1,271,401
Manufacturers shipments, 1997 (\$1000)	1,286,163	297,657,003
Retail sales, 1997 (\$1000)	1,139,920	182,516,112
Retail sales per capita, 1997	\$9,285	\$9,430
Minority-owned firms, percent of total, 1997	23.2%	23.9%
Women-owned firms, percent of total, 1997	23.8%	25.0%
Housing units authorized by building permits, 2002	200	165,027
Federal funds and grants, 2002 (\$1000)	452,876	123,431,164

Geography QuickFacts	Ector County	Texas
Land area, 2000 (square miles)	901	261,797
Persons per square mile, 2000	134.4	79.6
Metropolitan Area	Odessa-Midland, TX MSA	
FIPS Code	135	48

(a) Includes persons reporting only one race.
 (b) Hispanics may be of any race, so also are included in applicable race categories.

FN: Footnote on this item for this area in place of data
 NA: Not available
 D: Suppressed to avoid disclosure of confidential information
 X: Not applicable
 S: Suppressed; does not meet publication standards
 Z: Value greater than zero but less than half unit of measure shown
 F: Fewer than 100 firms

Source U.S. Census Bureau: State and County QuickFacts. Data derived from Population Estimates, 2000 Census of Population and Housing, 1990 Census of Population and Housing, Small Area Income and Poverty Estimates, County Business Patterns, 1997 Economic Census, Minority- and Women-Owned Business, Building Permits, Consolidated Federal Funds Report, 1997 Census of Governments

Last Revised: Friday, 09-Jul-2004 09:01:17 EDT

Census Bureau Links:

ECTOR COUNTY

Federal State
 Status Status

*** BIRDS ***

American Peregrine Falcon (<i>Falco peregrinus anatum</i>) - potential migrant; nests in west Texas	DL	E
Arctic Peregrine Falcon (<i>Falco peregrinus tundrius</i>) - potential migrant	DL	T
Baird's Sparrow (<i>Ammodramus bairdii</i>) – shortgrass prairie with scattered low bushes and matted vegetation		
Bald Eagle (<i>Haliaeetus leucocephalus</i>) – found primarily near coasts, rivers, and large lakes; nests in tall trees or on cliffs near water; communally roosts, especially in winter; hunts live prey, scavenges, and pirates food from other birds	LT- PDL	T
Ferruginous Hawk (<i>Buteo regalis</i>) – open country, primarily prairies, plains, and badlands; nests in tall trees along streams or on steep slopes, cliff ledges, river-cut banks, hillsides, power line towers		
Lesser Prairie Chicken (<i>Tympanuchus pallidicinctus</i>) - arid grasslands, generally interspersed with shrubs and dwarf trees; nests in a scrape lined with grasses	C1	
Mountain Plover (<i>Charadrius montanus</i>) – breeding: nests on high plains or shortgrass prairie, on ground in shallow depression; nonbreeding: shortgrass plains and bare, dirt (plowed) fields; primarily insectivorous		
Snowy Plover (<i>Charadrius alexandrinus</i>) – formerly an uncommon breeder in the Panhandle; potential migrant		
Western Burrowing Owl (<i>Athene cunicularia hypugaea</i>) - open grasslands, especially prairie, plains, and savanna, sometimes in open areas such as vacant lots near human habitation or airports; nests and roosts in abandoned burrows and man-made structures, such as culverts		
Whooping Crane (<i>Grus americana</i>) - potential migrant; winters in and around Aransas National Wildlife Refuge and migrates to Canada for breeding; only remaining natural breeding population of this species	LE	E

*** MAMMALS ***

Black-footed Ferret (<i>Mustela nigripes</i>) – considered extirpated in Texas; potential inhabitant of any prairie dog towns in the general area	LE	E
Black-tailed Prairie Dog (<i>Cynomys ludovicianus</i>) - dry, flat, short grasslands with low, relatively sparse vegetation, including areas overgrazed by cattle; live in large family groups		
Jones' Pocket Gopher (<i>Geomys knoxjonesi</i>) - southwestern plains of Texas; deep sandy soils of aeolian origin; small isolated population vulnerable to land use changes		
Swift Fox (<i>Vulpes velox</i>) - restricted to current and historic shortgrass prairie; western and northern portions of Panhandle		

