

# Atlas E.R. Water Well Search

Tamina EA  
Montgomery County, Texas  
Atlas Job #02-05-940

Atlas Environmental Research has located 44 water wells in the area of review.

## Located Water Wells – 9

60-53-501  
60-53-502  
60-53-503  
60-53-504  
60-53-507  
60-53-508  
60-53-509  
60-53-513  
60-53-514

## Plotted Water Wells – 34

60-53-5A (3 Wells)  
60-53-5B (2 Wells)  
60-53-5G (2 Wells)  
60-53-5H (No Record)  
60-53-5P (8 Wells)  
60-53-5S (6 Wells)  
60-53-5T (3 Wells)  
60-53-5U  
60-53-5W (2 Wells)  
60-53-5HH (3 Wells)  
60-53-5QQ  
60-53-5RR  
60-53-5WW

## Partially Numbered Water Wells – 1

60-53-5(1)

Not reviewed comprehensively for this project

## Unnumbered Water Wells – 0

Not reviewed for this project

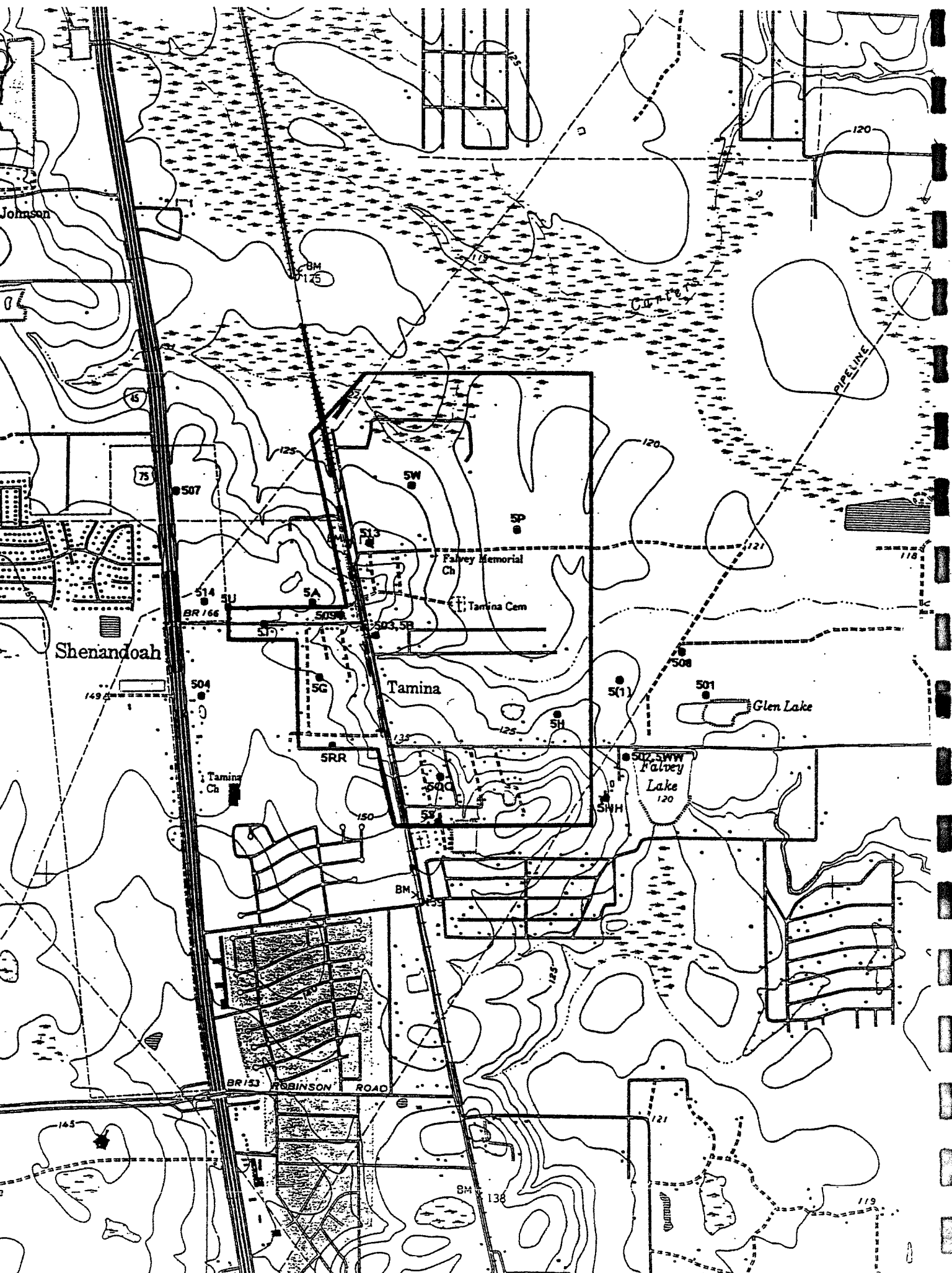
These wells have been labeled on the attached map with the final portion of the state well number. This portion of the state well number has also been highlighted on the corresponding drillers log. The information for each USGS quadrangle utilized for the well location map is listed below.

Quadrangle  
Tamina, Texas

Date  
1961 (Photorevised 1979)

Contour Interval  
5 Feet

Quadrangle Scale: 1:24,000; 1 inch = 2,000 feet



**APPENDIX B**

**WETLANDS REPORT**

**And**

**US ARMY CORPS OF ENGINEERS CORRSPONDENCE**

**WETLAND DETERMINATION  
TAMINA WATER SUPPLY  
AND SANITARY SERVICE CORPORATION  
MONTGOMERY COUNTY, TEXAS**

**PREPARED FOR:  
TAMINA WATER SUPPLY AND SANITARY SERVICE CORPORATION  
C/O JONES & CARTER  
6335 GULFTON, SUITE 200  
HOUSTON, TEXAS 77081-1169**

**PREPARED BY  
HVJ ASSOCIATES, INC.  
HOUSTON, TEXAS  
AUGUST 6, 2002**

**REPORT NO. 02-112EA-0  
KEY MAP 218X & 252AB**

# HVJ Associates, Inc.

Geotechnical, Environmental & Materials Engineers

6120 S. Dairy Ashford Road  
Houston, Texas 77072  
(281) 933-7388  
(281) 933-7293 fax  
<http://www.hvj.com>

August 6, 2002

Mr. Don Naninga  
Chief, Regulatory Branch  
US Army Corps of Engineers – Galveston District  
P.O. Box 1229  
Galveston, Texas 77553-1229

Re: Wetlands Determination  
Tamina Water Supply and Sanitary Sewer Corporation  
HVJ Report No. 02-112EA-0-Wet

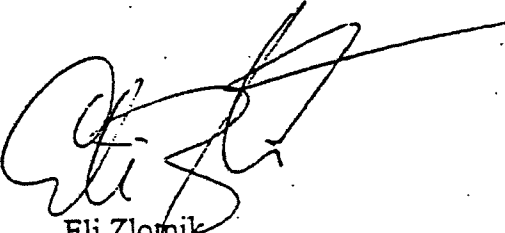
Dear Mr. Naninga:

Submitted herein is a wetlands determination report for the proposed water line and sanitary sewer lines that are planned in the Tamina Community. This document is part of a larger study (Environmental Assessment conducted under the rules of the Texas Water Development Board State Revolving Fund). Should you have any questions or comments, please feel free to contact one of the undersigned.

Sincerely,

HVJ ASSOCIATES, INC.

  
Gideon Adjei, Ph. D.  
Senior Environmental Scientist

  
Eli Zlotnik  
Principal

GA/EZ: tm

Copies submitted: 1

Cc: Bruce Bennett, US Army Corps of Engineers, Galveston District – one copy  
Brian Kennedy, Jones and Carter – one copy

## List of Plates

1. Site Vicinity Map
2. Proposed Facilities
3. FEMA Floodplains
4. USGS Topographic Map
5. National Wetlands Inventory Map
6. Soil Survey Map

## Appendices

- A. Routine Wetlands Determination Forms
- B. Photo Log

## INTRODUCTION

### Project Objective

HVJ Associates conducted a Level 2 Wetlands Determination Study for the proposed Tamina water and sewer improvements project on 5/14/02. The project involves the construction of water lines, sewer lines, and a lift station in the underserved community of Tamina, Montgomery County, Texas. This study was performed as part of an Environmental Assessment (EA).

The wetlands identification and delineation study was conducted during the normal growing season as required for performance of such studies. The objectives of this study were to identify wetland indicator plants (hydrophytic vegetation), wetland (Hydric) soils, and hydrology, and to map the wetland/non-wetland boundaries for the United States Army Corps of Engineers (USACE) verification, if necessary.

Our study was conducted in accordance with guidelines specified in the 'Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1, and January 1987.'

### Project Scope

The scope of work for this study encompassed a site reconnaissance by truck and foot. The objectives of the study included:

1. Identification of wetland species of vegetation, hydrology, and hydric soils in the study area and staking of the wetland/non wetland boundary.
2. Review of available information of the study area regarding the existence of wetland soils, hydrology and wetland indicator plants.

No extensive field tests were performed on soils of the area in this study because according to the 1987 US Corps of Engineers Wetlands Delineation Manual 'it is not necessary to characterize the soils of an area if 1) all dominant plant species have an indicator status of Obligate (OBL) and 2) all dominant species have an indicator status of Obligate (OBL) and /or Facultative Wetland (FACW), at least one dominant species must be OBL. These criteria were applicable to observed wetland indicator plants at the site.

### Basis of Report

Although this study has been a reasonably thorough attempt to identify and delineate wetlands in the study area, there is a possibility that other wetland indicator parameters have escaped our detection due to the limitations of this study, including physiological and phenological stages of plant development at the study area and inaccuracy of soil survey data and/or wetland inventory map information.

HVJ Associates reserves the right to alter our conclusions and recommendations based on our review of any information obtained after the date of this report.

Our professional services have been performed using that degree of care and skill ordinarily exercised; under similar conditions, by environmental consultants practicing in this or similar localities. No warranty, express or implied, is made as to the professional information contained in this report.

## Qualifications of Environmental Professionals

The primary investigator for this project is Dr. Gideon Adjei. Dr. Adjei has over 22 years of combined academic, industrial, and state government experience in the environmental sciences, with responsibilities covering project management, environmental document preparation, and review of technical reports. His environmental site assessments encompass commercial and industrial linear projects that meet City of Houston, ASTM Standard Practice E 1527-97, Texas Department of Transportation and Federal Highway Administration requirements. Furthermore, Dr. Adjei completed the Interagency Wetland Delineation Training course given by the USACE in 1996 and an additional 3.0 hours of Professional Development Hours at the Wetlands Permitting Workshop presented by the Galveston District of USACE in 2001.

