

## Drainage District:

#14

## Investigation/Repair Summary:

- Tenant in the E½ of Section 34, Township 88 North, Range 22 West reported 3 tile blowouts/sinkholes in or near the waterway.
- Visual observation found all 3 sinkholes/blowouts with cracked/collapsed VCP main tile in the bottom of each.

## Contractor Time and Materials (spent while CGA was on-site):

None recorded as only visual observation was done.

## Additional Actions Recommended:

Including this work order, there have been 7 sinkholes/blowouts reported on this tile in the last 3 years and one of those included monitoring of a failing road crossing instead of actual replacement. Per the recommended actions for Work Order 170, an investigation into the need of a large scale replacement (including CCTV inspection) is probably justified at this point time. If said CCTV inspection is authorized before the above mentioned 3 sinkholes are repaired, they could be used as access points to perform CCTV from.





# Drainage Work Order Request For Repair

## Hardin County

**Date:** 3/31/2020

**Work Order #:** WO00000290

**Drainage District:** DDs\DD 14 (51027)

**Sec-Twp-Rge:** 34-88-22      **Qtr Sec:** SW NE & NW SE

**Location/GIS:** 88-22-34-200-004

**Requested By:** David Sweeney

**Contact Phone:** (641) 373-4340

**Contact Email:** \_\_\_\_\_

**Landowner (if different):** Cynthia loger

**Description:**

DD 14- 2 blowouts in waterway, 5' blowout N of drive is 4' deep w broken VCP tile in base, 3' blowout S of drive lane is 3' deep w broken VCP tile in base. Contractor should enter through the farmstead & drive down the lane to back of property.

**Repair labor, materials and equipment:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Repaired By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Please reference work order # and send statement for services to:**

Hardin County Auditor's Office  
Attn: Drainage Clerk  
1215 Edgington Ave, Suite 1  
Eldora, IA 50627  
Phone (641) 939-8111  
Fax (641) 939-8245

For Office Use Only

**Approved:** \_\_\_\_\_ **Date:** \_\_\_\_\_



# Drainage Work Order Request For Repair

## Hardin County

Date 3/31/2020

Work Order # \_\_\_\_\_

District # #14

Lateral Main Tile

Fund # \_\_\_\_\_

Township \_\_\_\_\_

Section 34 Twp 88

Rge 22 Qtr Sec SW NE & NW SE

Repair Requested By David Sweeney

Address 21547 Hwy S27, Alden, IA 50006 (also the repair location) Phone 641-373-4340

Landowner Cynthia loerger

Address 19672 Hwy D15, Iowa Falls, IA 50126 Phone 641-640-2191

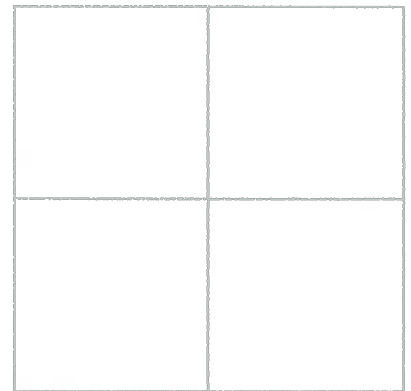
Request Taken By \_\_\_\_\_

Available for Repair Now?  Yes

Date Available \_\_\_\_\_

Problem Description **Two blowouts in waterway:  
Blowout north of drive lane is 5 feet in diameter and 4 feet deep with broken VCP tile in the base.  
Blowout south of drive lane is 3 feet in diameter and 3 feet deep with broken VCP tile in the base.**

**Contractor should enter through the farmstead and drive down the lane to the back of the property.**



Repair labor, materials and equipment \_\_\_\_\_

Potential Wetlands?  Yes-Repair existing tile only

No-Repair and maintain tile

Repaired By: \_\_\_\_\_

Date: \_\_\_\_\_

Please send statement for services to:

