

AGENDA PLACEMENT FORM

(Submission Deadline – Monday, 5:00 PM before Regular Court Meetings)

Date: _____

Meeting Date: 8/26/2024

Submitted By: County Judge's Office

Department: _____

Signature of Elected Official/Department Head:

Court Decision: <small>This section to be completed by County Judge's Office</small>

<p>August 26, 2024</p>

Description:

Consider and Approve Texas State Soil and Water Conservation Board – Flood Control Structural Repair Grant Program Application for Chambers Creek Watershed Flood Retarding Structure Site 58; with Authorization for County Judge to Sign Sponsor Certification Forms (TSSWCB-FC-A1) Presented by Barney McClure and Paula Burgess

(May attach additional sheets if necessary)

Person to Present: Paula Burgess / Barney McClure

(Presenter must be present for the item unless the item is on the Consent Agenda)

Supporting Documentation: (check one) PUBLIC CONFIDENTIAL

(PUBLIC documentation may be made available to the public prior to the Meeting)

Estimated Length of Presentation: _____ minutes

Session Requested: (check one)

Action Item Consent Workshop Executive Other _____

Check All Departments That Have Been Notified:

County Attorney IT Purchasing Auditor

Personnel Public Works Facilities Management

Other Department/Official (list) _____

**Please List All External Persons Who Need a Copy of Signed Documents
In Your Submission Email**

FORM NUMBER: TSSWCB-FC-1B
Effective Date: January 1, 2023

TEXAS STATE SOIL AND WATER CONSERVATION BOARD
Application for Flood Control Structural Repair Grant
Funds

TECHNICAL FORM

Complete this form for all flood control dams for which grant funds are being requested and attach to a completed Administrative Form [TSSWCB-FC-1A]. Use a separate Technical Form for each individual flood control dam. Information from each Technical Form must be summarized on Page 4 of the Administrative Form. This form is not required to request grant funds to provide a portion of the matching funds required for a federal Rehabilitation Program or federal Emergency Watershed Protection Program project being performed by the USDA-Natural Resources Conservation Service.

Flood Control Dam Identification:	
National Inventory of Dams (NID) Identification Number:	TX03609
Flood Control Dam's Common Name:	Chambers Creek Site 58
Year of Flood Control Dam Completion:	1963
County the Dam is Geographically Located Within:	Johnson
The O&M Sponsor for this Flood Control Dam:	Johnson County SWCD
Easements Held By:	Johnson County SWCD

Structural Repair Activities Proposed for this Flood Control Dam: <i>(Check all that apply)</i>		Construction Estimate
<input type="checkbox"/>	Lime treatment of dam embankment to repair slope slides	\$
<input type="checkbox"/>	Removal and replacement of dam embankment to repair slope slides	\$
<input type="checkbox"/>	Flattening slope of dam embankment to repair/prevent slope slides	\$
<input type="checkbox"/>	Repair of sinkhole(s) in dam embankment	\$
<input type="checkbox"/>	Repair of cracks in dam embankment	\$
<input type="checkbox"/>	Installation of armored plating to dam embankment to prevent/repair wave erosion	\$
<input type="checkbox"/>	Repair of wave erosion on dam embankment including earth-work and vegetation establishment	\$
<input type="checkbox"/>	Drain system installation or repair	\$
<input type="checkbox"/>	Replacement or stabilization of vertical inlet on principal spillway	\$
<input type="checkbox"/>	Installation of a liner to repair pipe separation or cracking on principal spillway	\$
<input type="checkbox"/>	Replacement of principal spillway pipe due to separation or cracking	\$
<input checked="" type="checkbox"/>	Installation of impact basin or armored plating on plunge pool due to erosion	\$ 50,000
<input type="checkbox"/>	Repair of major auxiliary spillway erosion from storm damage	\$
<input checked="" type="checkbox"/>	Other Describe re-constructing the plunge basin and outlet channel	\$ 50,000

TOTAL ESTIMATED COST FOR CONSTRUCTION

\$ 100,000

Did any of the structural repair activities identified for this flood control dam result from unauthorized modification?

Yes No

If "yes," explain the circumstances:

Should the repair need on this dam be considered an "Essential Project" (See Priority and Ranking Criteria)?

Yes No

If "yes," explain why in the space provided and attach supporting documentation.

The erosion of the plunge basin is threatening the landowner's home. The head cut is less than 50 feet from the home.

Indicate the flood control dam's current hazard classification assigned by the Texas Commission on Environmental Quality:

High Hazard Significant Hazard Low Hazard

Indicate the flood control dam's hazard classification when initially designed and constructed:

High Hazard Significant Hazard Low Hazard

If the dam is "High" or "Significant" hazard, has an Emergency Action Plan (EAP) been completed for this flood control dam and submitted to TCEQ?

Yes No

Has the EAP been approved by TCEQ? (If "yes" attach a copy of the TCEQ approval letter)

Yes No

Has an application been filed with the USDA-Natural Resources Conservation Service to request federal funds to perform a rehabilitation of the flood control dam under the Federal Dam Rehabilitation Program or repair under the Federal Emergency Watershed Protection Program?

Yes No

(If "yes," attach a copy of the application)

Does the water from the flood control dam's impoundment serve as a drinking water supply?

Yes No

If "yes," describe who uses the water and provide an estimate of the number of users:

Is the flood control dam's impounded water currently used for recreational purposes?

Yes No

If "yes," describe the types of recreation and an estimate of the number of users:

Is the flood control dam's impounded water currently used for other purposes?

Yes No

If "yes," describe the other uses:

Livestock and domestic use.

Photographs and Other Documentation of Repair Needs:

Provide at least four color photographs of each area of the flood control dam illustrating where grant funds are requested to conduct a repair. Photographs should be included behind each Technical Form. Any other additional documentation, including other useful reports specific to the flood control dam, should be placed behind all Technical Forms in the application.

TEXAS STATE SOIL AND WATER CONSERVATION BOARD Flood Control Structural Repair Grant Program APPLICATION FOR STRUCTURAL REPAIRS (Dam Repair) Use this application to request financial assistance for conducting structural repairs on flood control dams as defined by Texas Administrative Code, Title 31, Chapter 529, Subchapter B. Do not use this form to request grant funds to provide a portion of the matching funds required for a federal rehabilitation project or federal Emergency Watershed Protection Program project being performed by the USDA-Natural Resources Conservation Service. Funds for matching rehabilitation projects may be requested by submitting Form Number TSSWCB-FC-2; funds for matching Emergency Watershed Protection Program projects may be requested by submitting Form Number TSSWCB-FC-3. ADMINISTRATIVE FORM One Administrative Form must be completed for each application. An individual Technical Form [Form Number TSSWCB-FC-1B] must be completed for each flood control dam for which repair grant funds are requested. The combination of an Administrative Form, all associated Technical Forms, and all other required documentation constitutes a complete application.	FORM NUMBER: TSSWCB-FC-1A Effective Date: January 1, 2023 Submit completed applications to: TSSWCB Attention: Flood Control 1497 Country View Lane Temple, TX 76504 or: claims@tsswcb.texas.gov	For assistance in completing this application, contact: TSSWCB Flood Control Department (254) 773-2250 www.tsswcb.texas.gov/programs/flood-control-program
THIS SPACE FOR TSSWCB USE ONLY		

Soil and Water Conservation District (SWCD) information:

Provide the following information for the Soil and Water Conservation District (SWCD) that is a sponsor of the flood control dam or dams that are specified on Technical Forms submitted with this Administrative Form. To request grant funds for dams where another SWCD is a sponsor, complete another Administrative Form and submit it with the appropriate Technical Forms as a separate application.

SWCD Name:	Johnson County		
SWCD Number:	541	SWCD City:	Cleburne
Chairman First Name:	Barney	SWCD Zip Code:	76033
Chairman Last Name:	McClure	SWCD Phone Number:	817-645-7711 Ext 3
SWCD Address:	1208 W. Henderson St	SWCD Fax Number:	
SWCD Office/Suite Number:	B	SWCD Email Address:	johnsoncounty@swcd.texas.gov

Authorized Representative information:

Provide the following information for the individual that the SWCD and other sponsors have mutually agreed should be the point of contact for all inquiries the Texas State Soil and Water Conservation Board (TSSWCB) may have regarding this application. The authorized representative must be an individual affiliated with one of the sponsors.

First Name:	Paula	Last Name:	Burgess
Organization:	Johnson County SWCD #541		
Address:	1208 W. Henderson St	Zip Code:	76033
Office/Suite Number:	B	Phone Number:	817-733-5066
City:	cleburne	Fax Number:	
State:	texas	Email Address:	paula.burgess@tx.nacdnet.net

Provide the following information for the additional sponsors of flood control dams for which Technical Forms have been submitted (with this Administrative Form). Space for up to four additional sponsors has been provided below. All sponsors of each flood control dam must be listed below.

Non-SWCD Sponsor #1 information:

Entity Name:	johnson County	State:	Texas
Contact Person:	Judge Christopher Boedecker	Zip Code:	76033
Address:	2 North Main Street	Phone Number:	817-556-6305
Office/Suite Number:		Fax Number:	
City:	Cleburne	Email Address:	christopherb@johnsoncountytexas.org

Non-SWCD Sponsor #2 information:

Entity Name:		State:	
Contact Person:		Zip Code:	
Address:		Phone Number:	
Office/Suite Number:		Fax Number:	
City:		Email Address:	

Non-SWCD Sponsor #3 information:

Entity Name:		State:	
Contact Person:		Zip Code:	
Address:		Phone Number:	
Office/Suite Number:		Fax Number:	
City:		Email Address:	

Non-SWCD Sponsor #4 information:

Entity Name:		State:	
Contact Person:		Zip Code:	
Address:		Phone Number:	
Office/Suite Number:		Fax Number:	
City:		Email Address:	

Project Description

Provide a description of the overall project. Include information such as the type of repair(s) needed, the number of flood control dams involved, and the length of time the repair need has been known to the local sponsors. Use this space to narratively provide any additional information the TSSWCB may find useful when considering the importance of this project.

The principal spillway outlet is eroding the plunge basin and the basin is getting larger. The erosion and increase in size is threatening the land owner's home. The plunge basin needs to be re-constructed and lined with rock riprap to prevent erosion and protect the home.

Project Schedule:

Use this space to describe the anticipated length of time, schedule of events, and target completion date for all work to be completed through structural repair grant funds.

Length of time from grant award to project completion is about 6 months.

Contracting Preferences / Organization of Partners:

Use this space to describe the preferable organization of contracting between the TSSWCB and local sponsors. Specify preferences for which local sponsors should enter into contracts with the TSSWCB for activities such as construction, land rights acquisition, or other allowable activities. The TSSWCB has designed this program to allow for significant flexibility for contracting with different types of local sponsors so that the most appropriate and efficient mechanisms are available for grant funds obligation.

The project may be most efficient by contracting all funds to Johnson County SWCD #541.

Grant Funds Requested for Design and Construction:

Use this table to summarize the total construction costs for all repair activities specified on each Technical Form submitted with this Administrative Form. List in order of highest local priority to lowest local priority.

NID ID Number	Watershed Name and Site Number	Construction Cost Estimate
1 TX03609	CHAMBERS CREEK SITE 58	\$ 100,000
2		\$
3		\$
4		\$
5		\$
6		\$
7		\$
8		\$

Total Construction Cost Estimate

\$ 100,000

Anticipated Costs for Purchasing Easements and Land Rights:

Is it anticipated that easements or other land rights will need to be acquired in order to perform the structural repairs identified in this application? Yes No

If "yes," characterize the anticipated type, extent, and cost:

Landowner next to plunge basin and principal spillway outlet will donate any land rights required.

Associate anticipated costs with specific flood control dams if this application addresses more than one dam.