Mr. Eli Zlotnik provided quality assurance and quality control. Mr. Zlotnik holds a BS and MS degrees in geology from California State University, Northridge and San Diego State University, respectively. Mr. Zlotnik is a TNRCC LPST Corrective Action Project Manager, and a registered professional geologist in Florida and Wyoming. His career encompasses a period exceeding 20 years involving hydrogeology, water resource evaluations, environmental investigations, and minerals/energy exploration.

## **BACKGROUND INFORMATION**

### Planned Project Description

This project will involve the planning, design, and construction of about 30,000 linear feet of water lines, 30,000 linear feet of sanitary sewer lines, a lift station, connections to serve the population of the community. Additionally, there are about 250 homes (connections) and about 1,500 people who reside in the community. The proposed lift station is planned for a location about 700 feet north of Sleepy Hollow Road along Main Street. The study area is about 500 acres and is roughly bounded by Forest Lane on the north, Rhodes on the south, Easley Road on the west, and a north-south line about 400 feet west of Falvey Lake on the east. A site location map (Plate 1) and proposed facilities Location Map (Plate 2) are included with this report.

### Existing Conditions

Commercial improvement, a cemetery, Churches isolated lakes and raw land characterize the areas. The study was conducted during the normal growing season for the area. Average daytime temperature was about 85 degrees Fahrenheit. Precipitation was slightly below normal.

## **INVESTIGATIVE METHODOLOGY**

The wetlands delineation study was performed in accordance with guidelines specified in "Routine Method for Areas Greater than 5 Acres in Size", Corps of Engineers Wetland Delineation Manual (Technical Report Y-87-1). A USGS Topographic Map (Plate 3) was reviewed. For the purpose of this study jurisdictional wetlands were defined as those areas which meet all of the following criteria: 1) support a dominance of hydrophytic (wetland) vegetation, 2) have hydric (wetland) soils, and are 3) inundated or saturated for at least 21 days during the growing season (wetland hydrology).

### FEMA Floodplain Map Review

The current Federal Emergency Management Agency FIRM Floodplain Map (Plate 3) for the study area was reviewed to determine the extent of floodway and floodplain. It was determined that the northwest fringes of the study area falls within the 100 year flood plain

### U.S.G.S. Topographic Map

The Tamina community is located on the Tamina 7.5 minute quadrangle (1961, Photorevised 1979) and a copy of the portion of the quadrangle map is included as Plate 4. The area generally slopes toward the northeast toward the West Fork of the San Jacinto River. The lowest elevations are about 120 feet above mean sea level (MSL) near Forest Lane in the extreme northern part of the study area. The highest elevations are about 145 feet MSL in the far southwestern part of the study area.

### National Wetlands Inventory Map Review

A review of the National Wetland Inventory maps (Plate 5) for the Tamina Community shows that the three areas were identified as wetlands. These have been designated as Transects 1 (Broadway Avenue); T2 (Simmons Drive); T3AB&C (Bihms Road). Transect 1 is comprised of palustrine, open-water with unknown substrate. The area is semi-permanently flooded. This area is in close juxtaposition with a palustrine, emergent, persistent semi-permanently flooded area. The areas along Transects 2 and 3 are either characterized by palustrine, open-water with unknown bottom that may be permanently flooded at excavated areas or palustrine, emergent persistent semi-permanently flooded areas. Excavations at these areas constitute atypical conditions of the affected areas.

## **ASSESSMENT RESULTS**

A wetland is defined as "that land that has a predominance of hydric soils; is inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and under normal circumstances does support, a prevalence of hydrophytic vegetation typically adapted for life in saturated soil conditions". These parameters were used to identify and delineate the study area. Three jurisdictional wetland areas were identified in the study area. These are: Broadway Avenue (Transect 1); Simmons Drive (Transect 2), and Bihms Road (Transect 3 A, B & C). Data Forms (Appendix A) were completed for observation points within each of three Transect locations. Transect locations and observation points were chosen based on noticeable changes in vegetation communities. The three elements used for jurisdictional wetlands classification, namely, hydrophytic vegetation, hydrology, and hydric soils have been described simultaneously for each category below. Photographic documentation of identified wetlands is presented in Appendix B.

### Vegetation

'The National List of Plant Species That Occur in wetlands: South Plains (Region 6), Biological Report 88' and 'Common wetland Plants of Southeast Texas, US Army Corps of Engineers, Galveston District manual were used to identify and characterize vegetation types in the study area.

Transect 1: Indicator categories ranged from Obligate Wetland (OBL) to Facultative Wetland (FACW). The wetland areas were confined to roadside ditches and adjacent areas. Wetland species of vegetation found here include Alligator weed (Alternanthera philoxeroides - OBL), Wild rice (Zizaniopsis miliacea - OBL), Cat-Tails (Typha domingensis - OBL); Umbrella edge





DEPARTMENT OF THE ARMY  
GALVESTON DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 1229  
GALVESTON, TEXAS 77553-1229

REPLY TO  
ATTENTION OF.

January 21, 2003

Compliance Section

SUBJECT: D-13848; Jurisdictional Determination, Tamina Water Supply & Sanitary, Tamina, Montgomery County, Texas.

Mr. Eli Zlotnik  
HVJ Associates, Inc.  
6120 S. Dairy Ashford  
Houston, Texas 77072

Dear Mr. Zlotnik:

This concerns your request for a jurisdictional determination for a proposed water/sewer line along roadside right-of-ways in Tamina. The route varies along existing roadside right-of-ways in Tamina, Montgomery County, Texas.

Based on our December 11, 2002 site visit and the information you have submitted, we cannot completely concur with the findings in your report. However, we can state the proposed route will cross into jurisdictional waters of the United States. Once final plans and complete wetland delineation are submitted, we can make a final determination of permit requirements. It is possible Nationwide Permit 12 could authorize the project for construction of utility lines. The wetlands and waters that are present are adjacent wetlands and tributaries that flow into the West Fork San Jacinto River, which is a navigable water of the United States. The discharge of dredged or fill material into them is subject to Section 404 of the Clean Water Act and requires a Department of the Army (DA) permit.

This determination has been conducted to identify the limits of the Corps Clean Water Act jurisdiction for the particular site identified in this request. This determination may not be valid for wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

This approved jurisdictional determination is valid for 5 years from the date of this letter unless new information warrants a revision prior to the expiration date. Please see the enclosed sheets regarding the administrative appeal process for jurisdictional determinations. If you have

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JAN 24 2003

HVJ ASSOCIATES, INC.

any questions concerning this matter, please reference file number D-13848 and contact me at the letterhead address or by telephone at 409-766-6353.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Dwayne Johnson', with a long horizontal flourish extending to the right.

Dwayne Johnson  
Project Manager, Compliance Unit

Enclosure

# NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Tamina Water Supply & Sanitary Service	File Number: D-13848	Date: 01-21-03
Agent: HVJ Associates, Inc.		
Attached is:		See Section below
INITIAL PROFFERED PERMIT (Standard Permit or Letter of Permission)		A
PROFFERED PERMIT (Standard Permit or Letter of Permission)		B
PERMIT DENIAL		C
APPROVED JURISDICTIONAL DETERMINATION		D
PRELIMINARY JURISDICTIONAL DETERMINATION		E

**SECTION I:** The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://www.usace.army.mil/inet/functions/cw/cecwo/reg/corps-regulations-at-33-CER-Part-301>.

**INITIAL PROFFERED PERMIT:** You may accept or object to the permit.

**ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

**OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

**PROFFERED PERMIT:** You may accept or appeal the permit

**ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

**APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**PERMIT DENIAL:** You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**APPROVED JURISDICTIONAL DETERMINATION:** You may accept or appeal the approved jurisdictional determination (JD) or provide new information.

**ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

**APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**PRELIMINARY JURISDICTIONAL DETERMINATION:** You do not need to respond to the Corps regarding the preliminary JD. The preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

**SECTION II: REQUEST FOR APPEAL OR OBJECTIONS TO AN INITIAL PROFFERED PERMIT**

**REASONS FOR APPEAL OR OBJECTIONS:** (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons objections are addressed in the administrative record.)

**ADDITIONAL INFORMATION:** The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to verify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

**POINT OF CONTACT FOR QUESTIONS OR INFORMATION**

If you have questions regarding this decision and/or the appeal process you may contact:

Dwayne A. Johnson  
Project Manager, Compliance Section  
CESWG-PE-RC  
U.S. Army Corps of Engineers  
P.O. Box 1229  
Galveston, Texas 77553-1229  
409-766-6353; FAX: 409-766-3931

If you only have questions regarding the appeal process you may also contact:

Mr. James Gilmore  
Appeal Review Officer, CESWD-ETO-R  
U.S. Army Corps of Engineers  
1100 Commerce Street, Room 8E9  
Dallas, Texas 75242-0216  
214-767-2457

**RIGHT OF ENTRY:** Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

\_\_\_\_\_  
Signature of appellant or authorized agent.

Date:

Telephone number:

U.S. Army Corps of Engineers - Galveston District  
Regulatory Branch

Basis for Jurisdictional Determination

Applicant: HVJ Associates, Inc. File Number: D-13848 Date: 1/21/2003

☒ A. Property referenced in the attached correspondence contains waters of the United States based on:

- ☐ The presence of waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. <sup>1</sup>[33 CFR 328.3(a)(1)]
- ☐ The presence of interstate waters including interstate wetlands. <sup>1</sup> [33 CFR 328.3(a)(2)]
- ☒ The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate or foreign commerce including any such waters:
- (i) Which are or could be used for interstate or foreign travelers for recreational or other purposes; or
- (ii) From which fish and shellfish are or could be taken and sold in interstate or foreign commerce; or
- (iii) Which are used or could be used for industrial purpose by industries in interstate commerce. [33 CFR 328.3(a)(3)]
- ☐ The presence of impoundments of waters otherwise defined as waters of the United States under the definition. [33 CFR 328.3(a)(4)]
- ☐ The presence of tributaries of waters identified in 33 CFR 328.3(a)(1-4). <sup>3</sup> [33 CFR 328.3(a)(5)]
- ☐ The presence of territorial seas. <sup>3</sup> [33 CFR 328.3(a)(6)]
- ☐ The presence of wetlands adjacent to waters (other than waters that are themselves wetlands) identified in 33 CFR 328.3(a)(1-6). <sup>1,2</sup> [33 CFR 328.3(a)(7)]

☐ B. Property referenced in the attached correspondence does not include or contain any of the waters of the United States described above.

<sup>1</sup> Wetlands are identified and delineated using the methods and criteria established in the Corps of Engineers Wetland Delineation Manual (87 Manual).

<sup>2</sup> Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, etc. are "adjacent wetlands".