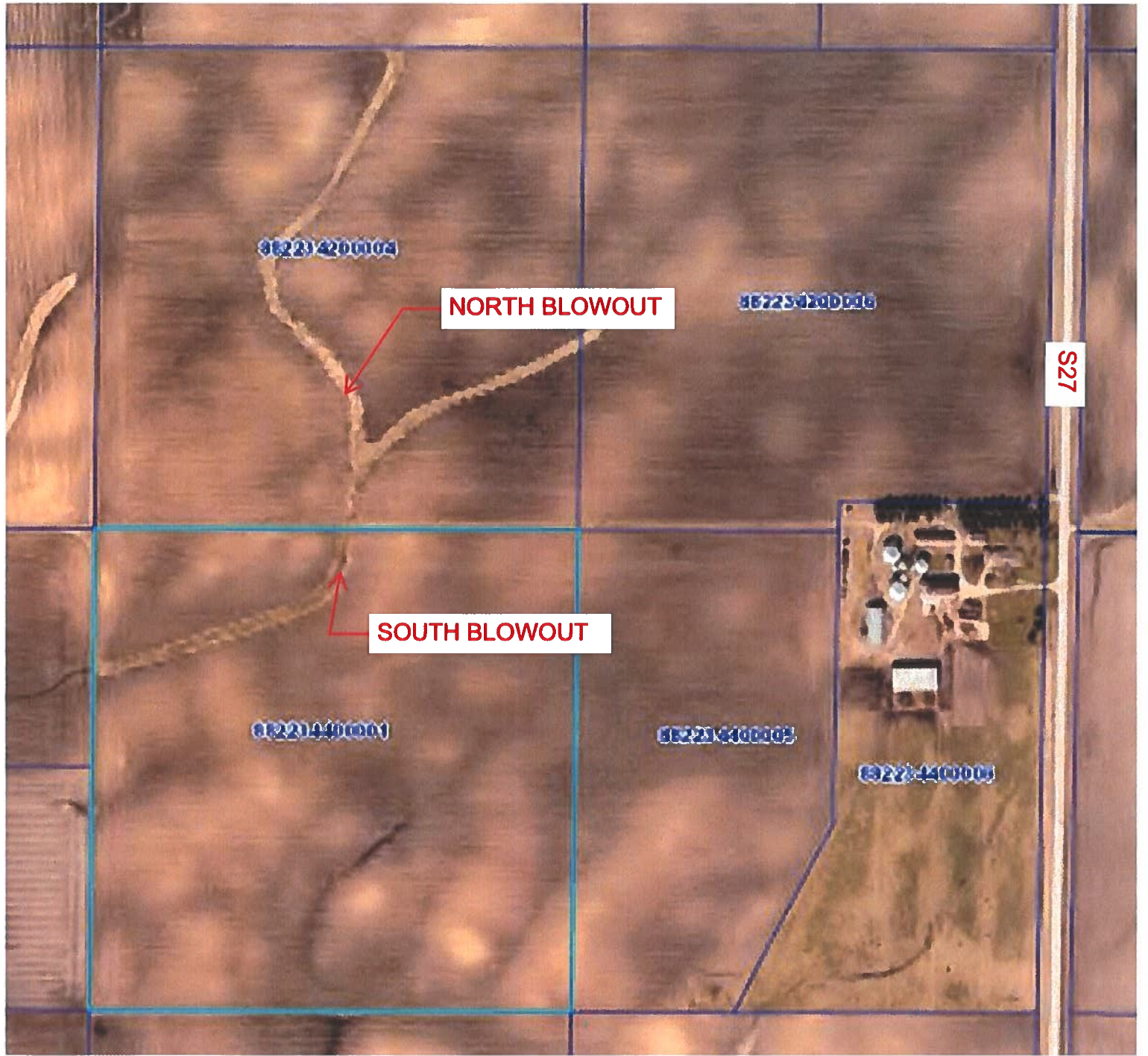
Phone (641) 939-8111  
Fax (641) 939-8245

Hardin County Auditor's Office  
Attn: Tina Schlemme  
1215 Edgington Ave, Suite 1  
Eldora, IA 50627