TOTAL ESTIMATED COST OF PURCHASING EASEMENTS AND LAND RIGHTS

\$

Other Costs:

Are any costs other than those related to engineering design, construction, administration, easements, or land rights acquisition anticipated in order to perform the structural repairs identified in this application? Yes No

If "yes," describe the other anticipated costs:

TOTAL ESTIMATED AMOUNT OF OTHER COSTS

\$

ESTIMATED GRAND TOTAL FOR PROJECT:

\$ 100,000

Priority for Funding:

The general priority order for all funding will be as follows:

1. Providing state matching funds for federal Watershed Rehabilitation or Emergency Watershed Protection projects.
2. Projects deemed to be "essential" projects.
3. Dam repair projects ranked and prioritized in a previous funding cycle for which designs have been prepared but construction funds were not available in the previous cycle.
4. High hazard dam repair projects ranked and prioritized in the current funding cycle.
5. High hazard dam upgrade projects ranked and prioritized in a previous funding cycle for which designs have been prepared but construction funds were not available in the previous cycle.
6. Dam upgrade projects ranked and prioritized in the current funding cycle.
7. Low and significant hazard dam repair projects ranked and prioritized in the current funding cycle.

Funding may be provided for design of the highest priority high hazard dam upgrades in the current funding cycle, but these projects may not be ready for construction funding for about 2 years. When ready for construction, "general priority 5" shown above will be followed to fund construction.

If an application is submitted for state funded upgrade of a dam, and before designs are started that dam receives federal funding to begin the federal rehabilitation process, that dam will no longer be eligible for state funded upgrade. However, when the dam receives federal funding for construction, it will be included in "general priority 1" and prioritized with other federally funded projects to receive matching state funds for construction.

Funding is allocated to dams in the priority order shown above. If the next dam in priority order to receive funds has an estimated cost which exceeds available funds, this dam will be skipped over to fund a lower cost dam for which available funds are adequate. This could occur within a single category, or among several categories.

General Information About Application Process:

TSSWCB has established policy to aid in ranking eligible dam rehabilitation, repair, and upgrade projects for grant funding opportunities for sponsors. TSSWCB staff will accept applications up to the posted deadline and will rank all applications based on this guidance. Applications may be scanned and submitted by email or sent by postal mail. All applications must be received by TSSWCB within the specified time frame to be considered for funding. Applications must be legible and complete with all questions answered and data fields filled, with supporting documentation included if required. If a data field does not apply, enter "N/A". Sponsors must not submit applications for more projects than they can complete within the specified funding cycle. If sponsors wish to apply for both repair and upgrade on the same dam, separate repair and upgrade applications must be submitted for that dam.

Each application will be scored and ranked within its category. All scores will be documented, and projects selected for funding based on available funding and best available project cost data. All sponsors will be notified of how all projects ranked and which projects will be funded for the funding cycle.

In the event the applicant disagrees with the TSSWCB ranked score, the applicants' representative may provide a written request justifying a reevaluation of the ranked score and provide any additional supporting information that was not previously provided in the original application submission. TSSWCB will make the determination if a rescoring is warranted. However, protection of life and property (in that order) will be major deciding factors in any deviation from the ranking score system.

For additional details, see "Policy and Procedures Manual" posted on the TSSWCB web page: <https://www.tsswcb.texas.gov/index.php/programs/flood-control-program>

Grant Funds for Administrative Services under 31 TAC 529:

In accordance with Texas Administrative Code, Title 31, Chapter 529, Subchapter B, administrative costs in an amount not to exceed 5% of the total costs for construction, easement and/or land rights acquisition, or other costs approved by the TSSWCB are allowable. Exact administrative fee amounts and the request process will be negotiated between the TSSWCB and selected applicants at the time of contracting.

Application Organization and Attachments:

A complete application for TSSWCB consideration should be assembled in the following manner.

1. ADMINISTRATIVE FORM (Form Number TSSWCB-FC-1A)
2. ALL APPLICABLE TECHNICAL FORMS (Form Number TSSWCB-FC-1B)
 - 2.(a). FOUR COLOR PHOTOGRAPHS OF EACH REPAIR NEED (after each corresponding Technical Form submitted)
3. OPERATION AND MAINTENANCE AGREEMENT(S) (other than NRCS agreements)
4. ANY ADDITIONAL REPORTS OR INFORMATION (if applicable and available)

Submitting an Application:

Submit completed applications with original signatures to:

TSSWCB
Attention: Flood Control
1497 Country View Ln
Temple, TX 76504
or claims@tsswcb.texas.gov

Assistance in Preparing an Application:

Contact TSSWCB Flood Control Programs
(254) 773-2250 (ask for Flood Control Staff)

OR

Send Email to:
sbednarz@tsswcb.texas.gov
anash@tsswcb.texas.gov

(Send email to all persons for quickest response)

Texas Dams Inventory Report

Chambers Creek WS NRCS Site 58

Identification

National ID:	TX03609
Authorization:	FP
River Basin:	Trinity
Dam Designer:	NRCS
Year Completed:	1963
Year Modified:	
Service Life:	50 yrs
Status:	Built
Owner Name:	Johnson County SWCD
Owner Type:	L

Size

Dam Type:	RE
Dam Height:	36 Ft
Dam Length:	1408 Ft
Hydraulic Height:	36 Ft
Structure Height:	40 Ft
Volume of Dam:	84,200 CuYds
Drainage Area:	2.27 SqMi
Surface Area:	29 Acres
Max Storage:	1155 AcFt
Normal Storage:	202 AcFt
Sediment Storage:	202 AcFt
Flood Storage:	528 AcFt
Surcharge Storage:	425 AcFt
Other Storage:	0 AcFt

Location

Lat :	32.3233
Long :	-97.2083
Geodetic_Loc :	
County :	Johnson
Watershed :	Chambers Creek
Stream :	Tr-Middle Fork Chambers Cr
Nearest Town :	None
Distance to Town :	0 Miles

Operation and Maintenance

O&M Sponsor:	Johnson County SWCD
O&M Insp Performed:	JOINT
O&M Insp Current:	Yes
O&M % Completed:	0
O&M Reason for Lack of:	M

Safety

State Regulated?:	Yes
TCEQ_Unsafe:	No
Last Inspection Date:	
Inspection Freq:	5 Yrs
Design Hazard:	Low
Current Hazard:	High
Hazard Class Year:	2008
Population Risk:	
Population Acc:	

Spillways

Max Discharge:	2900 CFS
Principal spillway Discharge:	28 CFS
Principal spillway Type:	CP
Auxiliary spillway 1 Type:	VE
Auxiliary spillway 2 Type:	NO
Auxiliary spillway 3 Type:	NO
Conduit Height or Diameter:	2 Ft
Conduit Width:	NA
Number of Conduits:	1
Cool Water:	N

Dcomment: Updated Awh

Emergency Action Plan

Chambers Watershed

JOHNSON COUNTY

Cleburne, Texas

Floodwater Retarding Structure – Site 58

National Inventory of Dams ID#: TX03609

SPONSORS: Johnson County SWCD, Johnson County Commissioners Court

ISSUE DATE: August 22, 2008

UPDATED: October 27, 2011

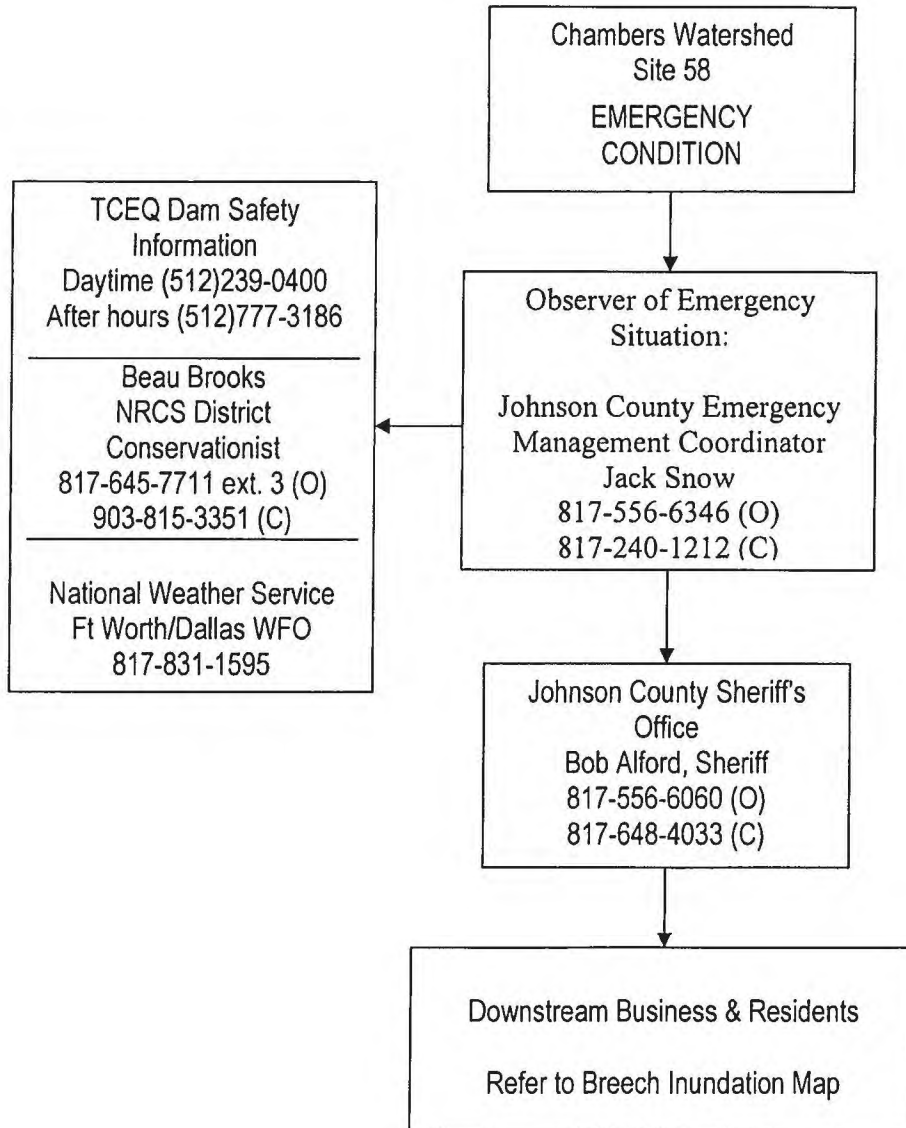
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I. NOTIFICATION FLOWCHART

II.

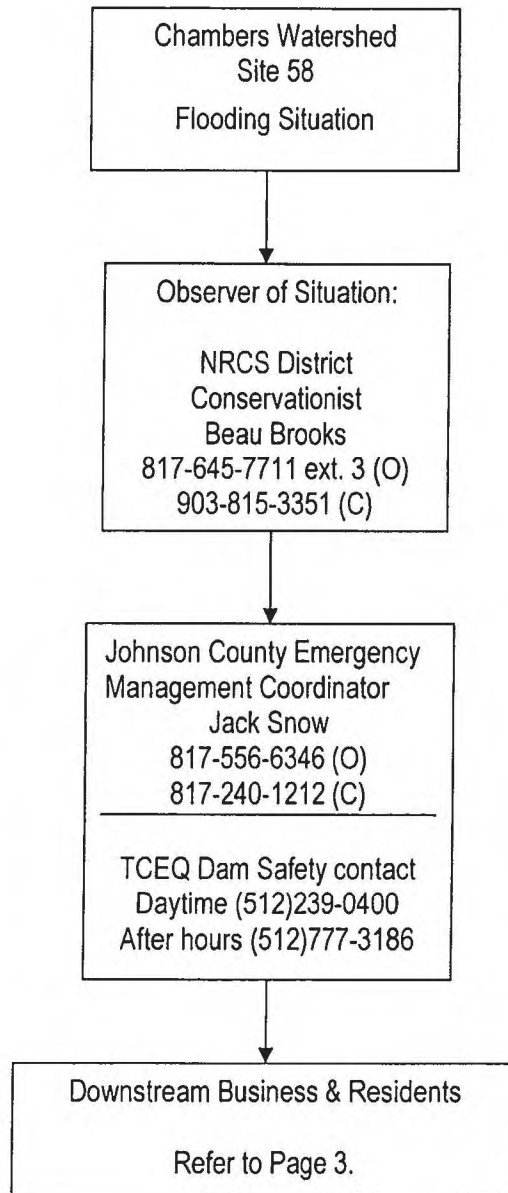
Potential Failure or Imminent Failure (see page 6)



- Priority of Call
- (O) Office Phone
- (H) Home Phone (C) Cell Phone
- See Breach Inundation Map for location of business and residents.
- County Judge, Director, Johnson County Emergency Management Agency, is responsible for ordering any evacuation.