<sup>3</sup> The lateral limits of waters of the U.S. are/or have been determined by the high tide line, ordinary high water mark, and/or by the limit of adjacent wetlands.

Project Manager: DWAYNE JOHNSON

**APPENDIX C**

**U.S. FISH AND WILDLIFE DOCUMENTS**

# HVJ Associates, Inc.

Geotechnical, Environmental & Materials Engineers

6120 S. Dairy Ashford Road  
Houston, Texas 77072  
(281) 933-7388  
(281) 933-7293 fax  
<http://www.hvj.com>

May 7, 2002

Ms. Edith Erfling  
U.S. Fish & Wildlife Service  
Ecological Services  
17629 El Camino Real, Suite 2  
Houston, Texas 77058-3051

Re: Verification of Existence of Threatened/Endangered Species  
Tamina Community Water Supply and Sewer Project  
Montgomery County, Texas  
HVJ Project No. 02-112EA-0

Dear Ms. Erfling:

The Tamina Water Supply and Sanitary Service Corporation (Tamina Corp) is in the process of performing an environmental review pursuant to the National Environmental Policy Act for the Texas Water Development Board in order that it may assess the environmental impacts of the project. The project location is shown on the attached copy of the Tamina USGS 7.5 minute quadrangle, Montgomery County, Texas. The project will involve the design, and construction of about 30,000 linear feet of water lines, 30,000 linear feet of sanitary sewer lines, and a sanitary sewer lift station. Currently the area is serviced by individual and group water wells and septic systems. The plan is to connect the services (water and sewer) to the City of Oak Ridge North, located immediately south and operates existing water and sewerage facilities. Also attached is plan showing the approximate locations of the proposed facilities that will be constructed in the Tamina Community.

As currently planned, water and sanitary sewer lines will be constructed along existing roads and/or easements. The proposed project does not represent a "major construction activity" as defined in 50 CFR 402.02.

We request a list of any Federally-listed or proposed threatened or endangered species and designated or proposed critical habitat that may be present in the project area. In addition, please advise us of any present concerns you may have related to possible effects of the project listed above on such species or critical habitat, as well as any other wildlife concerns.

HVJ has reviewed the publicly available Endangered Species List for Montgomery County from the current U.S. Fish and Wildlife Service web site (May 7, 2002): The web site listed the Bald Eagle (*Haliaeetus leucocephalus*), and the Red-cockaded Woodpecker (*Picoides borealis*).

HVJ requests that the following statements be confirmed in regard to the subject property:

- 1) These facilities are not located in an officially designated wilderness area.
- 2) These facilities will not be located in an officially designated wildlife preserve.
- 3) These facilities will not likely affect listed, threatened or endangered species or designated critical habitats.

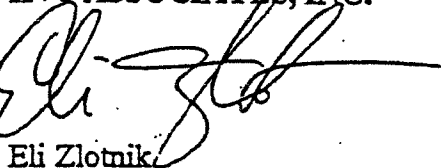
Ms. Edith Erfling  
U.S. Fish & Wildlife Service  
HVJ Project No. 02-112EA-0  
Page 2

- 4). This facility is not likely to jeopardize the continued existence of any proposed endangered or threatened species or is likely to result in the destruction or adverse modification of proposed critical habitats.

We would appreciate a response within 30 days. If you need any further information or wish to discuss our project, please contact me. Your assistance is appreciated.

Sincerely,

HVJ ASSOCIATES, INC.



Eli Zlotnik  
Principal Scientist

Attachments

Cc: Bryan Kennedy, Jones & Carter



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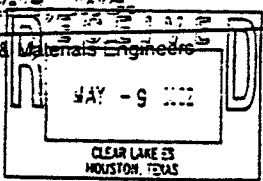
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HVJ ASSOCIATES, INC.

Minimum  
EPA

HVJ Associates, Inc.

Geotechnical, Environmental & Materials Engineers



3120 S. Dairy Ashford Road  
Houston, Texas 77072  
(281) 933-7398  
(281) 933-7293 fax  
http://www.hvj.com

May 7, 2002

Ms. Edith Erling  
U.S. Fish & Wildlife Service  
Ecological Services  
17629 El Camino Real, Suite 211  
Houston, Texas 77058-3051

Re: Verification of Existence of Threatened/Endangered Species  
Tamina Community Water Supply and Sewer Project  
Montgomery County, Texas  
HVJ Project No. 02-112EA-0

Dear Ms. Erling:

The Tamina Water Supply and Sanitary Services Corporation (Tamina Corp) is in the process of performing an environmental review pursuant to the National Environmental Policy Act for the Texas Water Development Board in order that it may assess the environmental impacts of the project. The project location is shown on the attached copy of the Tamina USGS 7.5 minute quadrangle, Montgomery County, Texas. The project will involve the design and construction of about 30,000 linear feet of water lines, 30,000 linear feet of sanitary sewer lines, and a sanitary sewer lift station. Currently the area is serviced by individual and group water wells and septic systems. The plan is to connect the services (water and sewer) to the City of Oak Ridge North, located immediately south and operates existing water and sewerage facilities. Also attached is plan showing the approximate locations of the proposed facilities that will be constructed in the Tamina Community.

As currently planned, water and sanitary sewer lines will be constructed along existing roads and/or easements. The proposed project does not represent a "major construction activity" as defined in 50 CFR 402.02.

We request a list of any Federally-listed or proposed threatened or endangered species and designated or proposed critical habitat that may be present in the project area. In addition, please advise us of any present concerns you may have related to possible effects of the project listed above on such species or critical habitat, as well as any other wildlife concerns.

HVJ has reviewed the publicly available Endangered Species List for Montgomery County from the current U.S. Fish and Wildlife Service web site (May 7, 2002): The web site listed the Bald Eagle (*Haliaeetus leucocephalus*), and the Red-cockaded Woodpecker (*Picoides borealis*).

HVJ requests that the following statements be confirmed in regard to the subject property:

- 1) These facilities are not located in an officially designated wilderness area.
- 2) These facilities will not be located in an officially designated wildlife preserve.
- 3) These facilities will not likely affect listed, threatened or endangered species or designated critical habitats.

This review does not constitute our approval for wetlands, sensitive habitats, migratory birds or any other environmental requirements.

Approved: [Signature]  
Date: 5/21/2002

Clear Lake Ecological Services Field Office  
U.S. Fish and Wildlife Service  
17629 El Camino Real, Suite 211  
Houston, Texas 77058-3051

**APPENDIX D**

**TEXAS HISTORICAL COMMISSION LETTER**

# HVJA Associates, Inc.

Geotechnical, Environmental & Materials Engineers

6120 S. Dairy Ashford Road  
Houston, Texas 77072  
(281) 933-7388  
(281) 933-7293 fax  
<http://www.hvj.com>

May 7, 2002

Texas Historical Commission  
P.O. Box 12276  
Austin, Texas 78711

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MAY 10 2002

TEXAS HISTORICAL COMMISSION

Attn: Mr. Mark Denton  
State Historical Preservation Office

Re: Notification Letter - Proposed Utilities Construction Project  
Tamina Community Water Supply and Sewer Project  
Montgomery County, Texas  
HVJ Project No. 02-112EA-0

Gentlemen:

The Tamina Water Supply and Sanitary Service Corporation (Tamina Corp.) is in the process of performing an environmental review pursuant to the National Environmental Policy Act for the Texas Water Development Board in order that it may assess the environmental impacts of the project. The project will involve the design, and construction of about 30,000 linear feet of water lines, 30,000 linear feet of sanitary sewer lines, and a sanitary sewer lift station. Currently the area is serviced by individual and group water wells and septic systems. The plan is to connect the services (water and sewer) to the City of Oak Ridge North, located immediately south and operates existing water and sewerage facilities.

The project location is shown on the attached copy of the Tamina USGS 7.5 minute quadrangle, Montgomery County, Texas. Also attached is plan showing the approximate locations of the proposed facilities that will be constructed in the Tamina Community.

The Tamina Corp. requests the assistance of your office in identifying historic properties that are listed or eligible for listing on the National Register of Historic Places and that may be affected by the project. Please provide any recommendations you may have to mitigate or avoid these impacts, to properties that may be affected. We would appreciate a response within 30 days.

We believe that this project meets the scale criteria requiring notification to your office. Please review the attached information and advise us as to the cultural resource investigation requirements (if any) for the proposed project.

NO HISTORIC  
PROPERTIES AFFECTED  
PROJECT MAY PROCEED

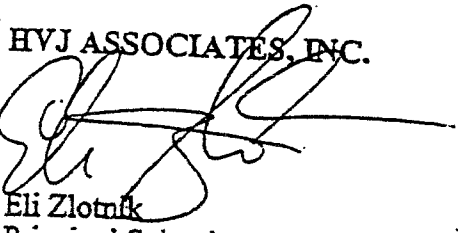
By William A. Brantley  
for F. Lawrence Oaks  
State Historic Preservation Officer

Date 6/3/02

On behalf of our client, HVJ Associates appreciates your cooperation on this matter. Please feel free to call me at (281) 933-7388 or e-mail at [elzotnik@hvj.com](mailto:elzotnik@hvj.com) should you have any questions.

Sincerely,

HVJ ASSOCIATES, INC.