*** REPTILES ***

Texas Horned Lizard (<i>Phrynosoma cornutum</i>) - open, arid and semi-arid regions with sparse vegetation, including grass, cactus, scattered brush or scrubby trees; soil may vary in texture from sandy to rocky; burrows into soil, enters rodent burrows, or hides under rock when inactive; breeds March-September		T
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VASCULAR PLANTS

Neglected sunflower (*Helianthus neglectus*) - deep sands on rolling hills, dunes, and in
Havard oak flats of partially vegetated Pleistocene sand sheet; flowering July-
September

Status Key:

LE,LT - Federally Listed Endangered/Threatened
PE,PT - Federally Proposed Endangered/Threatened
E/SA,T/SA - Federally Endangered/Threatened by Similarity of Appearance
C1 - Federal Candidate, Category 1; information supports proposing to list as endangered/threatened
DL,PDL - Federally Delisted/Proposed for Delisting
E,T - State Endangered/Threatened
"blank" - Rare, but with no regulatory listing status

Species appearing on these lists do not all share the same probability of occurrence. Some species are migratory wintering residents only, or may be historic or considered extirpated.



Search Options

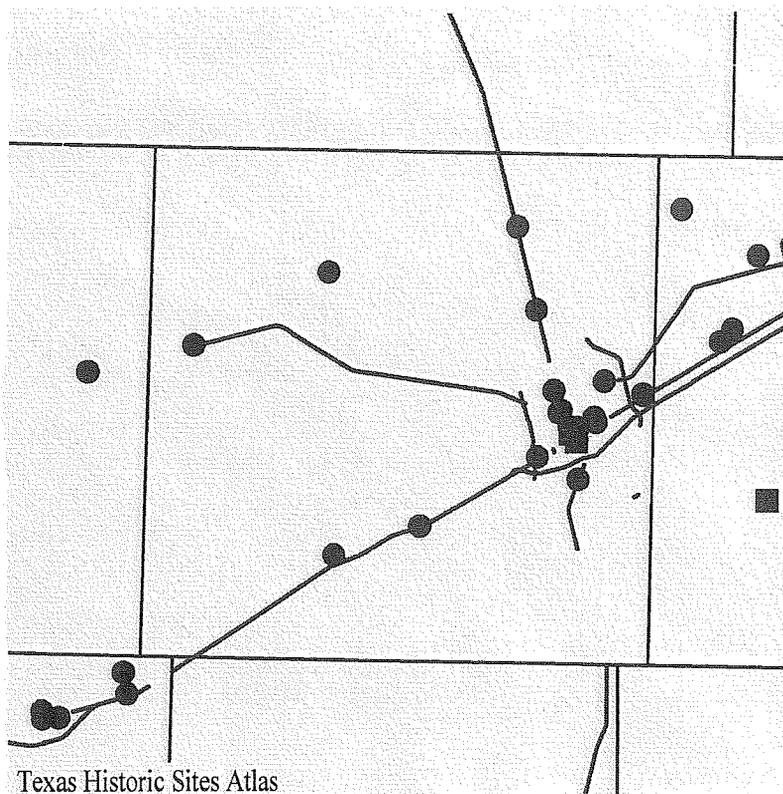
Ector County

Click County name for map

White-Pool House, The - Odessa

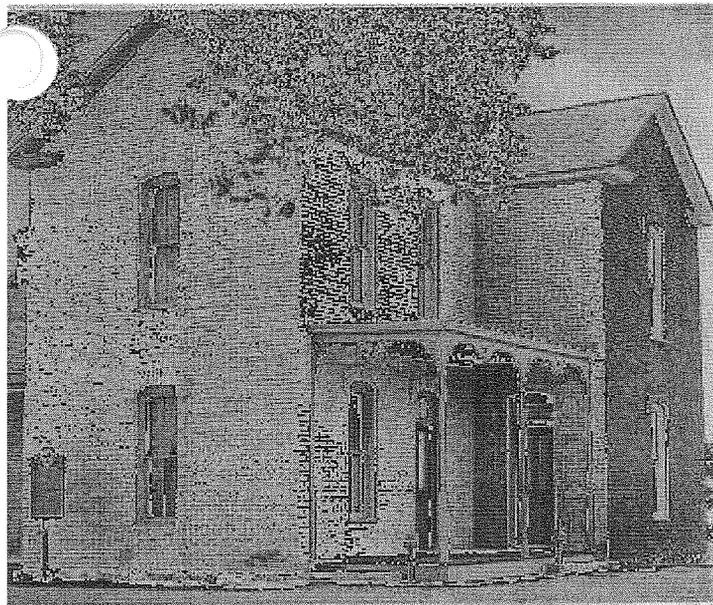
- [National Register listing](#)
- [Location map](#)

1 records.
1 NR Listed Sites



Texas Historic Sites Atlas

White-Pool House, The



White-Pool House

Reference Number: 80004099

Resource Name: White-Pool House

Other Name:

Address: 112 E. Murphy St.

