



## Pipeline Safety Division Investigation Report

### Investigation regarding: **A-1 Irrigation**

UPPAC Database Record ID: 3370

Investigator: Howard Friend

Report Date: 9/17/2012

Damage Date: 7/16/2012 9:57:30 AM

Damage Address: 4837 Auburn Frd

City: Greenwood

County: Johnson

### The Parties

Excavator: **A-1 Irrigation**

Contact: Richard Bannon

Address: 6250 Kentstone Drive, Indianapolis, In 46268

Telephone:

Facility Owner: Vectren

Contact: Darlene Kulhanek

Address: 1 N Main Street, Evansville, IN 47702

### Pipeline Facility

Facility Type: Natural Gas

Facility Function: Distribution

## **Investigation regarding: A-1 Irrigation**

UPPAC Database Record ID: 3370

### **Damage Impact**

Product release: Yes

Ignition: No

Service Interruption: True

Number of Customers Affected: 7

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$3788

### **Excavator Activities/Cause of damage information:**

Excavator request locates: Yes    Indiana 811 ticket Number: 1207060139

Type of Equipment: Backhoe/Trackhoe

Type of work performed: Irrigation

**Synopsis:** A natural gas main was damaged during excavation for irrigation.

**Findings:** Reported by Indiana 811; excavator did not respond to initial notice mailed 8/16/2012. The excavator had a valid locate request and the operator provided locate marks within 14" of the facility. The excavator started using hand tools to expose the facility however; they ended up using the backhoe and caused the damage.

**Conclusion:** Excavator failed to maintain the required clearance with mechanized equipment.

**Violation: IC 8-1-26-20(b): Failure to plan excavation to avoid damage or interference with underground facilities; Failure to maintain two (2) feet clearance with mechanized equipment.**



Date: 08/17/2012

MAIL MAIL:

The following is in response to your 08/17/2012 request for delivery information on your Certified Mail(TM)/RRE item number 9214 8901 0661 5400 0002 6822 93. The delivery record shows that this item was delivered on 08/17/2012 at 02:27 PM in INDIANAPOLIS, IN 46268. The scanned image of the recipient information is provided below.

Signature of Recipient:

Signature	
Printed Name	Rita Bannon

Address of Recipient:

Delivery Address	6250 Kentstone Dr
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Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,

United States Postal Service

The customer reference info shown below is not validated or endorsed by the United States Postal Service. It is solely for customer use.

3370  
RICHARD BANNON  
A-1 IRRIGATION  
6250 KENTSTONE DR  
INDIANAPOLIS IN 46268-4858



INDIANA UTILITY REGULATORY COMMISSION  
101 W. WASHINGTON STREET, SUITE 1500E  
INDIANAPOLIS, INDIANA 46204-3407

<http://www.in.gov/iurc>  
Office: (317) 232-2701  
Facsimile: (317) 232-6758

August 16, 2012

Ms. Darlene Kulhanek  
Vectren  
1 N Main Street  
Evansville, IN 47702

Subject: Investigation Request for Information

Date of Event: 7/16/2012

Event Location: 4837 Auburn Frd, Greenwood

Facility Owner: Vectren

Excavator: A-1 Irrigation

Other Party: N/A

Pipeline Division Case No. 3370

Dear Ms. Kulhanek:

Pursuant to Indiana Code 8-1-26, the *Indiana Damage to Underground Facilities Act*, the Pipeline Safety Division of the Indiana Utility Regulatory Commission ("Pipeline Division") is required to investigate reported incidents of alleged statutory violations involving underground pipeline safety. The purpose of this statute is to promote excavation and pipeline safety and to reduce the imminent danger to life, health, property, or loss of service associated with unsafe digging practices. Please note that the investigation does not entail determining criminal liability or a civil determination of fault or damages; however, it does determine whether any statutory violations were committed regarding public safety.

The Pipeline Division received information regarding potential statutory violations regarding the date and location referenced above. You were identified as a person or entity that might have information that would assist the Pipeline Division in its investigation. Therefore, we have contacted you in order to receive the full account of information in order to make a fair determination related to the circumstances of this incident.