Eli Zlotnik  
Principal Scientist

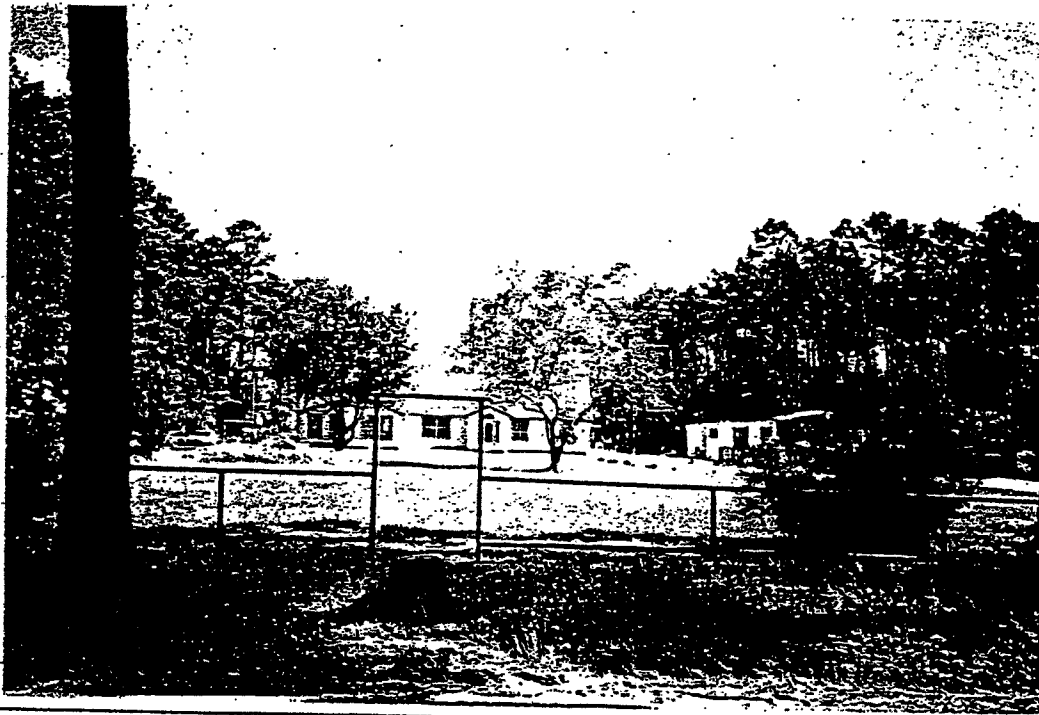
cc: Bryan Kennedy, Jones & Carter

Attachments

**APPENDIX E**  
**SITE PHOTOGRAPHS**



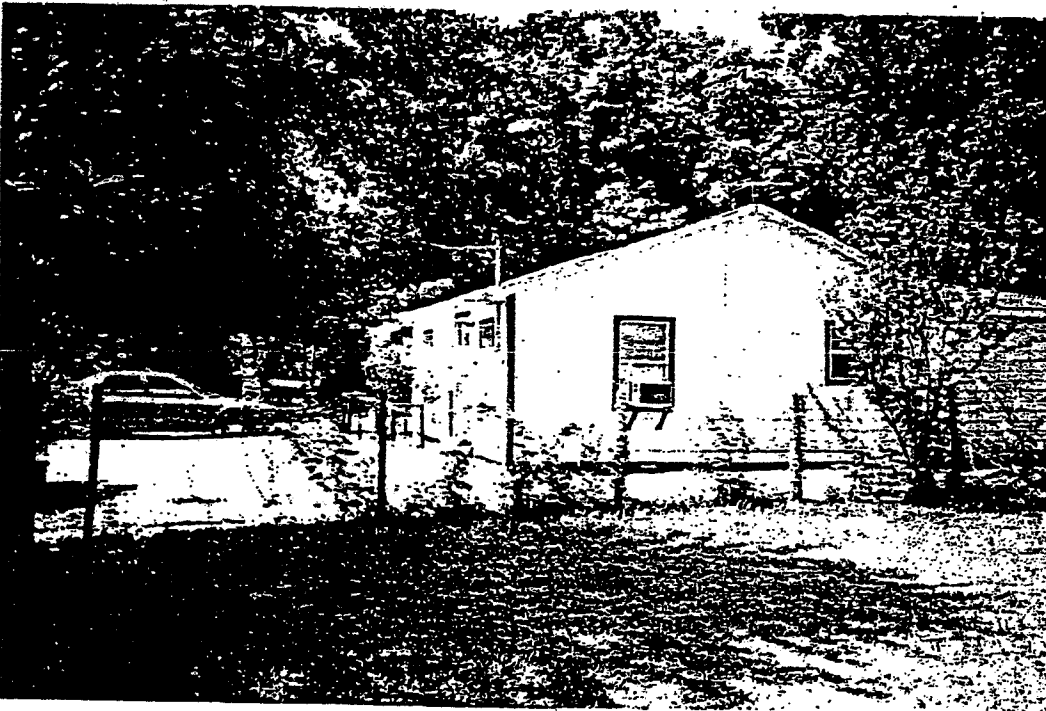
1. View looking west along Tamina Road toward I-45 in distance.



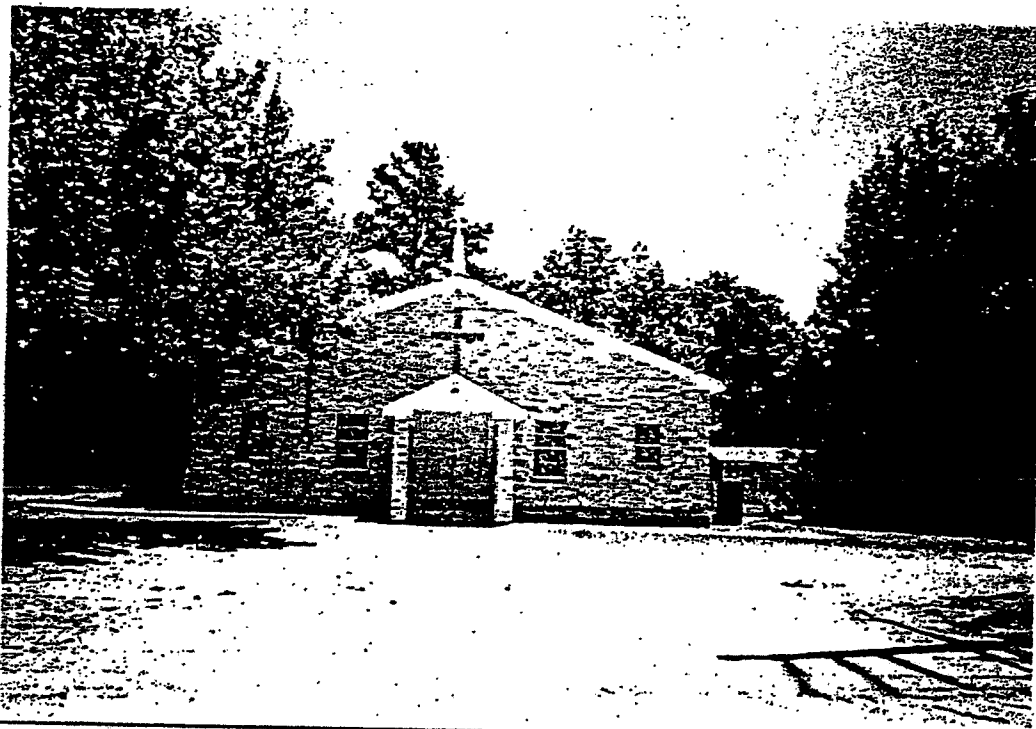
2. View of well-maintained house along north side of Tamina Road west of the railroad tracks. View is to the north.



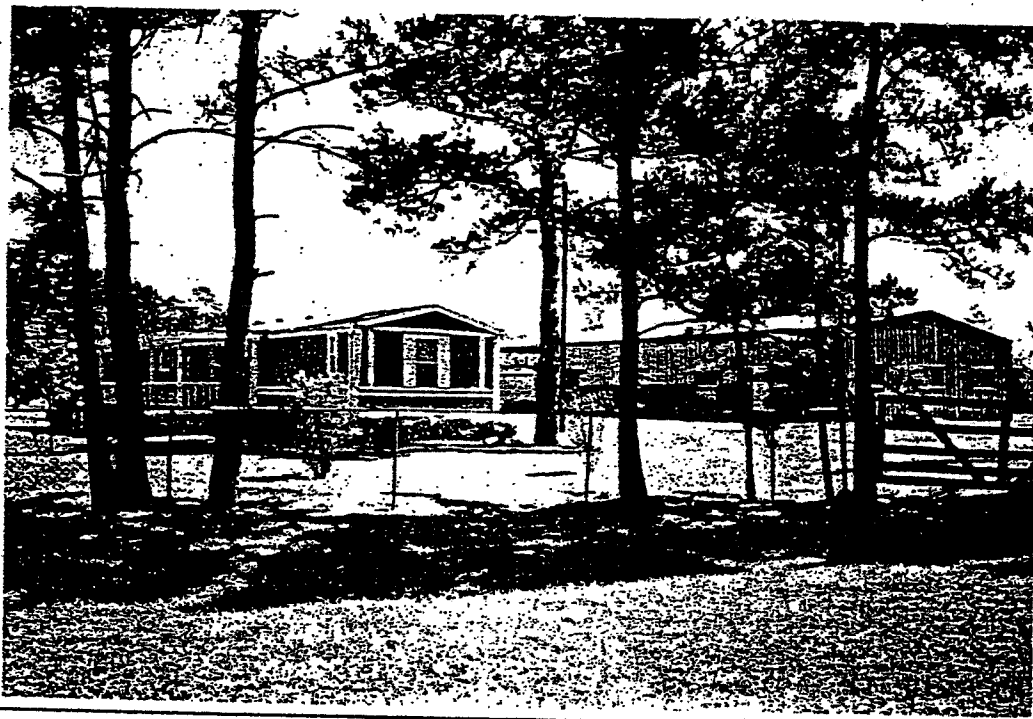
3. Old, well maintained, houses along Johnson Lane just south of Tamina Road.  
View is from Johnson Lane toward the west.