For Office Use Only

Approved: \_\_\_\_\_

Date: \_\_\_\_\_



**NORTH BLOWOUT**

**SOUTH BLOWOUT**

**S27**

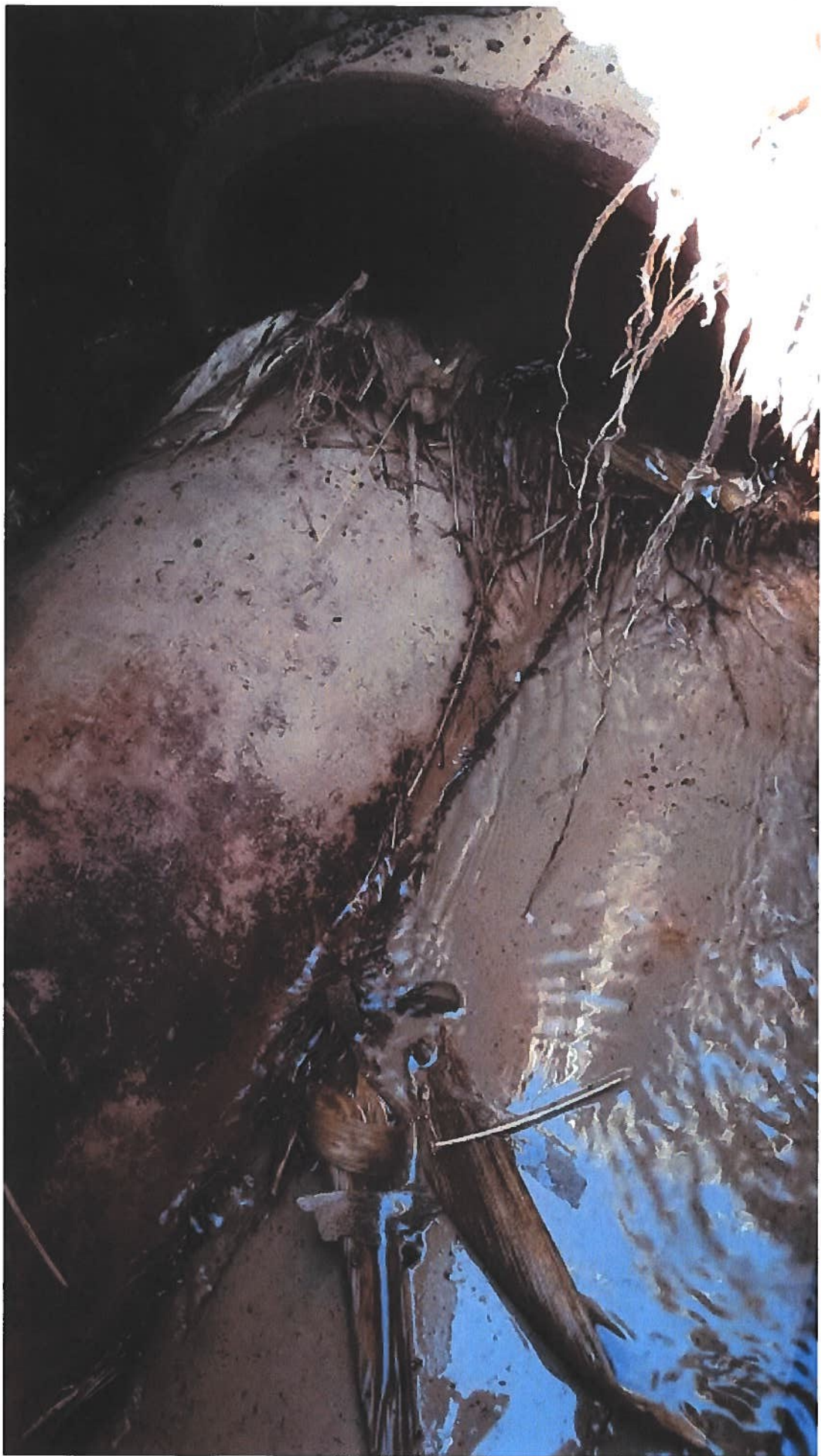
882234200004

882254200006

882214400001

882234400005

882274400008



South blowout



South blowout



North blowout



North blowout



CONSTRUCTION ENGINEERING  
OBSERVATION REPORT

DATE:

5/5/20

DAYS OF WEEK:

S M T W T F S

SHEET NO.