NOTIFICATION FLOWCHART

Non-Failure Concern (see page 6)



- Notify downstream residents of potential flooding. Jack Snow.
- If necessary, implement preventative actions described on pages 8-10 of this plan
- If situation deteriorates, be prepared to implement the Notification Flowchart for potential or imminent failures on page 3.

II. STATEMENT OF PURPOSE

The purpose of this plan is to prescribe procedures to be followed in the event of an emergency associated with Floodwater Retarding Structure 58 which is caused by an unusually large flood or earthquake, a structural malfunction to the gates on the principal spillway, malicious human activity such as sabotage, vandalism or terrorism, or failure of the dam.

This Emergency Action Plan (EAP) defines responsibilities and procedure to:

- Identify unusual and unlikely conditions that may endanger the dam.
- Initiate emergency actions to warn downstream residents of impending or actual failure of the dam.

III. PROJECT DESCRIPTION

Official Dam Name:	Chambers Watershed	NID ID#	TX03609
	Floodwater Retarding Structure No. 58		
Stream:	Rock Tank Creek into South Fork Chambers Creek		
Location:	Lat. 32°19' 10.63" Long. -97°12' 27.04" Johnson Co, Tx		
Sponsor:	Johnson County Soil & Water Conservation District		
Type of Dam:	Compacted Earth fill		
Year Constructed	1963		
Dam height:	36 feet	dam length	1408 ft.
Drainage Area:	1452 Acres	Hazard Classification:	High Hazard
Principal Spillway:	24" Diameter Concrete Pressure Pipe with Impact Basin		
Principal Spillway Capacity	28 cfs		
Auxiliary Spillway Type and Max Capacity:	100' wide vegetated channel, 2900 cfs		
Maximum Storage Volume:	1155 acre-feet		
Elevations (Mean Sea Level)	Principal Spillway Crest	681.0	
	Emergency Spillway Crest	692.0	
	Top of Dam	697.0	

THE FOLLOWING DATA IS ATTACHED AT END

[Add location (vicinity) map that shows the location of the dam with respect to nearest town]

[Add plan view of dam from construction drawings]

[Add aerial photographs]

IV. EMERGENCY DETECTION, EVALUATION AND CLASSIFICATION

Daily surveillance at the site will be the normal method of detecting potential emergency situations. For conditions beyond the normal range of operations contact the TCEQ Dam Safety Program and NRCS for assistance with evaluation of the conditions. Each event or situation will be placed in one of the following classifications:

- **Non-failure Concern** – This classification indicates a situation is developing, however the dam is not in danger of failing, but flooding is expected downstream from the dam. Downstream residents need to be notified if flooding increases and life and property are threatened.
- **Potential Failure**- This classification indicates that a situation is developing that could cause the dam to fail. Residents in affected areas shall be alerted that an unsafe situation is developing. A reasonable amount of time is available for analysis before deciding on evacuation of residents.
- **Imminent Failure**- This classification indicates dam failure is occurring that may result in flooding that will threaten life and property. When the sponsor/land user determines that there is no longer time available to implement corrective measures to prevent failure, an order for evacuation of residents in potential inundating areas shall be issued.

Listed below are some of the events that can lead to the failure of the dam and a brief outline of steps to take to address the situation. See Section VI. "Preparedness" for a summary of actions to be considered for various situations.

FLOODING:

If during a major flood event, the reservoir level rises to elevation 696.0 ft msl which is 1 foot below the top of dam (elevation 697.0), the following actions will be taken:

- Conduct periodic (at least daily) inspections of the dam to check for and record the following:
 - Reservoir elevation;
 - Rate the reservoir is rising;
 - Weather conditions-past, present, predicted;
 - Discharge conditions of creeks and rivers downstream;
 - Downstream toe and abutments for any new seepage or abnormal (muddy flow) toe drain leakage;
 - Increased seepage rate as reservoir level rises;
 - Cracks, slumping, sloughing, sliding, or other distress signals near the dam abutment or crest.
- If the reservoir elevation continues to rise but does not approach the top of dam elevation, implement the **NOTIFICATION FLOWCHART FOR NON-FAILURE CONCERNS**.
- If any of the above condition occurs, implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINENT FAILURE**.

EROSION, SLUMPING/SLOUGHING, OR CRACKING OF THE DAM OR ABUTMENT:

- Determine the location, size of the affected area(s) (heights, width, and depth) severity, estimated seepage discharge, clear or cloudy seepage, and the reservoir and tail water elevations. If the integrity of the dam appears to be threatened, immediately implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINIENT FAILURE.**

NEW SPRINGS, SEEPS, BOGS, SANDBOILS, INCREASED LEAKAGE, OR SINKHOLES:

- If there is a rapid increase in previously existing seep areas, an increase in toe drain flow, or if new springs, seeps, or bogs appear, determine the location, size of the affected areas, estimated discharge, nature of the discharge (clear or cloudy), and reservoir and tail water elevations (a map of the area may be helpful to illustrate where the problem is located).
- If the integrity of the dam appears to be threatened, immediately implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINIENT FAILURE.**

MALICIOUS HUMAN ACTIONS (SABOTAGE, VANDALISM, OR TERRORISM):

- If malicious activity on or around the dam has been identified, immediately make an assessment of the existing conditions and determine the potential of the dam failing.
- If the integrity of the dam appears to be threatened, immediately implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINIENT FAILURE.**

END OF EMERGENCY SITUATION AND FOLLOW-UP ACTIONS:

- Once conditions indicate that there is no longer an emergency at the dam site, Johnson County SWCD will contact the Johnson County Emergency Management Agency which will then terminate the emergency situation.

V. DIRECTORY OF ADDITIONAL PERSONNEL WITH DAM SAFETY EXPERTISE

- In addition to personnel shown elsewhere in this plan, the following list identifies other individual with expertise in dam safety, design and construction who may be consulted about taking specific actions at the dam when there is an emergency situation:

NAME	TELEPHONE	RESPONSIBILITY
Todd Marek, PE	254-742-9916	NRCS Dam Safety Engineer
	512-239-0400	TCEQ Dam Safety Contact

VI. PREPAREDNESS

- Preparedness actions are taken to prevent a dam failure incident or to help reduce the effects of a dam failure and facilitate response to emergencies.
- The following actions describe some of the steps that could be taken at the dam to prevent or delay failure after an emergency is first discovered. *These actions should only be performed or supervised under the direction of the TCEQ Dam Safety Program, or NRCS Dam Safety staff.*

ACTIONS TO BE TAKEN IN THE EVENT OF:

Overtopping by Flood Waters:

- Provide erosion-resistant protection to the downstream slope by placing plastic sheets or other materials over eroding areas.
- Divert floodwaters around the reservoir basin, if possible.

A Slide on the Upstream or Downstream Slope of the Embankment:

- Lower the water level in the reservoir at a rate, and to an elevation, that is considered safe given the slide condition. If the outlet is damaged or blocked, pumping, siphoning, or a controlled breach may be required.
- Stabilize slides on the downstream slope by weighting the toe area below the slide with additional soil, rock, or gravel.

Erosional Seepage or Leakage (Piping) through the Embankment, Foundation, or Abutments:

- a. Plug the flow with whatever material is available (hay bales, bentonite, or plastic sheeting, if the entrance to the leak is in the reservoir).
- b. Lower the water level in the reservoir until the flow decreases to a non-erosive velocity or until it stops.
- c. Place an inverted filter (a protective sand and gravel filter) over the exit area to hold materials in place.
- d. Continue lowering the water level until a safe elevation is reached; continue operating at a reduced level until repairs are made.

A Failure of an Appurtenant Structure such as an Inlet/Outlet of Spillway:

- a. Implement temporary measures to protect the damaged structure, such as closing the inlet or providing temporary protection for a damaged spillway.
- b. Employ experienced, professional divers, if necessary, to assess the problem and possibly implement repair.
- c. Lower the water level in the reservoir to a safe elevation. If the inlet is inoperable, pumping, siphoning, or a controlled breach may be required.

A Mass Movement of the Dam on its Foundations (Spreading or Mass Sliding Failure):

- a. Immediately lower the water level until excessive movement stops.
- b. Continue lowering the water level until a safe level is reached; continue operation at a reduced level until repairs are made.

Auxiliary spillway Erosion Threatening Reservoir Evacuation:

- a. Provide temporary protection at the point of erosion by placing sandbags, riprap materials, or plastic sheets weighted with sandbags.
- b. Consider pumps and siphons to help reduce the water level in the reservoir.
- c. When inflow subsides, lower the water level in the reservoir to a safe level; continue operating at a lower water level in order to minimize spillway flow.

Excessive Settlement of the Embankment:

- a. Lower the water level by releasing it through the outlet or by pumping, or siphoning.
- b. If necessary, restore freeboard, preferably by placing sandbags.
- c. Lower water in the reservoir to a safe level; continue operating at a reduced level until repairs can be made.

Malicious Human Activity (Sabotage, Vandalism, or Terrorism):

- a. If malicious human activity that could endanger public safety is suspected, contact law enforcement to help evaluate the situation.
- b. If the principal spillway has been damaged or plugged, implement temporary measures to protect the damaged structure. Employ experienced, professional divers, if necessary, to assess the problem and possibly implement repair..
- c. If the embankment or auxiliary spillway has been damaged or partially removed, provide temporary protection in the damaged areas by placing sandbags, riprap materials, or plastic sheets weighted with sandbags. Use pumps and siphons to help reduce the water level in the reservoir.

SUPPLIES AND RESOURCES

- In an emergency situation, equipment, supplies and other resources might be needed on short notice, such as sandbags, riprap, fill materials, and heavy equipment. The table below lists resources that may be helpful and indicates contacts to access them.

ITEM	CONTACT	LOCATION
Earthmoving Equipment	Commissioners Court	817-556-6360
Riprap	Commissioners Court	817-556-6360
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Pipe	Commissioners Court	817-556-6360
Laborers	St. Disaster District Committee	817-229-1311
Lighting Equipment	Co. Emergency Management Coordinator	817-556-6346

VII. BREACH INUNDATION MAP

HOUSE NUMBER	RESIDENT'S NAME(S)	DISTANCE DOWNSTREAM—FEET	MAXIMUM WATER DEPTH ABOVE 1 ST FLOOR--FEET

(Attach Inundation Map)

VIII: PLAN MAINTENANCE

- This plan shall be reviewed and updated annually by the sponsors of dam, and local emergency management agency personnel. All signatory parties to this plan should be encouraged to attend to assure all names and contact information is current. Revisions shall be promptly provided to all parties. If no updates are needed, written notification of this shall be provided to TCEQ Dam Safety annually.