4. View of older moderately well maintained home on Johnson Lane about ½ mile north of Tamina Road.

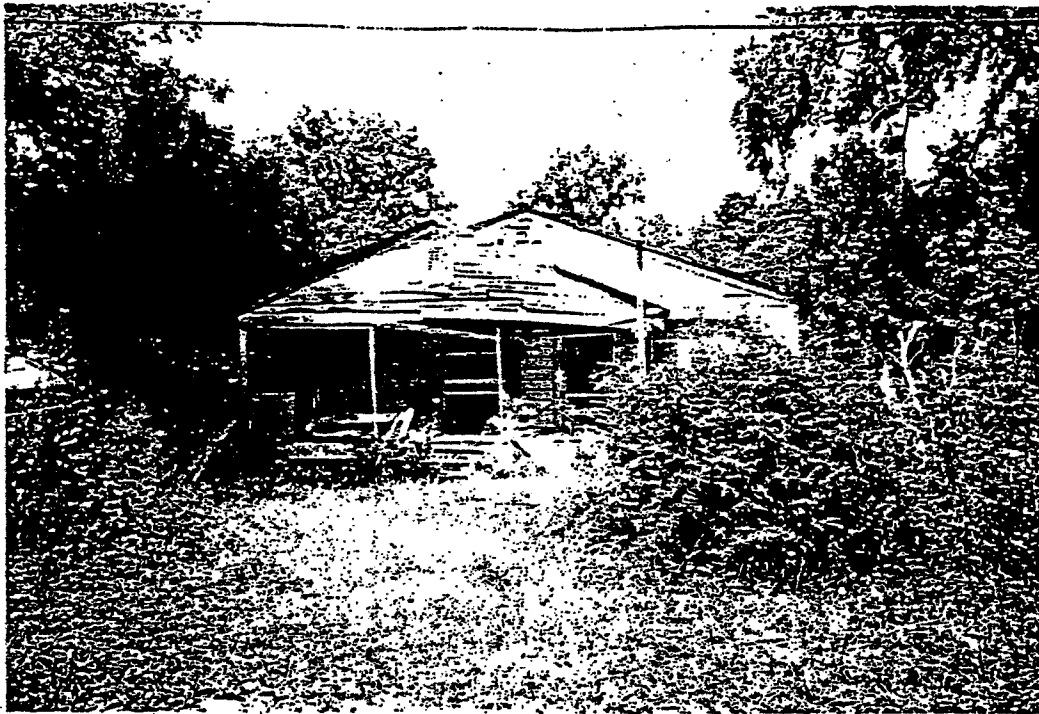


5. View looking east from Main Street at Tamina Church of Christ.



6. View looking north from Forest Lane of rural home sites. This area of the Tamina Community is predominantly white.





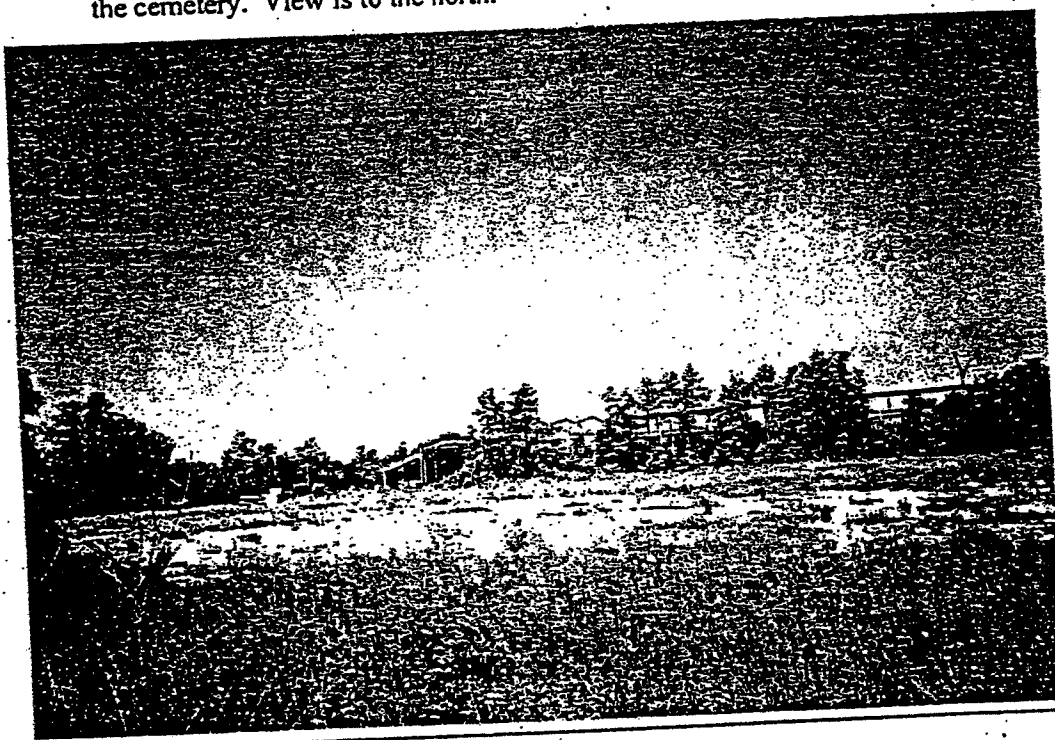
7. View of dilapidated house on Johnson Lane north of Tamina Road. View is to the west.



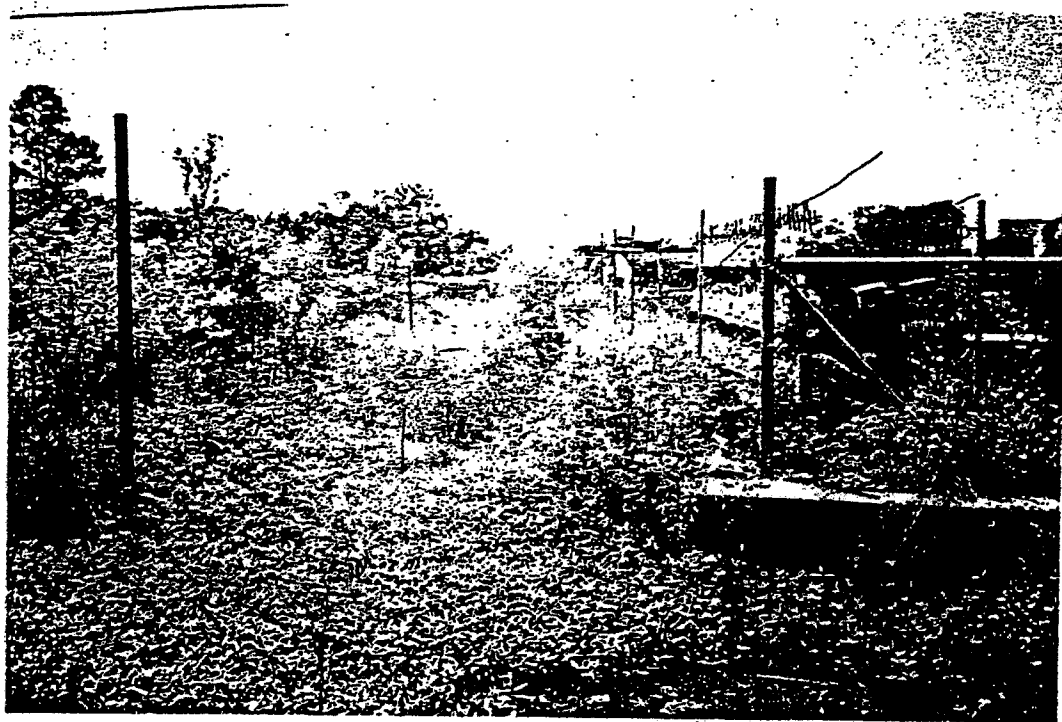
8. View of dilapidated house on Forest Lane. View is to the north.



9. View of poorly maintained homes along the Tamina Cemetery Road. The houses are located along the north side of the road just west of the unmarked entrance to the cemetery. View is to the north.



10. View looking south from Forest Lane toward industrial site whose entrance is near Main Street. Most of the facilities appear to be either abandoned or underutilized. The buildings were set back from the roadways over 100 feet.



11. View looking south from Broadway at the east end of the Geosouthern Energy industrial site. Note that the facility was constructed directly adjacent a wetland.



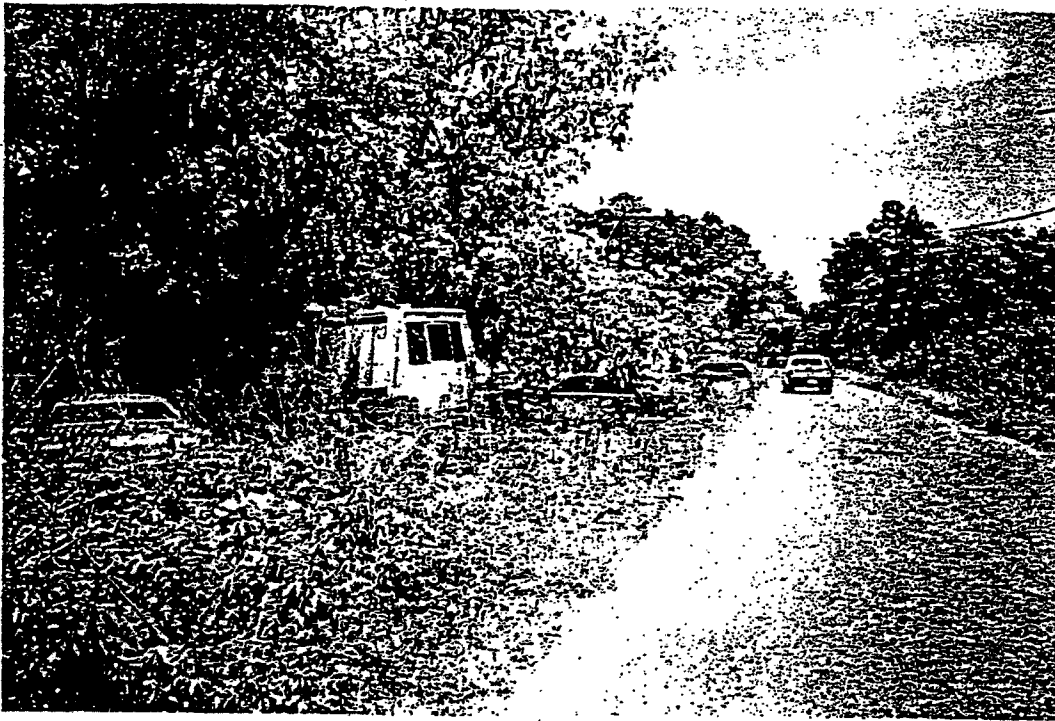
12. View looking north from Broadway at the Bullet Concrete industrial site. This entrance is located about 2000 feet east of Main Street.



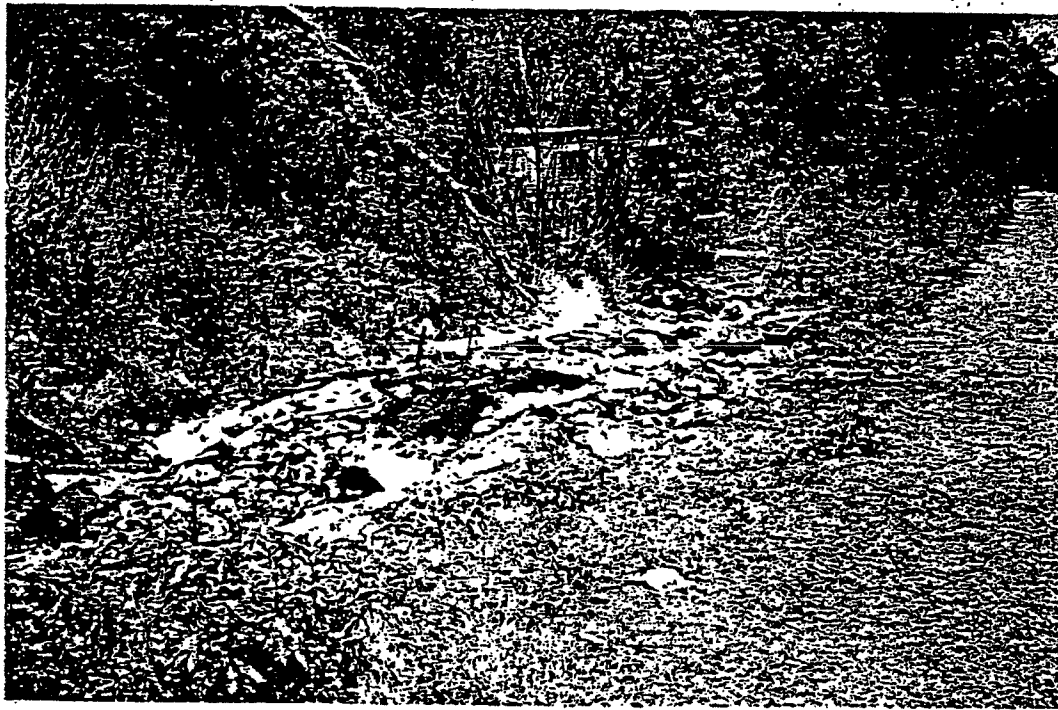
13. View looking north from Broadway of another entrance to Bullet Concrete. This entrance is closer to Main Street.