We have asked all involved parties, entities and witnesses to provide *written* information within *30 days* in order to meet legal deadlines to conclude our investigation. **Please consider this letter as a formal request to receive any and all information and evidence (including a narrative, documentation, maps, photographs or any other written information) you can access regarding anything you may know about the incident referenced above.**



## DAMAGE INFORMATION REPORT – PIPELINE SAFETY DIVISION

State Form 54122 (R2 / 7-11)  
INDIANA UTILITY REGULATORY COMMISSION

Submitted to IURC-Pipeline Safety on: 08-22-2012

### Who is submitting this information?

Name of person providing this information: Darlene Kulhanek

Business address (*number and street*): 1 Main Street

City, State, and ZIP code: Evansville, IN 47711

Telephone number (*area code*): 812-491-4227

Fax number (*area code*): 812-491-4504

E-mail address: dkulhanek@vectren.com

### Excavator Information, if known

Full name: A-1 Irrigation

Business address (*number and street*): 6250 Kenstone Drive

City, State, and ZIP code: Indianapolis, IN 46268

Telephone number (*area code*): 317-293-7109

Fax number (*area code*): 317-293-8525

E-mail address: Unknown

### Excavation or Demolition Information

Excavator type: Contractor

Excavation or demolition equipment: Backhoe/Trackhoe

Type of work performed: Irrigation

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**Date and Location of Damage**

Date of damage (month, day, year): 7-16-2012

County: Johnson

City: Greenwood

Street address (number and street, city, state, and ZIP code):  
4837 Auburn Ford, Greenwood, IN

Nearest intersection: Unknown

Right of way where damage occurred: Dedicated Public Utility Easement

Was there a release of product? Yes

If yes, was there an ignition of product? No

Were evacuations necessary as a result of release? No

If yes, how many evacuated? 0

Was there a customer service interruption? Yes

If yes, how many affected? 7

Time to restore service (in hours): 2

Enter number of injuries, if applicable and known: 0

Enter number of fatalities, if applicable and known: 0

Property damage, Estimate \$ 3,788.05

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**Affected Facility Information**

What type of pipeline was damaged? Natural Gas

What was the affected facility? Distribution

What was the depth of the facility, in inches? \_\_\_\_\_

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**Notification, Locating, Marking**

Did excavator request locates prior to commencing work? Yes

Enter Indiana 811 ticket number, if known: 1207060139

Was the locate request completed within two working days? Yes

If locates were performed, were they done so by a contractor or pipeline employee? Contract Locator

If a contractor locator, enter the company name, if known: USIC

Were facility marks visible in the area of excavation? Yes

Were facilities marked correctly? Yes

Type of markings used: Paint

If other, please specify: \_\_\_\_\_

Was site marked by "White Lining"? No

Were special instructions part of the locate request? Unknown/Other

Were maps used to complete the locate request? Unknown/Other

Were pipeline company representatives on site during excavation? No

Did the excavator notify the operator in the event of this damage? Yes

Did the excavator notify Indiana 811 in the event of this damage? Yes

Did the excavator notify 911 in the event of a release of product? Yes

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### **Description of Cause**

Select from the list the most accurate cause for the damage: --Failure to use hand tools where required

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### **Additional Comments**

2" plastic main severed by hoe. Attempted hand exposure but resorted to using mechanized equipment. Not hand exposed.

## NORMAL NOTICE

Ticket : 1207060139 Date: 07/06/2012 Time: 07:39 Oper: JSMITH Chan:088

State: IN Cnty: JOHNSON Twp: WHITE RIVER  
Cityname: GREENWOOD Inside: N Near: Y  
Subdivision: FAIR OAKSAddress : 4837  
Street : AUBURN FRD  
Cross 1 : N MORGANTOWN RD Within 1/4 mile: Y  
Location: LOCATE THE ENTIRE PROPERTY  
\*\*\*Boring Where = UNDER DRIVEWAY  
:  
Grids : 3936A8611B 3936A8611AWork type : INSTALLING IRRIGATION/SPRINKLERS  
Done for : NEIL MCNALLEY  
Start date: 07/10/2012 Time: 08:00 Hours notice: 96/048 Priority: NORM  
Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: N  
Duration : 5 DAYS Depth: 1 FOOTCompany : A-1 IRRIGATION Type: CONT  
Co addr : 6250 KENTSTONE DRIVE  
City : INDIANAPOLIS State: IN Zip: 46268  
Caller : RICHARD BANNON Phone: (317)293-7109  
Contact : RICHARD BANNON--CELL Phone:  
BestTime:  
Mobile : (317)442-0055  
Fax : (317)293-8525Remarks : All tickets are taken and processed on Eastern Daylight Time  
Will you be white-lining the dig site area? NO  
:Submitted date: 07/06/2012 Time: 07:39  
Members: ID0270 ID1254 ID4378 ID4752 ID5555 ID7131 ID7288 SBCIN ID6921 SM