IX. TRAINING

- All people involved in the EAP shall be trained to ensure that they are thoroughly familiar with the elements of the plan, availability of equipment, and their responsibilities and duties in the plan. Personnel shall be trained in problem detection and evaluation, and appropriate corrective measure. This training is essential for proper evaluation of developing situations at all levels of responsibility. NRCS will assist with the training if requested.
- A tabletop exercise shall be conducted at least once every 5 years. The tabletop exercise involved a meeting of the sponsors of the dam, and State and local emergency management officials in a conference room environment. The exercise begins with a description of a simulated event and proceeds with discussions by the participants to evaluate the EAP and response procedures, and to resolve concerns regarding coordination and responsibilities. When an exercise is scheduled of performed, TCEQ Dam Safety shall be notified.

X. DISTRIBUTION

- Copies of this Emergency Action Plan have been provided to all individuals or groups who are signatory parties to the plan. Large-scale maps are on file with the local emergency management agency for evacuation purposes. I confirm this.

XI. SAMPLE NOTIFICATION MESSAGES

Note: These notification messages will be coordinated through the *(Owner)*, *(title of dam emergency planner)*, the National Weather Service, the Department of Public Safety Regional liaison office, and the Emergency Management Coordinators for AAA, BBB, and CCC counties before they are disseminated to downstream organizations. Messages developed with the assistance of the National Weather Service may be used instead.

"Watch" Condition Message

This is an emergency message. *(Owner)* has declared a "watch" condition for *(Name)* Dam, Texas ID TXO####. *(Briefly describe the problem or condition.)* There is no immediate danger of the dam failing; however, the potential does exist. We request that you initiate appropriate emergency-management procedures. For verification, call the phone numbers listed on the Notification Flowchart of the Emergency Action Plan for *(Name)* Dam. The Department of Public Safety *(Location)* District Regional Liaison Office has been notified of this condition and may be contacted for information on emergency procedures. *(Owner)* will supply additional information regarding the status of the dam as it becomes available.

"Possible Dam Failure" Warning

This is an emergency message. *(Owner)* has declared a "possible failure" condition for *(Name)* Dam, Texas ID TXO####. *(Briefly describe the problem or condition.)* There is a possibility that the dam could fail. Attempts to save the dam are under way, but their success cannot be determined as yet. Emergency water releases to lower the lake *(are/are not)* being made. We request that you initiate appropriate emergency management procedures and prepare for evacuation of the threatened areas. If *(Name)* Dam does fail, flooding will occur along the *(Stream)*, the *(Stream)*, and the *(Stream)*. For verification, call the phone numbers listed on the Notification Flowchart of the Emergency Action Plan for *(Name)* Dam. The Department of Public Safety *(Location)* District Regional Liaison office and the Emergency Management Coordinators for AAA, BBB, and CCC counties have been notified of this condition and may be contacted for information on emergency procedures. *(Owner)* will supply additional information regarding the status of the dam as it becomes available.

"Imminent Dam Failure" Warning

Urgent! This is an emergency message. *(Owner)* has declared that *(Name)* Dam, Texas ID TXO####, is in imminent danger of failing. Attempts to save the dam will continue, but their success is unlikely. We request that you initiate appropriate emergency management procedures and begin evacuation of threatened areas. It is probable that the dam will fail in hours. If *(Name)* Dam fails, a flood wave will move down the *(Stream)*, up the *(Stream)*, and upstream and downstream on the *(Stream)*. For verification, call the phone numbers listed on the Notification Flowchart of the Emergency Action Plan for *(Name)* Dam. The Department of Public Safety *(Location)* District Regional Liaison Office and Emergency Management Coordinators for AAA, BBB, and CCC counties have been notified of this condition and may be contacted for information on emergency procedures.

"Dam Failure" Message

Emergency! This is an emergency message. *(Owner)* has declared that *(Name)* Dam, Texas ID TXO####, has failed. A flood wave is moving down the *(Stream)*, up the *(Stream)*, and upstream and downstream on the *(Stream)* toward *(City)* and *(City)*. The flood waters have already reached *(Road)*, *(Road)*, and *(Road)* on *(Stream)*. The City of *(Name)* will begin flooding at *(time-give number of hours after PMF breach)*. FM *(###)* on the *(Name)* River will begin flooding at *(time-prior to a PMF breach, give number of minutes after a sunny-day breach)*. The flood wave will go up the *(Stream)* and flood areas along the river. *(Road)* in AAA County will begin flooding at *(time--prior to a PMF breach and three hours after a sunny-day breach)*. SH *(##)* at *(landmark)* will begin flooding at *(time--give number of hours after a PMF breach)*. Evacuate threatened areas immediately. For verification, call the phone numbers listed on the Notification Flowchart of the Emergency Action Plan for *(Name)* Dam. The Department of Public Safety *(Location)* District Regional Liaison office and the Emergency Management Coordinators for AAA, BBB, and CCC counties have been notified of this condition.

XII. SAMPLE NEWS RELEASES

Note: Coordinate with the National Weather Service, the Department of Public Safety (*Location*) District Regional Liaison office, and the emergency management directors for AAA, BBB, and CCC counties prior to release. Messages developed with the assistance of the National Weather Service may be used instead.

Announcement for a Slowly Developing "Watch" Condition

(Owner) has declared a "Watch" condition for *(Name)* Dam as of *(time and date)*. *(Briefly describe the problem or condition.)* There is no immediate danger of the dam failing; however the potential does exist. *(Describe what actions are being taken to monitor and control the situation.)* *(State the quantity of any releases.)*

Announcement for a Possible Dam Failure

(Owner) has declared a possible dam failure at *(Name)* Dam as of *(time and date)*. *(Briefly describe the problem or condition.)* It is possible the dam could fail. Attempts to save the dam are under way, but their success cannot be determined as yet. *(Describe what actions are being taken to monitor and control the situation.)* *(State the quantity of any releases.)* Additional news will be made available as soon as it is received.

Announcement for an Imminent Dam Failure

Urgent! *(Owner)* has announced that *(Name)* Dam is in imminent danger of failing. *(Describe what actions are being taken to monitor and control the situation.)* It is possible that the dam will fail in (##) hours. Residents in low lying areas along the *(Stream)*, the *(Stream)*, and the *(Stream)*, as well as the town of *(Name)*, should prepare for immediate evacuation. Additional news will be made available as soon as it is received.

Announcement of a Dam Failure

Emergency! *(Name)* Dam failed at *(time and date)*. Residents who have not yet done so should immediately evacuate the city of *(Name)* and low-lying areas along the *(Stream)*, the *(Stream)*, and the *(Stream)*. The flood waters have already reached *(Highway)* and *(Road)*. Additional news will be made available as soon as it is received.

XIII. APPROVAL OF THE PLAN

We, the undersigned individuals, as authorized by the laws and regulations of the State of Texas, hereby adopt this Emergency Action Plan and agree to execute it.

Claudia Atlas
Johnson Co. S & W Conservation District

Royce Blomquist
Johnson County Judge

11-14-2011
Date

11/28/11
Date

[Signature]
Johnson Co. Emergency Mgt. Coordinator

[Signature]
Sheriff, Johnson County

11-28-11
Date

11-28-11
Date

XIV. REVIEW AND UPDATE OF THE PLAN

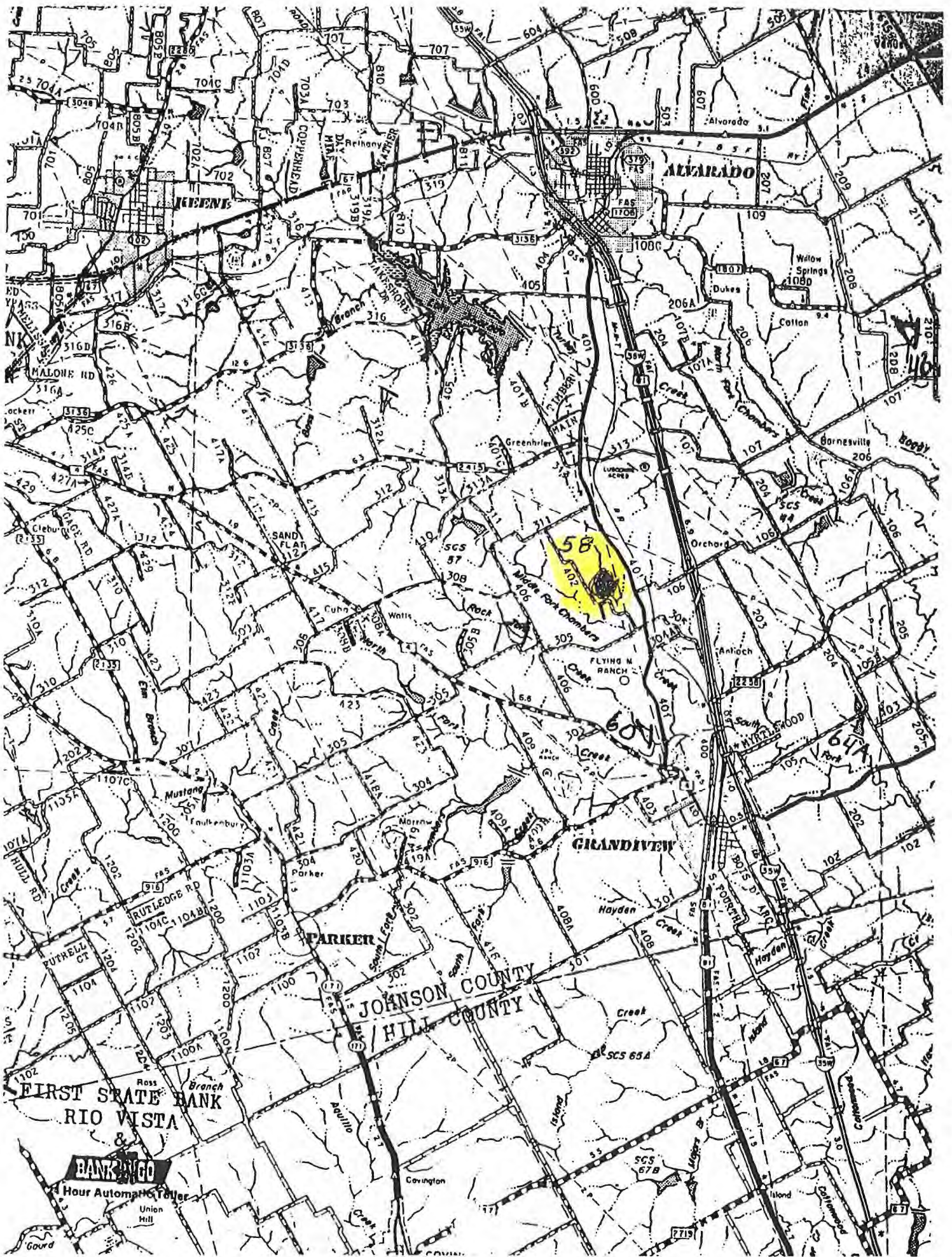
This plan will be reviewed and updated annually and tabletop exercises will be conducted at least once every five years. Document these reviews below:

DATE OF REVIEW: _____ PARTICIPANTS: _____

DATE OF REVIEW: _____ PARTICIPANTS: _____

DATE OF REVIEW: _____ PARTICIPANTS: _____

Date of Tabletop Exercise _____ PARTICIPANTS: _____



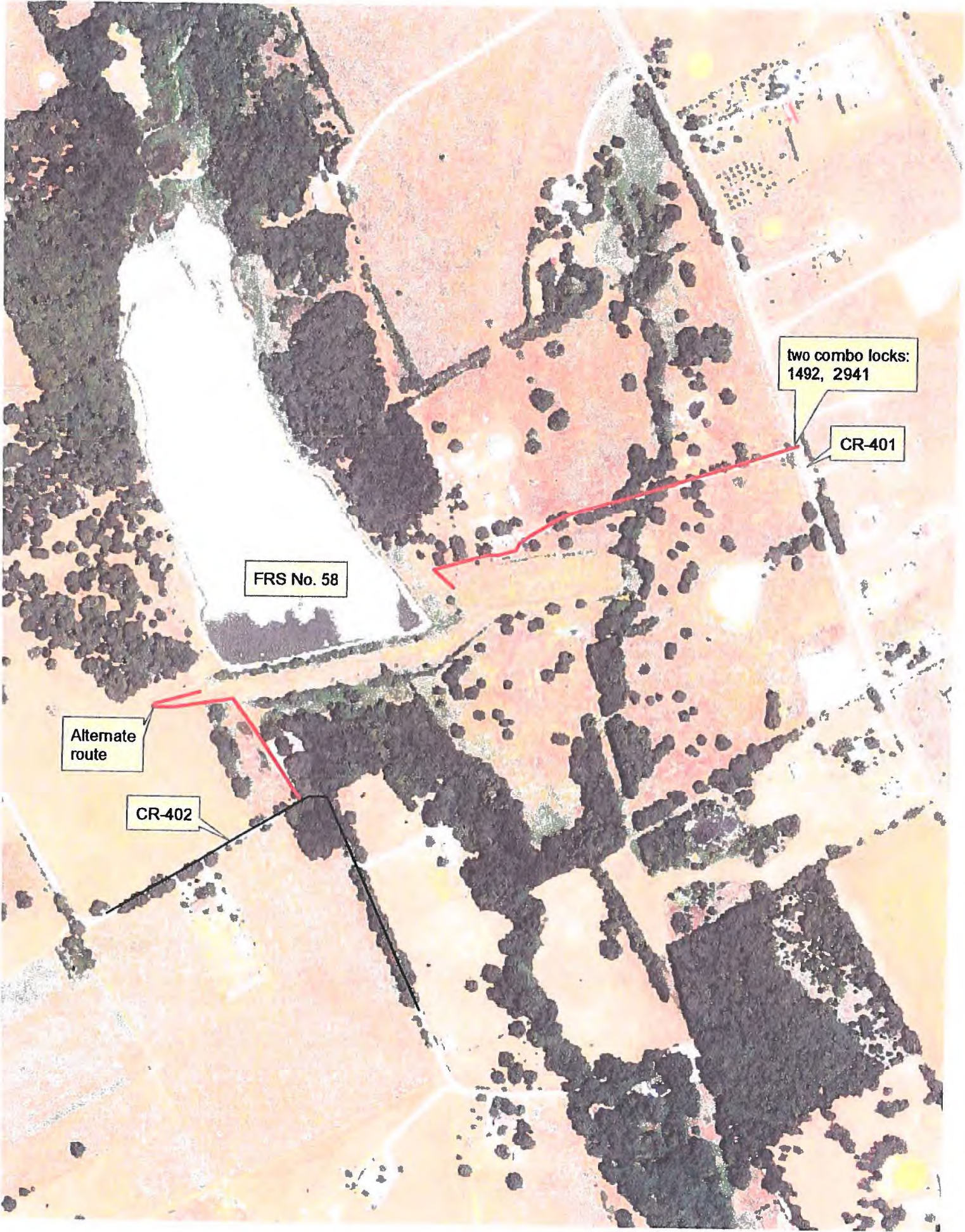
FRS No. 58

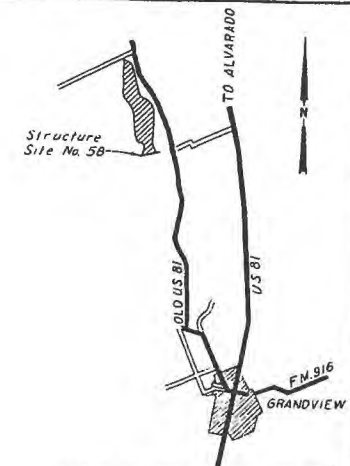
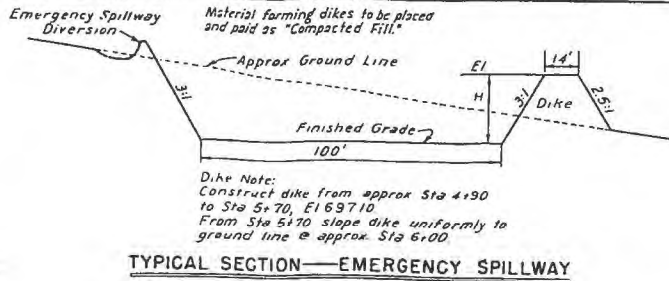
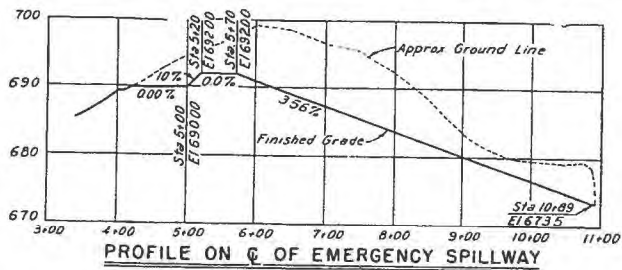
two combo locks:
1492, 2941

CR-401

Alternate
route

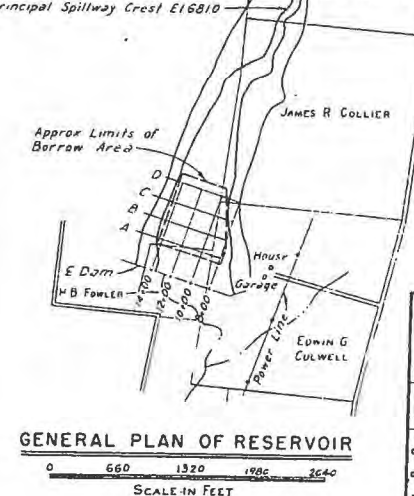
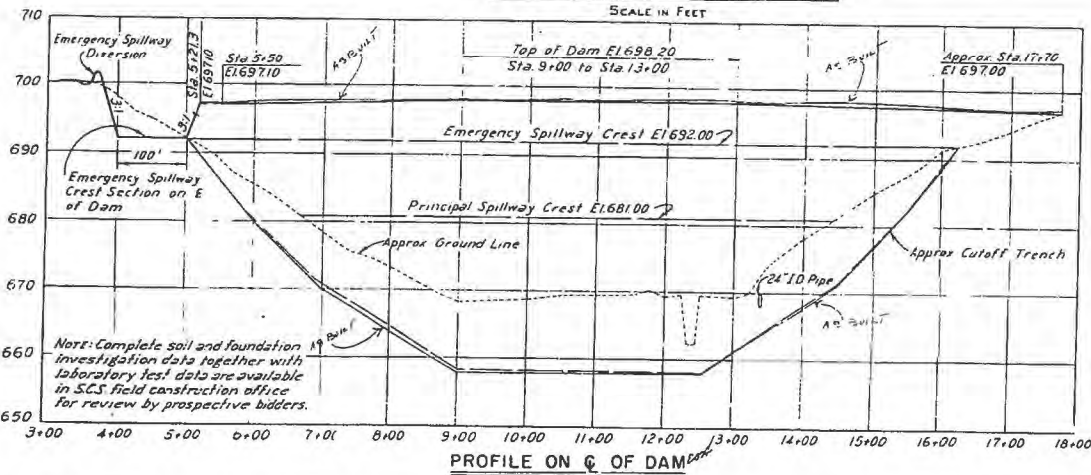
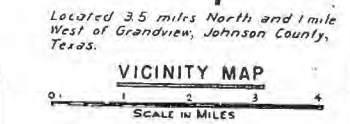
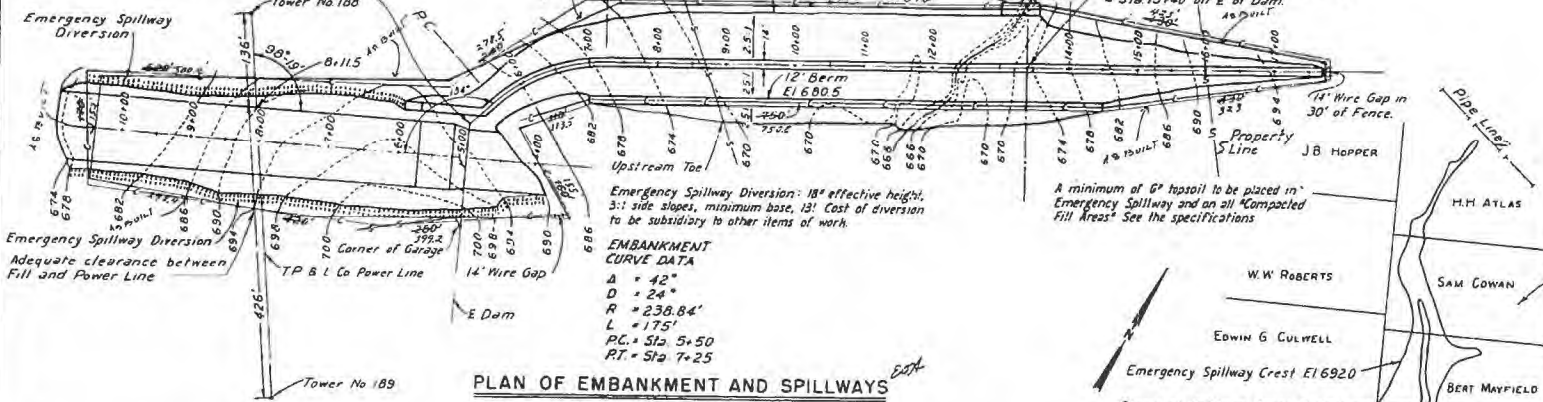
CR-402





Fence Legend
 - c - Fence to be constructed under this contract
 - s - Fence in construction area to be removed and salvaged by contractor

Sta 5+00, 50' RT of E Emergency Spillway @ Sta 5+00 on E of Dam.



No clearing to be done and no fence to be removed on this property.

ELEVATION	SURFACE ACRES	STORAGE ACRE FEET	INCHES
668	1	2	0.02
672	7	18	0.15
676	19	70	0.58
680	25	158	1.31
681.0	29	185	1.53
684	41	290	2.40
688	54.5	481	3.98
692	70	730	6.03
696	92	1054	8.71
700	109	1456	12.03

Top of Dam (Effective) Elev. 697.0
 Emergency Spillway Crest Elev. 692.0
 Principal Spillway Crest Elev. 681.0
 Sediment Pool Elev. 681.0
 Drainage Area, Acres 1452
 Sediment Storage, Acre Feet 202.0
 Floodwater Storage, Acre Feet 528
 Max. Emergency Spillway Cap. cfs 2900