14. View looking west along Bihms. Note the stacks of lumber waiting mulching.



15. View looking east along Bihms. Note the dumping and abandoned vehicles just off the pavement to the left.



16. Trash dumping along Bihms looking east.



17. Vacant lot with dumping along Main Street.



18. Vacant lot along Main Street between Tamina Road and Sleepy Hollow. View is to the east. Note the abandoned storage tanks located on the lot.

**APPENDIX F**

**REGULATED ENVIRONMENTAL SITE DATA BASE (ASTM E 1527)**

# ***ATLAS E.R. Map Report***

***(Exceeds ASTM Standard E1527-00 plus VCPs)***

---

**Area of Review:**

**Atlas Job #02-05-940  
Tamina Site  
Montgomery County, Texas**

**Site (Centerpoint) Coordinates:**

**North 30° 10.728' (30.1788)  
West 95° 26.274' (-95.4379)**

**Prepared For:**

**Eli Zlotnik  
HVJ Associates, Inc.  
Houston, Texas**

---

*Prepared on May 27, 2002 by  
Atlas Environmental Research, Inc.  
9514 McNeil Road, Suite 201  
Austin, Texas 78758  
1-800-940-0977*



# Report Summary

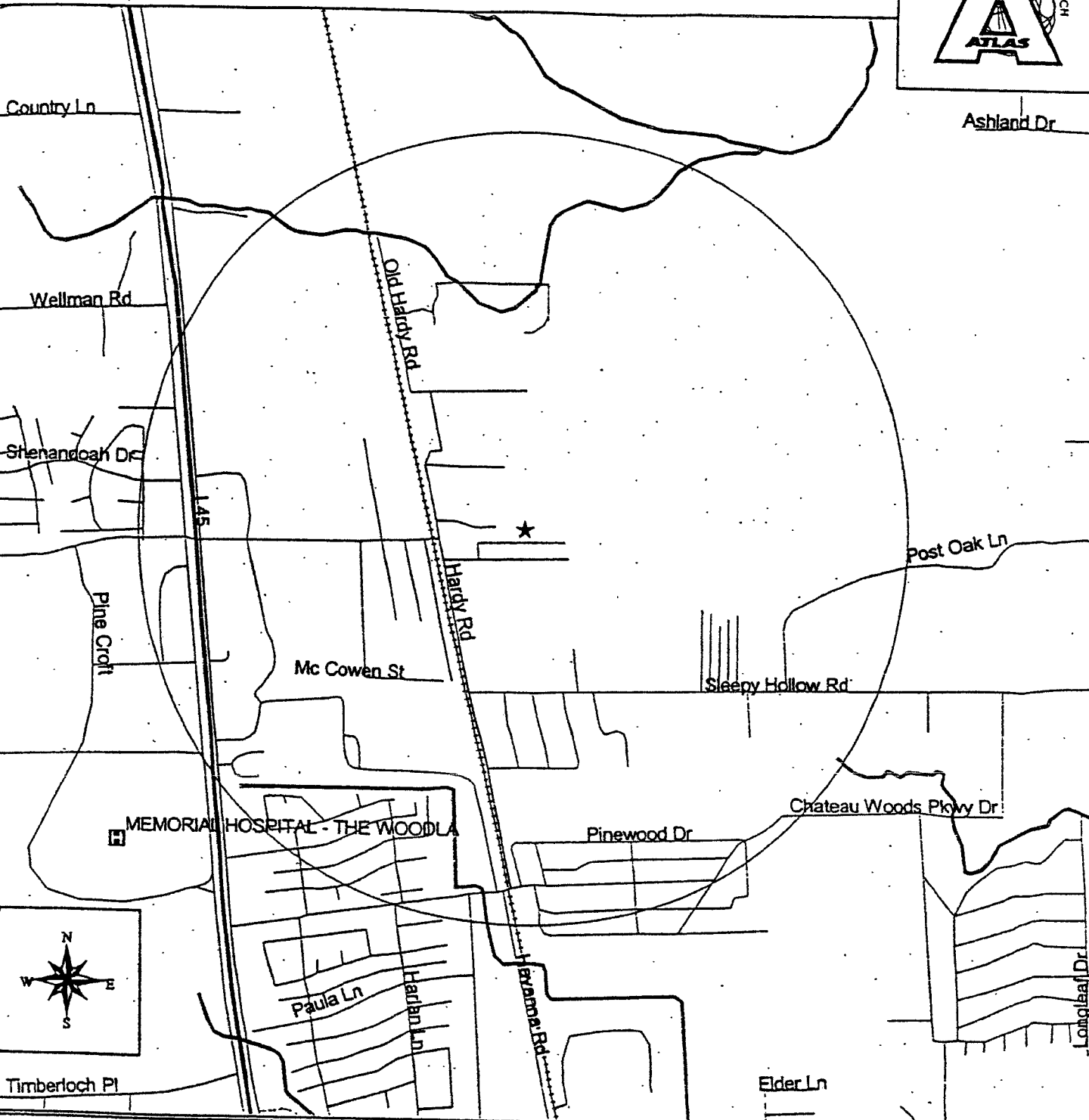
Section	ASTM Database & Date	Radius	# Sites Mapped	# LUs *	MapIDs
1 **	RCRIS (excludes TSDs) - 12/17/2001	1 mile	0	1	
1.1 **	RCRIS TSD Facilities - 12/17/2001	1 mile	0	0	
2	CERCLIS - 4/15/2002	1 mile	0	0	
3	NFRAP - 4/15/2002	1 mile	0	1	
4	NPL - 4/15/2002	1 mile	0	0	
5	ERNS - 5/19/2000	1 mile	0	0	
6	State Superfund - 12/5/2001	1 mile	0	0	
7	LPST - 3/27/2002	1 mile	0	4	
8	RST - 12/4/2001	1 mile	0	5	
9	MSW Landfills - 3/14/2002	1 mile	0	0	
10	VCPs - 12/18/2001	1 mile	0	0	

Total Sites Mapped = 0

11 = Total LUs

\* Location Unknown Sites (LUs) - Extensive effort is made to ensure that as many sites as possible are geocoded or manually pointed for an Atlas E.R. Map & Report. However, due to inaccurate and/or insufficient information within a particular database, some sites cannot be accurately located and may be noted as "LU" in this report. These sites will not appear on the map, but full database information has been included in the report. These sites may or may not be within the area but are submitted for your review.

\*\* All RCRIS Facilities listed within the EPA's CORRACTS (Corrective Action) Database have been included in this report if they are determined to be within the area of review.



Atlas E.R. Map Legend - ASTM E1527-00 Standard plus VCP

Additional Features

- |                           |                                  |
|---------------------------|----------------------------------|
| ▲ Section 1 - RCRIS       | ● Section 6 - Superfund Boundary |
| ▲ Section 1.1 - RCRIS TSD | ▲ Section 6 - Superfund Point    |
| ▲ Section 2 - CERCLIS     | ▲ Section 7 - LPST               |
| ▲ Section 3 - NFRAP       | ▲ Section 8 - PST                |
| ▲ Section 4 - NPL         | ▲ Section 9 - Landfill           |
| ▲ Section 5 - ERNS        | ▲ Section 10 - VCP               |

- Airports
- Major Water
- Parks
- Railroads
- Rivers & Bayous
- ★ Subject Property
- Subject Property Boundary

All Databases Mapped to 1 Mile

Approximate Locations Only  
1 Mile Radius Shown

1:24000

1320 0 1320 Feet

Resource Conservation and Recovery Information System (RCRIS) - Atlas E.R. Map Report  
Notifier / Non-notifier facilities

Section 1, Page 1

(excludes TSDs, includes CORRACTS and non-CORRACTS Facilities)

Source: Environmental Protection Agency (EPA)  
Database Updated: December 17, 2001

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Facility ID: TXD981598188      Notification Date: 12/18/86      Facility Contact: ROGER MATHESON  
Facility Name: SHOWCASE PAINT & BODY SOUTH  
Address: 9118 I-45 S.      Contact Phone: 7133672691  
City: CONROE      Zip: 77385      Corrective Action (CORRACTS): No

MAP ID  
LU

Commercial Facility Status: No Data  
Transporter Indicator: No Data  
UIC Indicator: No Data  
Specification Used Oil Marketing: No Data

0  
Distance from site (feet)  
0  
Distance from site (miles)  
Direction from site  
-X (Decimal Degrees)  
Y (Decimal Degrees)

TSD or Combustion Indicator: No Data  
TSD Description: No Data  
Generator Description: No Data  
Generator Indicator: Between 100-1,000 kg during any month

<u>Eval.</u>	<u>Viol.</u>	<u>Resolved</u>	<u>Enforce.</u>	<u>Penalty</u>
<u>Date</u>	<u>Date</u>	<u>Date</u>	<u>Date</u>	<u>Assessed</u>
<u>Evaluation Type</u>	<u>Area of Violation</u>	<u>Enforcement Type</u>		
No Evaluations	No Violations	No Enforcements		

No Further Remedial Action Planned Sites (NFRAP) -  
Archived CERCLIS Sites

Source: Environmental Protection Agency (EPA)  
Database Updated: April 15, 2002

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EPA ID Number: TXD981910284  
Site Name: SANCHEZ RESIDENCE  
  
Address: 322 PINE MANOR  
City: OAK RIDGE NORTH      Zip: 77302  
Site Characteristic: PRIVATE RESIDENCE

Incident Type:  
NPL Status: N  
Federal Facility Status: N

MAP ID  
LU

0  
Distance from site (feet)  
0  
Distance from site (miles)  
Direction from site  
-X (Decimal Degrees)  
Y (Decimal Degrees)

<u>Event</u>	<u>Date Started</u> <u>Date Finished</u>	
DISCOVERY	19870301	
PRELIMINARY ASSESSMENT	19871001	19871001
SITE INSPECTION	19880601	19880601
VS - Code Unknown	19940617	

# Texas Leaking Underground Petroleum Storage Tanks (LPST)

Atlas E.R. Map Report

Section 7, Page 1

Source: Texas Natural Resource Conservation Commission (TNRCC)  
Database Updated: March 27, 2002