1 OF 1

PROJECT NUMBER:

6844.4

COUNTY, ROUTE, ROAD:

DD 14

LOCATION:

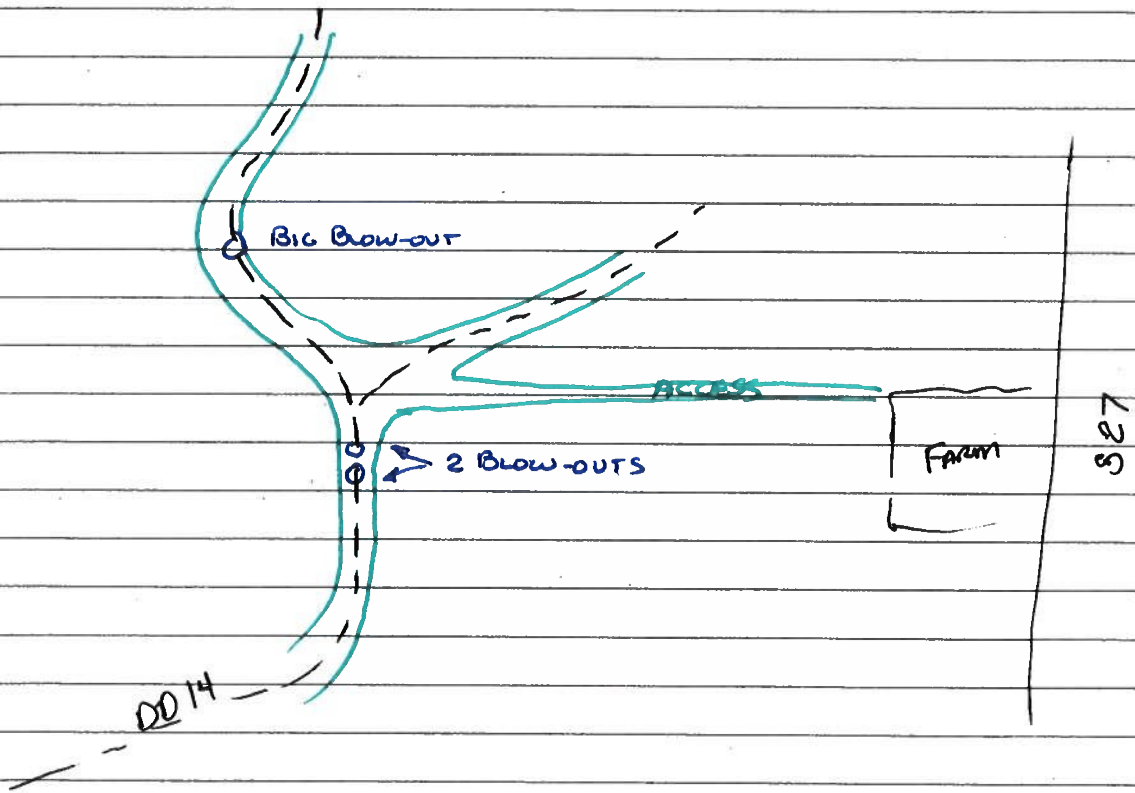
HARDIN Co. ON 527

DESCRIPTION OF WORK AND MATERIAL USED FOR EACH OPERATION, INCLUDING CONTRACTOR/SUB  
NAME, ITEM NO. AND LOCATION

CLOUDY, MIST, 45°

ARRIVED @ DAVID SWEENEY HOUSE, TALKED TO HIM, HE GAVE INSTRUCTION  
TO TAKE GRASS DRIVE OUT TO SWALE WITH BROKEN CLAY TILE ON  
DD 14. LOOKS LIKE 15"±. 3 BLOW-OUTS

REPAIR ASAP.



I Certify that the work described in this report was incorporated into this contract unless otherwise noted.