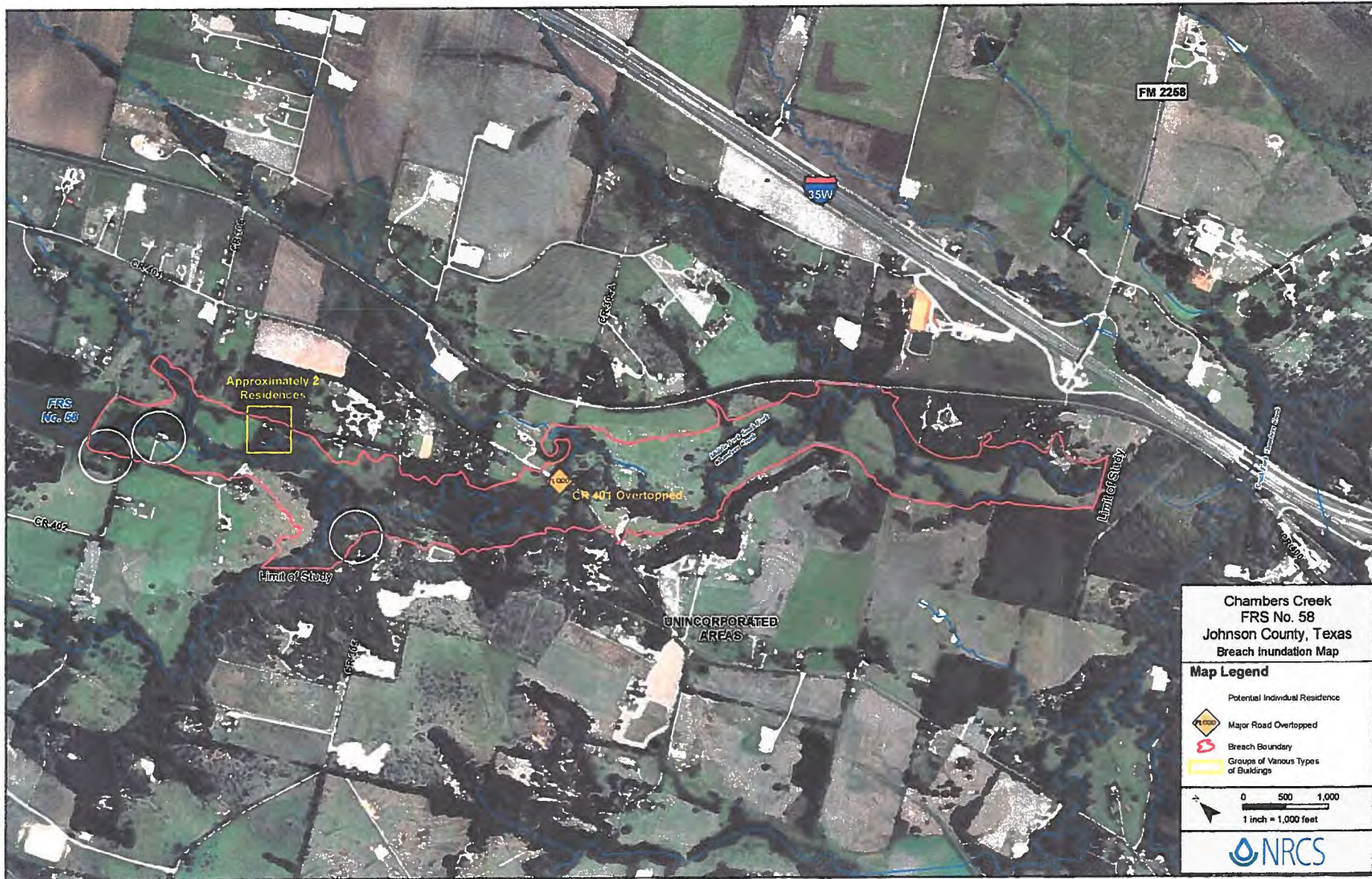
As Built Plans 3/15/63

GENERAL PLAN AND PROFILE FLOODWATER RETARDING STRUCTURE SITE NO. 58 CHAMBERS CREEK WATERSHED OF THE TRINITY RIVER WATERSHED - TEXAS

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

Designed: G.J.M. 3-62
 Drawn: G.J.M. B.J.M.M. 4-62
 Traced: J.W.M. 4-62
 Checked: G.J.M. E.G.I.W.T. 4-62

Date: 3-62
 Approved by: [Signature]
 Also prepared in accordance with [Specification]
 Date: 3-62
 Scale: AS SHOWN
 Drawing No. 4-E-16,572



^{SWCD}
Emergency Action Plan

Chambers Watershed

JOHNSON COUNTY

Cleburne, Texas

Floodwater Retarding Structure – Site 58

National Inventory of Dams ID#: TX03609

SPONSORS: Johnson County SWCD, Johnson County Commissioners Court

ISSUE DATE: August 22, 2008

UPDATED: October 27, 2011

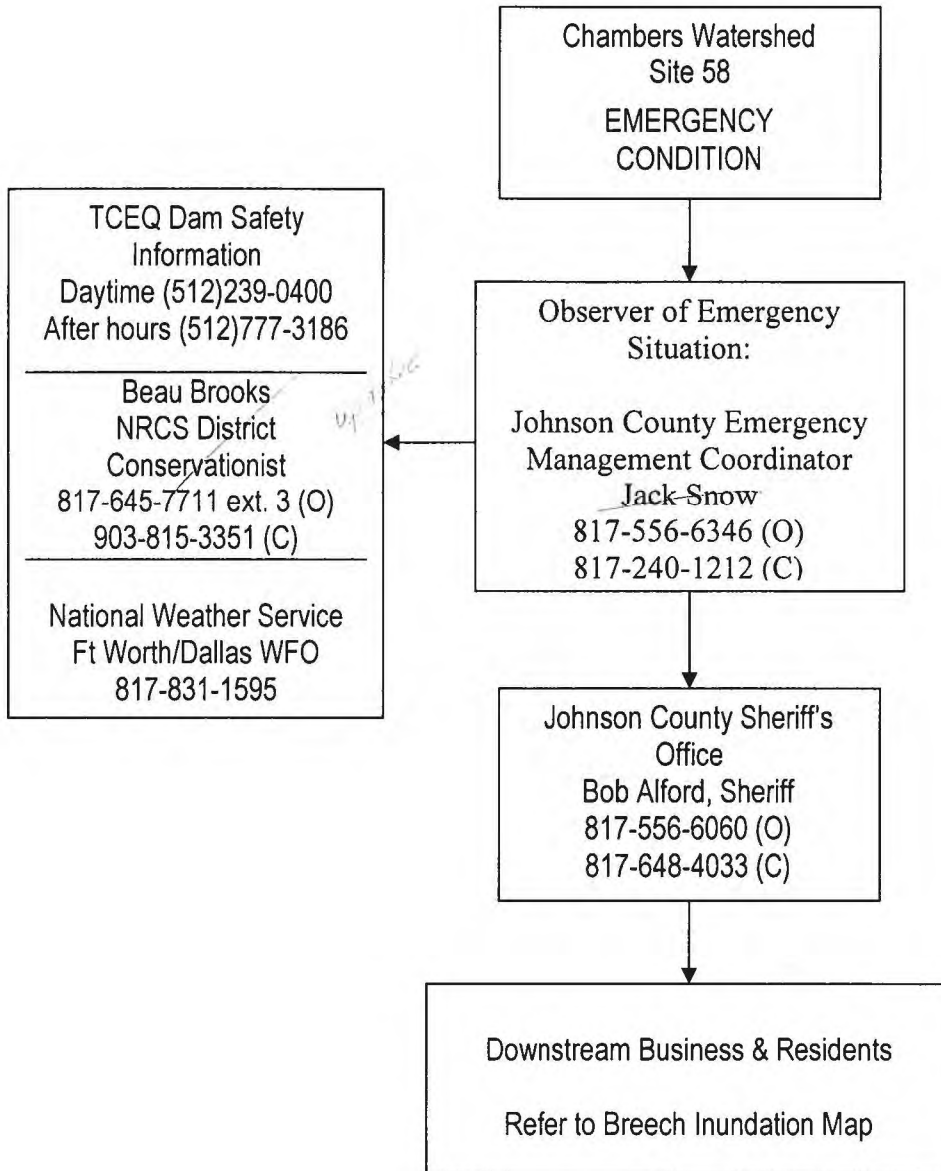
TABLE OF CONTENTS

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I. NOTIFICATION FLOWCHART

II.

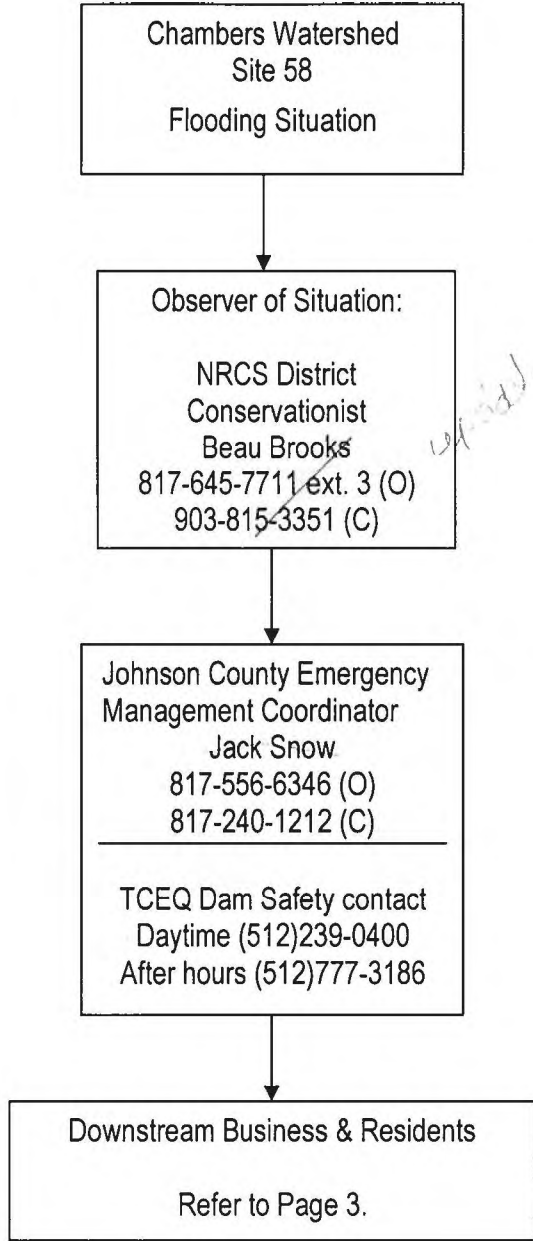
Potential Failure or Imminent Failure (see page 6)



- Priority of Call
- (O) Office Phone
- (H) Home Phone (C) Cell Phone
- See Breach Inundation Map for location of business and residents.
- County Judge, Director, Johnson County Emergency Management Agency, is responsible for ordering any evacuation.

NOTIFICATION FLOWCHART

Non-Failure Concern (see page 6)



- Notify downstream residents of potential flooding. Jack Snow.
- If necessary, implement preventative actions described on pages 8-10 of this plan
- If situation deteriorates, be prepared to implement the Notification Flowchart for potential or imminent failures on page 3.

II. STATEMENT OF PURPOSE

The purpose of this plan is to prescribe procedures to be followed in the event of an emergency associated with Floodwater Retarding Structure 58 which is caused by an unusually large flood or earthquake, a structural malfunction to the gates on the principal spillway, malicious human activity such as sabotage, vandalism or terrorism, or failure of the dam.

This Emergency Action Plan (EAP) defines responsibilities and procedure to:

- Identify unusual and unlikely conditions that may endanger the dam.
- Initiate emergency actions to warn downstream residents of impending or actual failure of the dam.