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3524			NATIONAL CONVENIENCE STORES			MAP ID LU	
LPST ID Number	Facility Name		PRP - Name				
039796	28727 IH-45		PO BOX 758				
Facility ID Number	Facility Address		PRP - Address				
111/89	28727 IH-8727		HOUSTON TX 77001				
Date Reported	Facility Location		PRP - City				
	SHENANDOAH		PRP - State				
	Facility City	Facility Zip	PRP - Zip			Distance from site (feet)	
			JOHN WILLRODT			0	
			PRP - Contact			Distance from site (miles)	
			713/863-2318			0	
						Direction from site	
						-X (Decimal Degrees)	
						Y (Decimal Degrees)	

Oil contamination only, requires full site assessment & RAP

Priority

Final concurrence issued, case closed

Status

992241			SPEEDWAY SUPER AMERICA LLC			MAP ID LU	
LPST ID Number	Facility Name		PRP - Name				
000939	8901 S IH-45		3200 POINTE PKWY SUITE 150				
Facility ID Number	Facility Address		PRP - Address				
0/18/88	8901 S IH-901 S		NORCROSS GA 30092				
Date Reported	Facility Location		PRP - City				
	CONROE	77302	PRP - State				
	Facility City	Facility Zip	PRP - Zip			Distance from site (feet)	
			WAYNE HOLT			0	
			PRP - Contact			Distance from site (miles)	
			770/797-9269			0	
						Direction from site	
						-X (Decimal Degrees)	
						Y (Decimal Degrees)	

Groundwater impacted, no apparent threats or impacts to receptors

Priority

Corrective Action Plan

Status

108786			DIAMOND SHAMROCK, INC.			MAP ID LU	
LPST ID Number	Facility Name		PRP - Name				
0039796	28727 N HWY 75		PO BOX 758				
Facility ID Number	Facility Address		PRP - Address				
10/25/94	28727 N HWY 75		HOUSTON TX 77001				
Date Reported	Facility Location		PRP - City				
	SPRING	77358	PRP - State				
	Facility City	Facility Zip	PRP - Zip			Distance from site (feet)	
			GERALD STAUFFER			0	
			PRP - Contact			Distance from site (miles)	
			713/957-1393			0	
						Direction from site	
						-X (Decimal Degrees)	
						Y (Decimal Degrees)	

No groundwater impact, no apparent threats or impacts to receptors

Priority

Final concurrence issued, case closed

Status

# Texas Leaking Underground Petroleum Storage Tanks (LPST)

Atlas E.R. Map Report

Source: Texas Natural Resource Conservation Commission (TNRCC)

Section 7, Page 2

Database Updated: March 27, 2002

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094318	CHEVRON SERVICE STATION #60107635		CHEVRON USA INC		<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>MAP ID</b>  <b>LU</b> </div>
LPST ID Number	Facility Name	PRP - Name			
0028451	28677 N IH-45	PO BOX 4256			
Facility ID Number	Facility Address	PRP - Address			
12/19/89	28677 N IH-8677 N	HOUSTON	TX	77210	
Date Reported	Facility Location	PRP - City	PRP - State	PRP - Zip	Distance from site (feet)
	SPRING				0
	Facility City	Facility Zip	AARON ALLEN	713/754-3660	Distance from site (miles)
			PRP - Contact	PRP - Phone	0
Groundwater impact, public / domestic water supply well within 0.25 miles					Direction from site
Priority					-X (Decimal Degrees)
Final concurrence issued, case closed					Y (Decimal Degrees)
Status					

# Texas Petroleum Storage Tanks (PST)

Source: Texas Natural Resource Conservation Commission (TNRCC)  
Database Updated: December 4, 2001

## Atlas E.R. Map Report

Section 8, Page 1

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### Facility Name, Location, & Manager:

KWIK SERV  
27328 WOODSON RD  
CONROE  
77385

JIMMY HEMANI  
7133677272

Operator First Name:  
Operator Last Name: Ab Hemani  
Operator Phone: 281-367-7272

Facility Number: 4696  
Registration Date: 050886  
Facility Type: Unidentified  
# Underground Tanks: 0002  
# Above-Ground Tanks: 0000

Owner Information:  
CINCO STAR INC

BANDE-ALI HEMANI  
7133677272

MAP ID  
LU

0

Distance from site (feet)

0

Distance from site (miles)

Direction from site

-X (Decimal Degrees)

Y (Decimal Degrees)

Tank ID	Installed Date	Tank Status	Status Date	Tank Capacity	UST / AST
1	010178	In use		0010000	Underground
Compartment: A Capacity: 0 Substance: Gasoline Other Substance:					
Tank Material: Other Tank Material: Pipe Material: Other Pipe Material:					
	010178	In use		0010000	Underground
Compartment: A Capacity: 0 Substance: Gasoline Other Substance:					
Tank Material: Other Tank Material: Pipe Material: Other Pipe Material:					

# Texas Petroleum Storage Tanks (PST)

Atlas E.R. Map Report

Source: Texas Natural Resource Conservation Commission (TNRCC)

Section 8, Page 2

Database Updated: December 4, 2001

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## Facility Name, Location, & Manager:

SUNMART #144  
28677 IH 45 N  
SPRING  
77381

Manager  
281-364-9542

Operator First Name:  
Operator Last Name: CHRIS BUTLER  
Operator Phone: 281-444-2266

Facility Number: 28541  
Registration Date: 050886  
Facility Type: Retail  
# Underground Tanks: 0006  
# Above-Ground Tanks: 0000

Owner Information:  
PETROLEUM WHOLESALE INC  
Chris  
Butler  
281-444-2266 x 1276

MAP ID  
LU

0  
Distance from site (feet)

0  
Distance from site (miles)

Direction from site

-X (Decimal Degrees)

Y (Decimal Degrees)

Tank ID	Installed Date	Tank Status	Status Date	Tank Capacity	UST / AST
1	010169	Perm. filled in place	000000	0000550	Underground
Compartment: A Capacity: 0 Substance: Used Oil Other Substance:			Tank Material: Steel Other Tank Material: Pipe Material: Other Pipe Material:		
2	010176	Removed from ground	083187	0010000	Underground
Compartment: A Capacity: 0 Substance: Diesel Other Substance:			Tank Material: FRP (fiberglass-reinforced plastic) Other Tank Material: Pipe Material: FRP (fiberglass-reinforced plastic) Other Pipe Material:		
5	010181	Removed from ground	083187	0012000	Underground
Compartment: A Capacity: 0 Substance: Gasoline Other Substance:			Tank Material: FRP (fiberglass-reinforced plastic) Other Tank Material: Pipe Material: FRP (fiberglass-reinforced plastic) Other Pipe Material:		
4	010181	Removed from ground	083187	0012000	Underground
Compartment: A Capacity: 0 Substance: Gasoline Other Substance:			Tank Material: FRP (fiberglass-reinforced plastic) Other Tank Material: Pipe Material: FRP (fiberglass-reinforced plastic) Other Pipe Material:		



Texas Petroleum Storage Tanks (PST)

Source: Texas Natural Resource Conservation Commission (TNRCC)  
Database Updated: December 4, 2001

Atlas E.R. Map Report  
Section 8, Page 3

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3	010181	Removed from ground	083187	0012000	Underground	Compartment: A Capacity: 0 Substance: Gasoline Other Substance:	Tank Material: FRP (fiberglass-reinforced plastic) Other Tank Material: Pipe Material: FRP (fiberglass-reinforced plastic) Other Pipe Material:
1	070194	In use		0020000	Underground	Compartment: A Capacity: 12000 Substance: Gasoline Other Substance:	Tank Material: Composite (steel w/external FRP cladding) Other Tank Material: Pipe Material: 8 Other Pipe Material: Total Containment FI
1	010169	Perm. filled in place	000000	0000550	Underground	Compartment: B Capacity: 8000 Substance: Other Substance:	Tank Material: Steel Other Tank Material: Pipe Material: Other Pipe Material:

Facility Name, Location, & Manager:

Stop N Go #2317  
28727 Hwy 75 N  
Spring  
77358  
Mulkey  
7132637364

Operator First Name: joanne  
Operator Last Name: SCHAEFER  
Operator Phone: 210-592-4994

Facility Number: 39796  
Registration Date: 050886  
Facility Type: Retail  
# Underground Tanks: 0004  
# Above-Ground Tanks: 0000  
Owner Information:  
DIAMOND SHAMROCK REFINING & MK  
Billy  
Hunt  
214-902-1601

MAP ID  
LU

0  
Distance from site (feet)  
0  
Distance from site (miles)  
Direction from site  
-X (Decimal Degrees)  
Y (Decimal Degrees)

Tank ID	Installed Date	Tank Status	Status Date	Tank Capacity	UST / AST
4	010184	In use		0012000	Underground
		Compartment: A Capacity: 0 Substance: Diesel Other Substance:			Tank Material: Steel Other Tank Material: Pipe Material: Steel Other Pipe Material:

# Texas Petroleum Storage Tanks (PST)

Source: Texas Natural Resource Conservation Commission (TNRCC)  
Database Updated: December 4, 2001

Atlas E.R. Map Report

Section 8, Page 4

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1	010184	In use	0012000	Underground
	Compartment: A		Tank Material: Steel	
	Capacity: 0		Other Tank Material:	
	Substance: Gasoline		Pipe Material: Steel	
	Other Substance:		Other Pipe Material:	
3	010184	In use	0012000	Underground
	Compartment: A		Tank Material: Steel	
	Capacity: 0		Other Tank Material:	
	Substance: Gasoline		Pipe Material: Steel	
	Other Substance:		Other Pipe Material:	
2	010184	In use	0012000	Underground
	Compartment: A		Tank Material: Steel	
	Capacity: 0		Other Tank Material:	
	Substance: Gasoline		Pipe Material: Steel	
	Other Substance:		Other Pipe Material:	

## Facility Name, Location, & Manager:

Bullet Concrete Materials Inc  
9393 Broadway Rd  
CONROE  
77385

HEROLD DENTON  
7133679747

Operator First Name:  
Operator Last Name:  
Operator Phone:

Facility Number: 55914  
Registration Date: 091790  
Facility Type: Fleet Refueling  
# Underground Tanks: 0001  
# Above-Ground Tanks: 0000

## Owner Information:

Bullet Concrete Materials Inc  
Harold  
Denton, Jr  
281-367-9747

MAP ID  
LU

0  
Distance from site (feet)  
0  
Distance from site (miles)  
Direction from site  
-X (Decimal Degrees)  
Y (Decimal Degrees)

Tank ID	Installed Date	Tank Status	Status Date	Tank Capacity	UST / AST
1	040186	In use		0000000	Underground
	Compartment: A		Tank Material: Steel		
	Capacity: 0		Other Tank Material:		
	Substance: Diesel		Pipe Material: Steel		
	Other Substance:		Other Pipe Material:		

# Texas Petroleum Storage Tanks (PST)

## Atlas E.R. Map Report

Source: Texas Natural Resource Conservation Commission (TNRCC)  
Database Updated: December 4, 2001

Section 8, Page 5

Disclaimer - Atlas Environmental Research will not be held financially liable for any errors or omissions that may occur in the Atlas E.R. Map / Report as a result of the information obtained from the EPA / TNRCC, or as a result of the geocoding / data warehousing process. All information in this report has been obtained from state and / or federal publically available databases and is presented "as is." None of this information has been changed or verified by Atlas Environmental Research and, therefore, may be inaccurate and / or incomplete. Certain errors within this database may prevent a site from geocoding or even from being manually pointed on the map. For these reasons, it is recommended that all data received be field verified and that the area of review be field surveyed to help ensure that no sites are overlooked in the due diligence process.