Restricted:

Owner: LOCAL

Resource Type: BUILDING

Number of Contributing Buildings: 1

Number of Contributing Sites: 0

Number of Contributing Structures: 0

Number of Contributing Objects: 0

Number of Non-contributing Buildings: 0

Number of Non-contributing Sites: 0

Number of Non-contributing Structures: 0

Number of Non-contributing Objects: 0

Federal Agency:

Park Name:

Multiple Name:

Nominated Name: STATE GOVERNMENT
Certification: LISTED IN THE NATIONAL REGISTER
Certification Date: 19800108
Significance Level: LOCAL
Significance Name:
Circa:
Significant Year: 1887
State:
Cultural Affiliation:
Architect: White, Charles; et al.
Other Description: Victorian
County: Ector
City: Odessa
Applicable Criteria: EVENT; ARCHITECTURE/ENGINEERING
Area Significance: EXPLORATION/SETTLEMENT; ARCHITECTURE; AGRICULTURE
Architectural Style: OTHER
Current Function: RECREATION AND CULTURE
Criteria Exception:
Subfunction: MUSEUM
Historic Function: DOMESTIC
Historic Subfunction: SINGLE DWELLING; MULTIPLE DWELLING
Foundation: NONE LISTED
Wall: BRICK
Roof: WOOD
Other Materials: SANDSTONE
Other Certifications:
Other Documentation:
Period: 1875-1899
UTM Zone:
UTM Easting:
UTM Northing:
Acreage: 9

Narrative: On the highest knoll in what is now Odessa, Texas, at 112 East Murphy Street, the two-story red brick house was built in 1887 by Charles White and his two adult sons as a dwelling place for the family, which was among the first to settle permanently in the county. Located near the transcontinental railline, the house was patterned after a large, impressively substantial two-story red brick house built earlier by Charles White on the crest of a small hill in Raysville, Indiana, but it was adapted to the building materials available on the newly opening ranching frontier of West Texas. Its solid, well finished yet simple structure reflected the Quaker heritage of the builder and his wife, as well as the rustic aspects of its isolated site.

The outside walls were of red brick with plaster masonry over wooden lattice boards inside. There were four large, high ceilinged (10 feet) rooms downstairs; a family living room, formal parlor, dining room, and kitchen. There was also a small room off the kitchen and dining room, probably used as a bathroom. A stairway with carved newel posts led upward to a large hall and three large bedrooms on the second floor. The house had four chimneys, one for the large fireplace in the family living room with a mantel and a slate hearth and the others used as flues for the wood burning stoves for heating and cooking. There was a front porch at the entrance and a large porch extending around the east side and across the back of the house on the south. All of the rooms had beaded ceilings, and the door and window facings were of fine sculptured molding. The floors, doors, ceilings, and other woodwork were all varnished. Native sandstone was used for steps at the porches, and the rock lined cellar or basement under the back portion of the house

was made of native caliche (white) rock found on the West Texas Prairie. Wooden shakes covered the pitched roof.

When the Whites came by train in 1887, their youngest son rode in a boxcar to guarantee the safe arrival of the full carload of their fine matching furniture, much of which has been located. White, who is believed to be the founder of agricultural effort in Ector County, planted sorghum cane and cotton, and an impressive orchard of fruit trees and a garden surrounded his home. The plantings were irrigated with water piped from a wooden windmill and earthen holding tank that stood at the south of the house by the wooden barn, none of which still exist.