III. PROJECT DESCRIPTION

Official Dam Name:	Chambers Watershed	NID ID#	TX03609
	Floodwater Retarding Structure No. 58		
Stream:	Rock Tank Creek into South Fork Chambers Creek		
Location:	Lat. 32°19' 10.63" Long. -97°12' 27.04" Johnson Co, Tx		
Sponsor:	Johnson County Soil & Water Conservation District		
Type of Dam:	Compacted Earth fill		
Year Constructed	1963		
Dam height:	36 feet	dam length	1408 ft.
Drainage Area:	1452 Acres	Hazard Classification:	High Hazard
Principal Spillway:	24" Diameter Concrete Pressure Pipe with Impact Basin		
Principal Spillway Capacity	28 cfs		
Auxiliary Spillway Type and Max Capacity:	100' wide vegetated channel, 2900 cfs		
Maximum Storage Volume:	1155 acre-feet		
Elevations (Mean Sea Level)	Principal Spillway Crest	681.0	
	Emergency Spillway Crest	692.0	
	Top of Dam	697.0	

THE FOLLOWING DATA IS ATTACHED AT END

[Add location (vicinity) map that shows the location of the dam with respect to nearest town]

[Add plan view of dam from construction drawings]

[Add aerial photographs]

IV. EMERGENCY DETECTION, EVALUATION AND CLASSIFICATION

Daily surveillance at the site will be the normal method of detecting potential emergency situations. For conditions beyond the normal range of operations contact the TCEQ Dam Safety Program and NRCS for assistance with evaluation of the conditions. Each event or situation will be placed in one of the following classifications:

- **Non-failure Concern** – This classification indicates a situation is developing, however the dam is not in danger of failing, but flooding is expected downstream from the dam. Downstream residents need to be notified if flooding increases and life and property are threatened.
- **Potential Failure-** This classification indicates that a situation is developing that could cause the dam to fail. Residents in affected areas shall be alerted that an unsafe situation is developing. A reasonable amount of time is available for analysis before deciding on evacuation of residents.
- **Imminent Failure-** This classification indicates dam failure is occurring that may result in flooding that will threaten life and property. When the sponsor/land user determines that there is no longer time available to implement corrective measures to prevent failure, an order for evacuation of residents in potential inundating areas shall be issued.

Listed below are some of the events that can lead to the failure of the dam and a brief outline of steps to take to address the situation. See Section VI. "Preparedness" for a summary of actions to be considered for various situations.

FLOODING:

If during a major flood event, the reservoir level rises to elevation 696.0 ft msl which is 1 foot below the top of dam (elevation 697.0), the following actions will be taken:

- Conduct periodic (at least daily) inspections of the dam to check for and record the following:
 - Reservoir elevation;
 - Rate the reservoir is rising;
 - Weather conditions-past, present, predicted;
 - Discharge conditions of creeks and rivers downstream;
 - Downstream toe and abutments for any new seepage or abnormal (muddy flow) toe drain leakage;
 - Increased seepage rate as reservoir level rises;
 - Cracks, slumping, sloughing, sliding, or other distress signals near the dam abutment or crest.
- If the reservoir elevation continues to rise but does not approach the top of dam elevation, implement the **NOTIFICATION FLOWCHART FOR NON-FAILURE CONCERNS.**
- If any of the above condition occurs, implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINENT FAILURE.**

EROSION, SLUMPING/SLOUGHING, OR CRACKING OF THE DAM OR ABUTMENT:

- Determine the location, size of the affected area(s) (heights, width, and depth) severity, estimated seepage discharge, clear or cloudy seepage, and the reservoir and tail water elevations. If the integrity of the dam appears to be threatened, immediately implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINIENT FAILURE.**

NEW SPRINGS, SEEPS, BOGS, SANDBOILS, INCREASED LEAKAGE, OR SINKHOLES:

- If there is a rapid increase in previously existing seep areas, an increase in toe drain flow, or if new springs, seeps, or bogs appear, determine the location, size of the affected areas, estimated discharge, nature of the discharge (clear or cloudy), and reservoir and tail water elevations (a map of the area may be helpful to illustrate where the problem is located).
- If the integrity of the dam appears to be threatened, immediately implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINIENT FAILURE.**

MALICIOUS HUMAN ACTIONS (SABOTAGE, VANDALISM, OR TERRORISM):

- If malicious activity on or around the dam has been identified, immediately make an assessment of the existing conditions and determine the potential of the dam failing.
- If the integrity of the dam appears to be threatened, immediately implement the **NOTIFICATION FLOWCHART FOR POTENTIAL OR IMMINIENT FAILURE.**

END OF EMERGENCY SITUATION AND FOLLOW-UP ACTIONS:

- Once conditions indicate that there is no longer an emergency at the dam site, Johnson County SWCD will contact the Johnson County Emergency Management Agency which will then terminate the emergency situation.

V. DIRECTORY OF ADDITIONAL PERSONNEL WITH DAM SAFETY EXPERTISE

- In addition to personnel shown elsewhere in this plan, the following list identifies other individual with expertise in dam safety, design and construction who may be consulted about taking specific actions at the dam when there is an emergency situation:

NAME	TELEPHONE	RESPONSIBILITY
Todd Marek, PE	254-742-9916	NRCS Dam Safety Engineer
	512-239-0400	TCEQ Dam Safety Contact

VI. PREPAREDNESS

- Preparedness actions are taken to prevent a dam failure incident or to help reduce the effects of a dam failure and facilitate response to emergencies.
- The following actions describe some of the steps that could be taken at the dam to prevent or delay failure after an emergency is first discovered. ***These actions should only be performed or supervised under the direction of the TCEQ Dam Safety Program, or NRCS Dam Safety staff.***

ACTIONS TO BE TAKEN IN THE EVENT OF:

Overtopping by Flood Waters:

- Provide erosion-resistant protection to the downstream slope by placing plastic sheets or other materials over eroding areas.
- Divert floodwaters around the reservoir basin, if possible.

A Slide on the Upstream or Downstream Slope of the Embankment:

- Lower the water level in the reservoir at a rate, and to an elevation, that is considered safe given the slide condition. If the outlet is damaged or blocked, pumping, siphoning, or a controlled breach may be required.
- Stabilize slides on the downstream slope by weighting the toe area below the slide with additional soil, rock, or gravel.

Erosional Seepage or Leakage (Piping) through the Embankment, Foundation, or Abutments:

- a. Plug the flow with whatever material is available (hay bales, bentonite, or plastic sheeting, if the entrance to the leak is in the reservoir).
- b. Lower the water level in the reservoir until the flow decreases to a non-erosive velocity or until it stops.
- c. Place an inverted filter (a protective sand and gravel filter) over the exit area to hold materials in place.
- d. Continue lowering the water level until a safe elevation is reached; continue operating at a reduced level until repairs are made.

A Failure of an Appurtenant Structure such as an Inlet/Outlet of Spillway:

- a. Implement temporary measures to protect the damaged structure, such as closing the inlet or providing temporary protection for a damaged spillway.
- b. Employ experienced, professional divers, if necessary, to assess the problem and possibly implement repair.
- c. Lower the water level in the reservoir to a safe elevation. If the inlet is inoperable, pumping, siphoning, or a controlled breach may be required.

A Mass Movement of the Dam on its Foundations (Spreading or Mass Sliding Failure):

- a. Immediately lower the water level until excessive movement stops.
- b. Continue lowering the water level until a safe level is reached; continue operation at a reduced level until repairs are made.

Auxiliary spillway Erosion Threatening Reservoir Evacuation:

- a. Provide temporary protection at the point of erosion by placing sandbags, riprap materials, or plastic sheets weighted with sandbags.
- b. Consider pumps and siphons to help reduce the water level in the reservoir.
- c. When inflow subsides, lower the water level in the reservoir to a safe level; continue operating at a lower water level in order to minimize spillway flow.

Excessive Settlement of the Embankment:

- a. Lower the water level by releasing it through the outlet or by pumping, or siphoning.
- b. If necessary, restore freeboard, preferably by placing sandbags.
- c. Lower water in the reservoir to a safe level; continue operating at a reduced level until repairs can be made.

Malicious Human Activity (Sabotage, Vandalism, or Terrorism):

- a. If malicious human activity that could endanger public safety is suspected, contact law enforcement to help evaluate the situation.
- b. If the principal spillway has been damaged or plugged, implement temporary measures to protect the damaged structure. Employ experienced, professional divers, if necessary, to assess the problem and possibly implement repair..
- c. If the embankment or auxiliary spillway has been damaged or partially removed, provide temporary protection in the damaged areas by placing sandbags, riprap materials, or plastic sheets weighted with sandbags. Use pumps and siphons to help reduce the water level in the reservoir.

SUPPLIES AND RESOURCES

- In an emergency situation, equipment, supplies and other resources might be needed on short notice, such as sandbags, riprap, fill materials, and heavy equipment. The table below lists resources that may be helpful and indicates contacts to access them.

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HOUSE NUMBER	RESIDENT'S NAME(S)	DISTANCE DOWNSTREAM—FEET	MAXIMUM WATER DEPTH ABOVE 1 ST FLOOR--FEET

(Attach Inundation Map)

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- This plan shall be reviewed and updated annually by the sponsors of dam, and local emergency management agency personnel. All signatory parties to this plan should be encouraged to attend to assure all names and contact information is current. Revisions shall be promptly provided to all parties. If no updates are needed, written notification of this shall be provided to TCEQ Dam Safety annually.

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This is an emergency message. *(Owner)* has declared a "possible failure" condition for *(Name)* Dam, Texas ID TXO####. *(Briefly describe the problem or condition.)* There is a possibility that the dam could fail. Attempts to save the dam are under way, but their success cannot be determined as yet. Emergency water releases to lower the lake *(are/are not)* being made. We request that you initiate appropriate emergency management procedures and prepare for evacuation of the threatened areas. If *(Name)* Dam does fail, flooding will occur along the *(Stream)*, the *(Stream)*, and the *(Stream)*. For verification, call the phone numbers listed on the Notification Flowchart of the Emergency Action Plan for *(Name)* Dam. The Department of Public Safety *(Location)* District Regional Liaison office and the Emergency Management Coordinators for AAA, BBB, and CCC counties have been notified of this condition and may be contacted for information on emergency procedures. *(Owner)* will supply additional information regarding the status of the dam as it becomes available.

"Imminent Dam Failure" Warning

Urgent! This is an emergency message. *(Owner)* has declared that *(Name)* Dam, Texas ID TXO####, is in imminent danger of failing. Attempts to save the dam will continue, but their success is unlikely. We request that you initiate appropriate emergency management procedures and begin evacuation of threatened areas. It is probable that the dam will fail in hours. If *(Name)* Dam fails, a flood wave will move down the *(Stream)*, up the *(Stream)*, and upstream and downstream on the *(Stream)*. For verification, call the phone numbers listed on the Notification Flowchart of the Emergency Action Plan for *(Name)* Dam. The Department of Public Safety *(Location)* District Regional Liaison Office and Emergency Management Coordinators for AAA, BBB, and CCC counties have been notified of this condition and may be contacted for information on emergency procedures.

"Dam Failure" Message

Emergency! This is an emergency message. *(Owner)* has declared that *(Name)* Dam, Texas ID TXO####, has failed. A flood wave is moving down the *(Stream)*, up the *(Stream)*, and upstream and downstream on the *(Stream)* toward *(City)* and *(City)*. The flood waters have already reached *(Road)*, *(Road)*, and *(Road)* on *(Stream)*. The City of *(Name)* will begin flooding at *(time-give number of hours after PMF breach)*. FM *(###)* on the *(Name)* River will begin flooding at *(time-prior to a PMF breach, give number of minutes after a sunny-day breach)*. The flood wave will go up the *(Stream)* and flood areas along the river. *(Road)* in AAA County will begin flooding at *(time--prior to a PMF breach and three hours after a sunny-day breach)*. SH *(##)* at *(landmark)* will begin flooding at *(time--give number of hours after a PMF breach)*. Evacuate threatened areas immediately. For verification, call the phone numbers listed on the Notification Flowchart of the Emergency Action Plan for *(Name)* Dam. The Department of Public Safety *(Location)* District Regional Liaison office and the Emergency Management Coordinators for AAA, BBB, and CCC counties have been notified of this condition.

XII. SAMPLE NEWS RELEASES

Note: Coordinate with the National Weather Service, the Department of Public Safety (*Location*) District Regional Liaison office, and the emergency management directors for *AAA*, *BBB*, and *CCC* counties prior to release. Messages developed with the assistance of the National Weather Service may be used instead.