Member Name	Facility Types
AT&T - DISTRIBUTION	COMMUNICATIONS
COMCAST CENTRAL (GREENWOOD)	CABLE TV
GREENWOOD, CITY OF	
IN AMERICAN WATER JOHNSON COUNTY	WATER
INDIANAPOLIS POWER & LIGHT COMPANY	ELECTRIC
JOHNSON COUNTY R.E.M.C.	ELECTRIC
VECTREN - FRANKLIN	GAS
WINDSTREAM KDL	COMMUNICATIONS

[View Map](#)[Close Map](#)

DAMAGE SEE REMARKS

Ticket : 1207160955 Date: 07/16/2012 Time: 09:54 Oper: SDOERFLEIN Chan:029

State: IN Cnty: JOHNSON Twp: WHITE RIVER  
 Cityname: GREENWOOD Inside: N Near: Y  
 Subdivision: FAIR OAKS

Address : 4837  
 Street : AUBURN FRD  
 Cross 1 : N MORGANTOWN RD Within 1/4 mile: Y  
 Location: LOCATE THE ENTIRE PROPERTY  
 \*\*\*Boring Where = UNDER DRIVEWAY  
 :  
 Grids : 3936A8611B 3936A8611A

Work type : INSTALLING IRRIGATION/SPRINKLERS  
 Done for : NEIL MCNALLEY  
 Start date: 07/16/2012 Time: 09:54 Hours notice: 0/000 Priority: EMER  
 Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: Y  
 Duration : 5 DAYS Depth: 1 FOOT

Company : A-1 IRRIGATION Type: CONT  
 Co addr : 6250 KENTSTONE DRIVE  
 City : INDIANAPOLIS State: IN Zip: 46268  
 Caller : RICHARD BANNON Phone: (317)293-7109  
 Contact : RICHARD BANNON--CELL Phone:  
 BestTime:  
 Mobile : (317)442-0055  
 Fax : (317)293-8525

Remarks : All tickets are taken and processed on Eastern Daylight Time  
 PER RICHARD-CREW HAS CUT A GAS LINE NEXT TO THE MAILBOX AT THE ABOVE ADDRESS-THE  
 GAS LINE IS BLOWING-WILL CALL 911-IT IS A 2 INCH ORANGE LINE-CREW IS ON  
 SITE-WILL CALL VECTREN-PREVIOUS TICKET 1207060139  
 Will you be white-lining the dig site area? NO  
 :

Submitted date: 07/16/2012 Time: 09:54  
 Members: ID0270 ID1254 ID4378 ID4752 ID5555 ID7131 ID7288 SBCIN ID6921 SM

Member Name	Facility Types
AT&T - DISTRIBUTION	COMMUNICATIONS
COMCAST CENTRAL (GREENWOOD)	CABLE TV
GREENWOOD, CITY OF	
IN AMERICAN WATER JOHNSON COUNTY	WATER
INDIANAPOLIS POWER & LIGHT COMPANY	ELECTRIC
JOHNSON COUNTY R.E.M.C.	ELECTRIC
VECTREN - FRANKLIN	GAS
WINDSTREAM KDL	COMMUNICATIONS

[View Map](#)

[Close Map](#)

# Service Order Status

Friday, July 20, 2012

**Enter Service Order Number:**

5308511



Clear Form

Refresh Data

**Banner Instance:**  CS03PROD  CS01PROD  CS02PROD

**Order Number:** N5308511

**Order Type:** LEAK

**Order Status:** Completed

**Customer:** 600039790 - MCNALLEY NEAL D

**Prem:** 5304819 - 4837 AUBURN FRD

**Technician:** 2148 - Shipp, Randy

**Order Dates and Times**

**Need Date:** 7/16/2012 10:16:00 AM  
**Time Created:** 7/16/2012 10:03:07 AM  
**Time Dispatched:** 7/16/2012 10:03:07 AM  
**Time In Route:** 7/16/2012 10:06:31 AM  
**Time On-Site:** 7/16/2012 10:18:33 AM  
**Tech Complete:** 7/16/2012 1:11:17 PM  
**Time Closed:** 7/16/2012 1:11:17 PM