### Facility Name, Location, & Manager:

TEXACO SERVICE STATION  
28055 IH 45  
THE WOODLANDS  
77380

David Mulkey  
281-376-2455

Operator First Name:  
Operator Last Name: R I RENEAU  
Operator Phone: 817-337-8338

Facility Number: 60460  
Registration Date: 100991  
Facility Type: Retail  
# Underground Tanks: 0004  
# Above-Ground Tanks: 0000

Owner Information:  
Motiva Enterprises LLC  
George  
Cartwright  
281-655-0090

MAP ID  
LU

0

Distance from site (feet)

0

Distance from site (miles)

Direction from site

-X (Decimal Degrees)

Y (Decimal Degrees)

Tank ID	Installed Date	Tank Status	Status Date	Tank Capacity	UST / AST	
3	070191	In use		0010000	Underground	
		Compartment: A	Tank Material: FRP (fiberglass-reinforced plastic)			
		Capacity: 0	Other Tank Material:			
		Substance: Gasoline	Pipe Material: FRP (fiberglass-reinforced plastic)			
		Other Substance:	Other Pipe Material:			
1	070191	In use		0012000	Underground	
		Compartment: A	Tank Material: FRP (fiberglass-reinforced plastic)			
		Capacity: 0	Other Tank Material:			
		Substance: Gasoline	Pipe Material: FRP (fiberglass-reinforced plastic)			
		Other Substance:	Other Pipe Material:			
2	070191	In use		0010000	Underground	
		Compartment: A	Tank Material: FRP (fiberglass-reinforced plastic)			
		Capacity: 0	Other Tank Material:			
		Substance: Gasoline	Pipe Material: FRP (fiberglass-reinforced plastic)			
		Other Substance:	Other Pipe Material:			
4	070191	In use		0010000	Underground	
		Compartment: A	Tank Material: FRP (fiberglass-reinforced plastic)			
		Capacity: 0	Other Tank Material:			
		Substance: Diesel	Pipe Material: FRP (fiberglass-reinforced plastic)			
		Other Substance:	Other Pipe Material:			

**APPENDIX G**

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY LETTER**

# HVJ Associates, Inc.

Geotechnical, Environmental & Materials Engineers

8120 S. Dairy Ashford Road  
Houston, Texas 77072  
(281) 933-7388  
(281) 933-7293 fax  
<http://www.hvj.com>

March 20, 2003

Mr. Ken Gathright VIA: FAX  
Texas Commission on Environmental Quality - Air Quality Division  
12100 Park 35 Circle  
Austin, Texas 78753

Re: Tamina Community Water Supply and Sewer Project - Montgomery County, Texas  
HVJ Project No. 02-112EA-0

Dear Mr. Gathright:

The Tamina Water Supply and Sanitary Service Corporation (Tamina Corp) is in the process of performing an environmental review pursuant to the National Environmental Policy Act for the Montgomery County Community Development in order that it may assess the environmental impacts of the project. The project location is shown on the attached copy of the Tamina USGS 7.5 minute quadrangle, Montgomery County, Texas. The project will involve the design, and construction of about 30,000 linear feet of water lines, 30,000 linear feet of sanitary sewer lines, and a sanitary sewer lift station. Currently, the area is serviced by individual and group water wells and septic systems. The plan is to connect the services (water and sewer) to the City of Oak Ridge North, located immediately south and operates existing water and sewerage facilities. Also attached is plan showing the approximate locations of the proposed facilities that will be constructed in the Tamina Community.

As currently planned, water and sanitary sewer lines will be constructed along existing roads and/or easements. The construction, maintenance, and operation of this proposed facility would be consistent with the State Implementation Plan as prepared by the TCEQ. The proposed project does not represent a "major construction activity" as defined in 50 CFR 402.02. Furthermore, the proposed action does not include stationary sources that require a permit. The construction phase of the project will be of short duration. The control of particulate matter emanating from various construction activities will be in accordance with TCEQ regulations. To minimize exhaust emissions, contractors will be required to use emission control devices and limit unnecessary idling of construction vehicles.

Because of the above-stated reasons, we believe an air conformity analysis is not required for this project. If you agree with this assessment, please indicate your concurrence by your signature and date in the space provided below. If you need any further information or wish to discuss our project, please contact me at (281) 933-7388. Your assistance is appreciated.

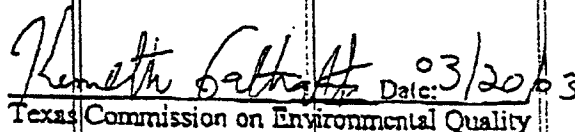
Sincerely,

HVJ ASSOCIATES, INC.

Concurrence:



Rhonda Boyer  
Manager, Environmental Planning



Date: 03/20/03  
Texas Commission on Environmental Quality

Attachments

Cc: Bryan Kennedy, Jones & Carter

**APPENDIX H**  
**HUD CHECKLISTS**

# Environmental Assessment Checklist

P. 1

Project Name and Identification No.

Impact Categories	1 No Impact Anticipated	2 Potentially Beneficial	3 Potentially Adverse Requires Documentation	4 Potentially Adverse Requires More Study	5 Needs Mitigation	6 Requires Project Modification	7 Source or Documentation (Note date of contract or page reference) Additional material may be attached
<b>Land Development</b>							
Conformance with Comprehensive Plans and Zoning		X					Environmental Assessment
Compatibility and Urban Impact		X					Environmental Assessment
Slope	X						Environmental Assessment
Erosion	X						Environmental Assessment
Soil Suitability	X						Environmental Assessment
Hazards and Nuisances, including Site Safety	X						Environmental Assessment
Energy Consumption	X						Environmental Assessment
<b>Noise</b>							
Effect of Ambient Noise on Project and Contribution to Community Noise Level	X						Environmental Assessment
<b>Air Quality</b>							
Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels	X						Environmental Assessment; Correspondence from TCEQ
<b>Environmental Design and Historic Values</b>							
Visual Quality—Coherence, Diversity, Compatible Use, and Scale	X						Environmental Assessment
Historic, Cultural, and Archeological Resources	X						Environmental Assessment; Correspondence from Texas Historical Commission

# Environmental Assessment Checklist

P.2

Project Name and Identification No.

Project Categories	1	2	3	4	5	6	7
	No Impact Anticipated	Potentially Beneficial	Potentially Adverse Requires Documentation Only	Potentially Adverse Requires More Study	Needs Mitigation	Requires Project Modification	Source or Documentation (Note date of contract or page reference) Additional material may be attached

## Economic

Geographic/Characteristics

X

Environmental Assessment

Placement

X

Environmental Assessment

Employment and Income  
Losses

X

Environmental Assessment

## Community Facilities and Services

Educational Facilities

X

Environmental Assessment

Commercial Facilities

X

Environmental Assessment

Health Care

X

Environmental Assessment

Social Services

X

Environmental Assessment

Solid Waste

X

Environmental Assessment

Waste Water

X

Environmental Assessment

Storm Water

X

Environmental Assessment

Water Supply

X

Environmental Assessment



# Environmental Assessment Checklist

P.3

Project Name and Identification No.

## Community Facilities and Services (Continued)

Public Safety: Police	X						Environmental Assessment
Public Safety: Fire Protection		X					Environmental Assessment
Public Safety: Emergency Medical		X					Environmental Assessment
Open Space	X						Environmental Assessment
Recreation		X					Environmental Assessment
Cultural Facilities		X					Environmental Assessment
Transportation	X						Environmental Assessment

## Natural Features

Water Resources		X					Environmental Assessment
Surface Water		X					Environmental Assessment
Floodplains		X					Environmental Assessment
Wetlands		X					Environmental Assessment; Correspondence from USACE
Coastal Zone	X						Environmental Assessment
Unique Natural Features and Agricultural Lands	X						Environmental Assessment
Vegetation and Wildlife	X						Environmental Assessment; Correspondence from USFWS

# Environmental Assessment Checklist

P.4

Project Name and Identification No.

## Summary of Findings and Conclusions:

A finding of no significant impact (FONSI) for this project is recommended based upon the result of environmental impact analysis and in-depth alternative development and evaluation, which is described in this EA. The EA also determined that the proposed action would not incur significant impacts on the environment, therefore providing sufficient evidence and analysis for determining that an Environmental Impact Statement (EIS) is not required.

## Summary of Environmental Conditions:

A detailed description of the environmental condition, both existing and anticipated if the proposed project is implemented, can be found in the Environmental Assessment prepared for the proposed water lines, sewer lines and lift station in the Tamina community.

## Project Modifications and Alternatives Considered:

There are limited alternatives to the water supply problem in the Tamina Community. The alternatives assessed were as follows: 1) No build; 2) Water and Sewer Lines as Proposed; 3) Creation of Separate MUD; and, 4) Alternative Line Locations, Sources and Treatment. A recommendation for Alternative 2 is proposed based on the criteria of constructability, primary and secondary environmental impacts, and costs.

## Additional Studies Performed: (Attach study or summary)

A preliminary wetland determination was conducted on those sections. The USACE conducted a site visit on December 11, 2002. The USACE stated in correspondence dated January 21, 2002 that, based on the site visit and information submitted, the proposed utility line route would cross into jurisdictional waters of the U. S. The USACE further stated that it is possible that the project would likely qualify for a Nationwide 12 permit which authorizes the construction of utility lines through wetlands.

## Mitigation Measures Needed:

A wetland delineation report along with detailed construction plans would be required prior to the USACE making a final determination on permit requirements. In the event construction plans could be modified to avoid wetland areas, a permit would not be needed. The use of erosion control BMPs, as defined by the TCEQ and including limiting the time disturbed ground is exposed to rainfall and runoff water and diverting runoff from areas subject to erosion, would be used to minimize soil erosion.