Announcement for a Slowly Developing "Watch" Condition

(Owner) has declared a "Watch" condition for *(Name)* Dam as of *(time and date)*. *(Briefly describe the problem or condition.)* There is no immediate danger of the dam failing; however the potential does exist. *(Describe what actions are being taken to monitor and control the situation.) (State the quantity of any releases.)*

Announcement for a Possible Dam Failure

(Owner) has declared a possible dam failure at *(Name)* Dam as of *(time and date)*. *(Briefly describe the problem or condition.)* It is possible the dam could fail. Attempts to save the dam are under way, but their success cannot be determined as yet. *(Describe what actions are being taken to monitor and control the situation.) (State the quantity of any releases.)* Additional news will be made available as soon as it is received.

Announcement for an Imminent Dam Failure

Urgent! *(Owner)* has announced that *(Name)* Dam is in imminent danger of failing. *(Describe what actions are being taken to monitor and control the situation.)* It is possible that the dam will fail in (##) hours. Residents in low lying areas along the *(Stream)*, the *(Stream)*, and the *(Stream)*, as well as the town of *(Name)*, should prepare for immediate evacuation. Additional news will be made available as soon as it is received.

Announcement of a Dam Failure

Emergency! *(Name)* Dam failed at *(time and date)*. Residents who have not yet done so should immediately evacuate the city of *(Name)* and low-lying areas along the *(Stream)*, the *(Stream)*, and the *(Stream)*. The flood waters have already reached *(Highway)* and *(Road)*. Additional news will be made available as soon as it is received.

XIII. APPROVAL OF THE PLAN

We, the undersigned individuals, as authorized by the laws and regulations of the State of Texas, hereby adopt this Emergency Action Plan and agree to execute it.

Claudia Atlas

Johnson Co. S & W Conservation District

11-14-2011

Date

Randy Leonard

Johnson County Judge

11/28/11

Date

[Signature]

Johnson Co. Emergency Mgt. Coordinator

11-28-11

Date

[Signature]

Sheriff, Johnson County

11-28-11

Date

XIV. REVIEW AND UPDATE OF THE PLAN

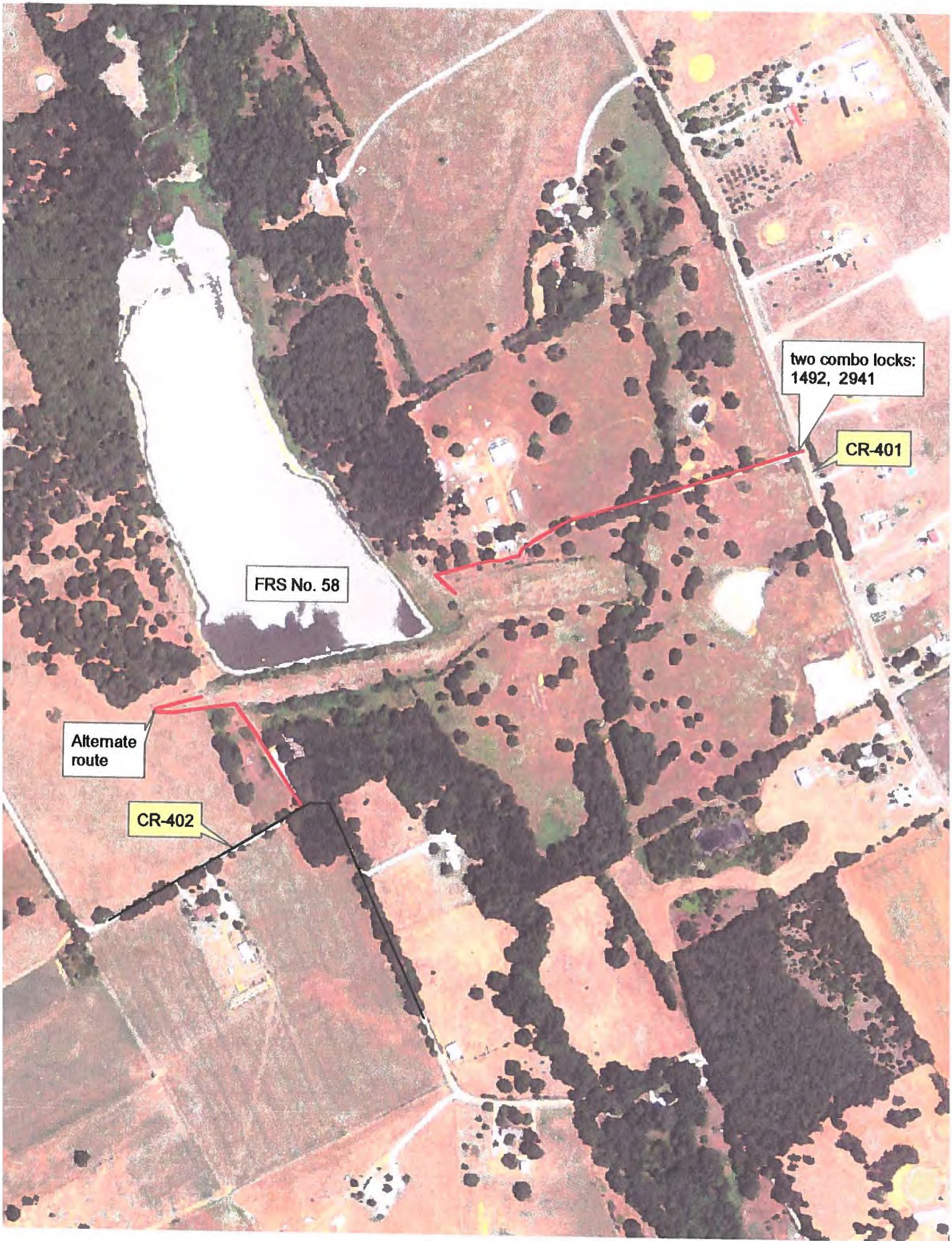
This plan will be reviewed and updated annually and tabletop exercises will be conducted at least once every five years. Document these reviews below:

DATE OF REVIEW: _____ PARTICIPANTS: _____

DATE OF REVIEW: _____ PARTICIPANTS: _____

DATE OF REVIEW: _____ PARTICIPANTS: _____

Date of Tabletop Exercise _____ PARTICIPANTS: _____



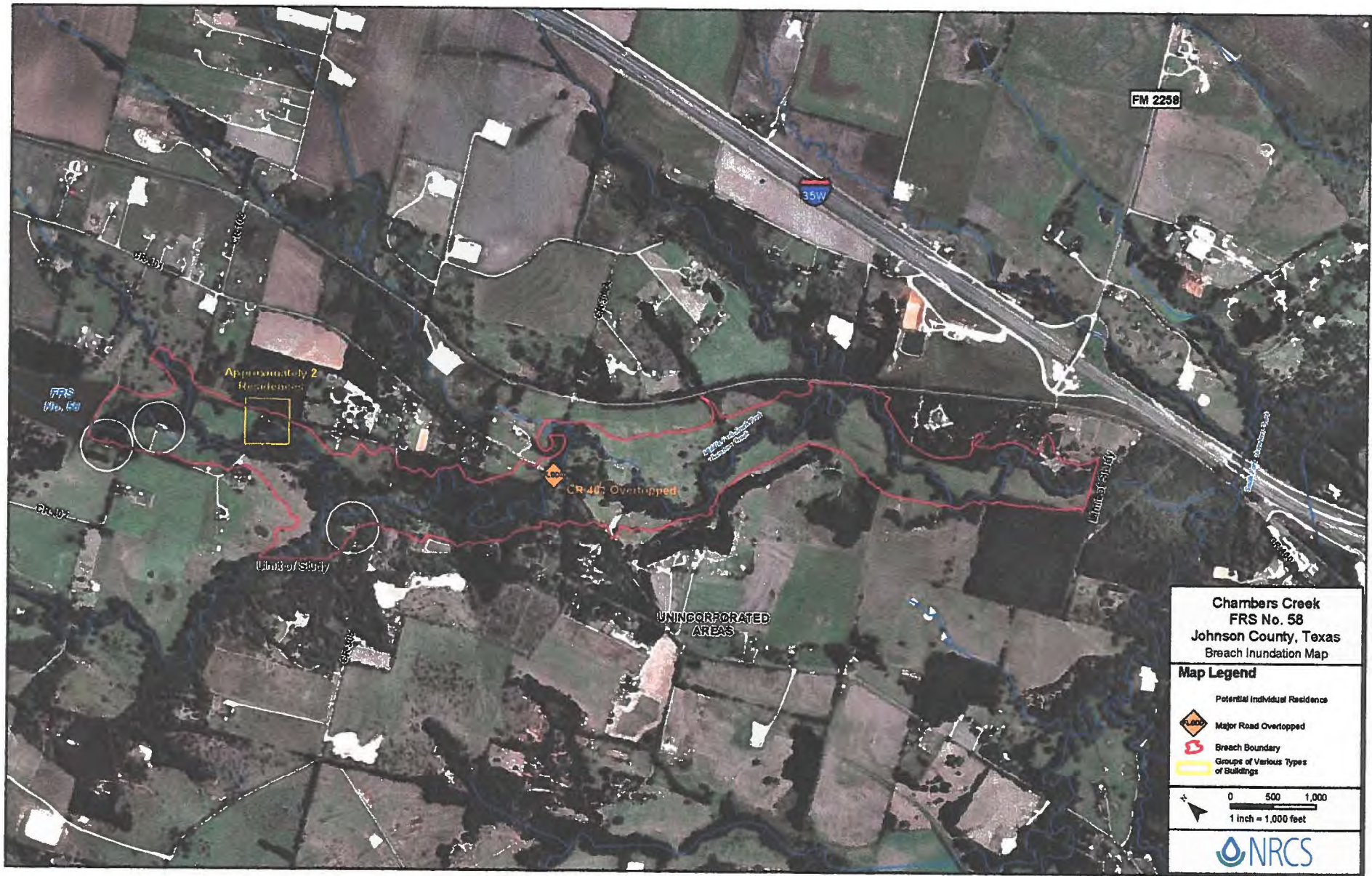
FRS No. 58

two combo locks:
1492, 2941

CR-401

Alternate
route

CR-402



From: Paula Reid
Sent: Tuesday, August 20, 2024 1:34 PM
To: CCAgenda
Cc: Rick Bailey; Kenny Howell; Mike White; Larry Woolley; Bill Moore; Christopher Boedeker; Jim Simpson; Lance Anderson; Steven Watson
Subject: FW: FP site 58 Graefe packet for CC August 26 2024
Attachments: FP SITE 58 CHAMBERS CREEK WATERSHED APPLICATION (003).pdf; FPSite 58 DAM INVENTORY REPORT 2011 (002).pdf; FPSite 58 EAP 2008 (002).pdf; A-Agenda-Placement-Form-09-11-2023.pdf

This will be on the August 26, 2024 Agenda.

*Thank you,
Paula Reid*

From: Burgess, Paula - FPAC-NRCS, TX <Paula.Burgess@tx.nacdnet.net>
Sent: Tuesday, August 20, 2024 10:29 AM
To: Paula Reid <paular@johnsoncountytexas.org>
Subject: FP site 58 Graefe packet for CC August 26 2024

**CAUTION: This email originated from outside of the Johnson County email system.
Use care when opening links or attachments. Report suspicious emails.**

Honorable Judge Christopher Boedecker and Johnson County Commissioners,
Johnson County Soil and Water Conservation District is seeking sponsor signatures in order to make application for a Rehab of the plunge basin on Chambers Creek FP Site 58. Funds are available from the Texas State Soil and Water Conservation Board starting September 1st, 2024

The site location is 6165 CR 402, Grandview Texas 76050.

Thank you for your help.

Any questions, please call Barney McClure cell 817-933-2009.

Best regards,

Paula Burgess
Johnson County SWCD # 541
1208 W, Henderson Street #B
Cleburne, TX 76033
817-645-7711 Ext 3
817-733-5066 (Cell)