After the White heirs sold the property in 1906, and it subsequently changed owners several times, Oso William Pool bought the house and fifty acres of land in February 1923. When the oil boom hit Ector County in 1927 and Odessa faced a housing shortage, he turned his home into an apartment house. Using wood, he built a room above the front porch, which replaced the wooden balustrade added there by a previous owner, and he closed in the east side of the first floor porch as another room. He also installed an upstairs bathroom with a partitioning wall at the end of the southwest bedroom, and he divided with a wall the large formal parlor on the west side of the lower floor. Thus, he partitioned the house into two apartments upstairs and three downstairs. About the same time, he annexed the property into the city limits, blocked it off, and sold individual lots. The addition has been known as Pool's Annex since it was platted on June 23, 1927. At various times, other rental units were constructed on the property but they have all been removed.

Although the house eventually fell into disrepair after decades of use as apartments the structure is still basically sound and essentially as its original design and appearance. All alterations can be easily removed to restore the house to its original state. The grounds, which still comprise most of a city block, are intended to serve as a Pioneer Park when the restoration project is completed on the White-Pool Historic House and Museum, which will continue to remain as an important community landmark and center.

Charles and Lucy White and their two adult sons came by train with their possessions from Raysville Indiana, bought a section of land on July 4, 1887, and within the year completed a fine house near the railroad. It was the first substantial structure built in an empty area at a time when Odessa consisted of fewer than eleven (1888) scattered simple frame buildings. The elegantly simple late Victorian style brick house, which reflected the distinguished owner's Quaker religion and which took shape from innovative adaptations of native materials, dominated the subsequent development of the area as a tribute to pioneer determination. The White family was instrumental in the initial agricultural, commercial, political, and religious development of the county. After Charles's death and after the property changed owners several times, it was acquired in February 1923 by a family that would be associated with it for more than a half century. Oso W. Pool and his family came to Ector County in the decade of the discovery of oil, and they became prominently involved in the events that created a boom-town atmosphere and that added the eventual modernization of industrial development to the ranching base of the region. The White Pool House remains by many years the oldest existing structure, the only example of late 19th and early 20th century architecture, and the county's acknowledged symbol of both its frontier ranching and subsequent oil boom-town heritage.

In 1881 the Texas and Pacific Railroad laid tracks for the southern transcontinental railline across the uninhabited desert-like Llano Estacado. To profit from the state land-grant; the railroad land company promoted the area as a health resort and new farm and ranching country by sponsoring a large unsuccessful sale of lots in 1886. Partly in response, Charles and Lucy Houghton White and their sons came to Odessa early in 1887 and built their home.

Charles White is believed to be the founder of agricultural innovations in the county. Experimenting in a treeless land with a variety of trees, shrubs, and crops, many of which he would prove not to be adaptable, White's efforts and irrigation system were featured in photographs apparently used by the railroad for promotional purposes. White established a general mercantile store nearby, in what became downtown Odessa, and his son Wilfred, operated it as Odessa's first postmaster. When the county government was first organized in 1891, the two Whites held posts, including county surveyor and election judge. Lucy White's strong religious background led her to the initial development and maintenance of a little Union Sunday School. All the Whites continued to nurture the beginnings they had planted until Charles's death in 1905 and the departure of his widow and family the following year.

A young veteran of World War I, Oso W. Pool, and other members of his family came to Ector County in the early 1920s. In the first year of the oil boom, 1927, Oso married Helen Voss and helped meet the housing shortage by dividing their home into apartments and by developing South Odessa as a part of the growing town. He annexed his fifty acres to the city, platted it as the Pool Annex, and sold individual lots. The Pool Family Real Estate Company operated from the house and eventually other rental units were built on the city block the main house by then occupied. The house and its facilities dominated the neighborhood. Its well and holding tank supplied the water for both houses and businesses there before such city services were supplied. Before he served as County Commissioner, Oso sold the property to his parents, William J. and Ida B. Pool, who lived there and eventually transferred it to their heirs. In 1969 the property was sold but the Pool Family retained the mortgage, and Oso again acquired it in 1977, at which time it was voluntarily donated to Ector County. The Ector County Historical Commission, as trustees, plan to restore the house to its basic original outward appearance and to furnish the inside for historic statements about the two significant eras of the county's development.

A photo in the possession of the Ector County Historical Commission shows a house with quoins, hoodmolds, and label stops in a lighter color. The porch detail consists of a balustraded balcony above a simple cornice and column. The

County Commission accepts this photo as showing the White-Pool House. It is a logical conclusion, based on careful comparison of other features. No certain evidence linking the two has been found, however. Further investigation on-site may clarify the situation.

BIBLIOGRAPHY ON FILE IN THE NATIONAL REGISTER.