Observer's Signature:

*[Handwritten Signature]*

Date Prepared:

5/5/20

Reviewed by:

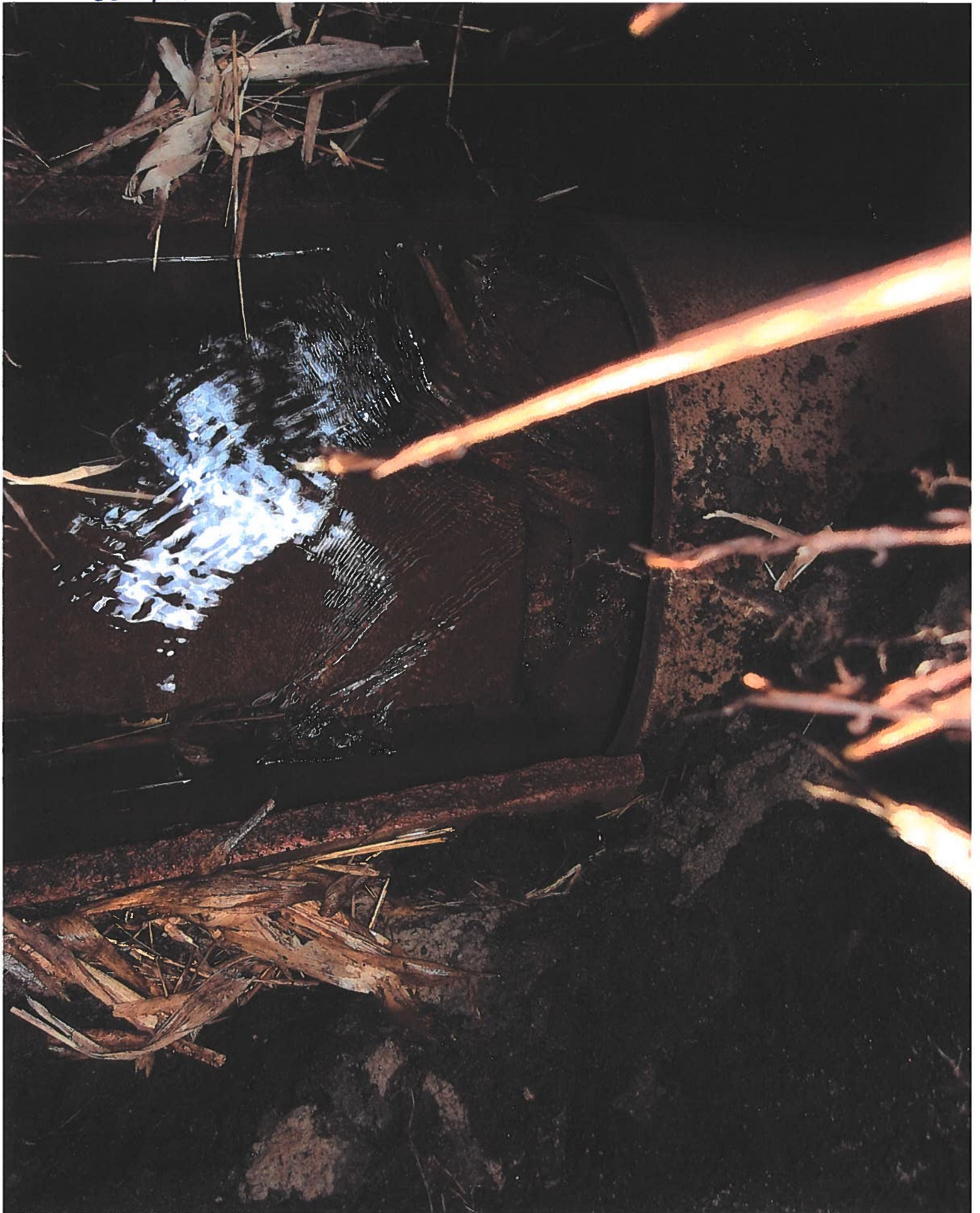
Engineer

Date Reviewed \_\_\_\_\_

2 Blow-outs To South



COLLAPSED 15" E TILE



Clay FILL COLLAPSED



Collapsed Clay Tine



NORTHERN MOST Blow-out, COLLAPSED TILE 15"  $\phi$  ±



Collapsed Tile