**Events Performed/Completion Code**

LKOT - CMP

**Meter Information**

**Current ReadStatus**

**Old Meter:** 7662 Active

**New Meter:**

**Completion Notes**

2 inch main cut crew is fixing

**Request Notes**

HIT LINE AT MAILBOX PER WHITERIVER TWSHP FIRE DEPT 317-887-5200 HIT BYLANDSCAPE CO/ FIRE DEPT IS ONSITE/ XST MYRTLE LN/LINE IS BLOWING...LINESLOCATED #1207160955...RICHARD BANNON ONSITE #317-442-0055 (ADDED)

**MDSI Event Dates and Times**

Event	Date/Time	User
AsnAssignmentManualAck_evt	7/16/2012 10:04:21 AM	Shipp, Randy
AsnAssignmentEnRoute_evt	7/16/2012 10:06:31 AM	Shipp, Randy
AsnAssignmentOnSite_evt	7/16/2012 10:18:33 AM	Shipp, Randy
OrdOrderComplete_evt	7/16/2012 1:11:17 PM	Shipp, Randy

NOTE:The Reporting database replicates in near real-time; it has been approximately 2 minute(s) since the last transaction replicated.



2 VECTREN ENERGY DELIVERY OF INDIANA - NORTH

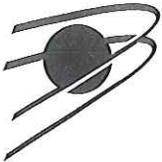


\$3,788.05

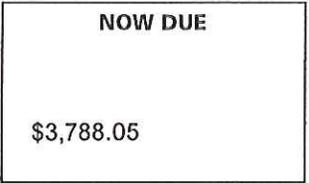
A-I IRRIGATION  
6250 KENTSTONE DR  
INDIANAPOLIS, IN 46268

Type: GAS  
Invoice: FDS0016567  
BillToID: 32230  
Billing Date: 8/9/2012  
Date of Loss: 7/16/2012  
5835 103.0509

Please return this portion with your remittance.



Mail Payment To:  
Vectren Utilities Holding Group, Inc.  
1239 Reliable Parkway  
Chicago, IL 60686-0012  
Inquiries: 1-877-902-2934, Mon.-Fri., 8-5  
Risk Management/Claims Department



\$3,788.05

A-I IRRIGATION  
6250 KENTSTONE DR  
INDIANAPOLIS, IN 46268

Type: GAS  
Invoice: FDS0016567  
BillToID: 32230  
Billing Date: 8/9/2012  
Date of Loss: 7/16/2012

**Invoice For Costs to Repair and Reconstruct Damaged Property**

Address: 4837 AUBURN FORD, GREENWOOD

2" PLASTIC MAIN SEVERED BY HOE. NOT HAND EXPOSED.

Material:	\$195.51
Company Labor:	\$2,388.93
Contract Labor:	\$0.00
Transportation/Equipment:	\$397.96
Misc:	\$0.00
Gas Loss:	\$805.65
Adjustments:	\$0.00
Payments:	\$0.00
<b>Total:</b>	<b>\$3,788.05</b>

5835 103.0509

Remember, call two (2) working days before digging. Contact I.U.P.P.S. at 1-800-382-5544.

FDS 0016567

Task No: 103.0509 Capital / O & M (circle one)
Date of Damage 7/16/12
Cost Center # Franklin
Time Occurred 1201 am/pm
Time Found 1019 am/pm
Latitude 39.6178 Longitude: -86.19353

Vectren Claim Number:
Police Report /MO #:

Vectren Claims Camera:

FACILITIES DAMAGE REPORT GAS

VE00043 Form 3112

DAMAGE SITE: Address 4837 Auburn Ford Lot #
County JOHNSON City GREENWOOD State Ind Township

FACILITY TYPE:
[X] Distribution [ ] Propane
[ ] Service [ ] Storage
[ ] Transmission: (include supplemental report)

Table with columns: FACILITIES DAMAGED, ORIFICE SIZE(S), (1), (2), (3). Rows include Farm Tap, Heater, Main, Meter (Residential/Industrial/Commercial), Odorizer, Regulator Station, Relief Valve, Riser, Service Line, Valve, and Other.

VISUAL OBSERVATION AT DAMAGE SITE:
Visual Observation: [ ] Above Ground [ ] Below Ground
Locate Applicable [X] Yes [ ] No [ ] N/S
Facilities Properly Marked [X] Yes [ ] No [ ] N/S
Marking Methods: [X] Conventional [ ] Flags [ ] None [ ] Offset [X] Paint [ ] Stakes [ ] Whiskers
Locate Marking Faded: [ ] Yes [X] No [ ] N/S
Wrong Address Requested [ ] Yes [X] No [ ] N/S

Facilities Improperly Located:
[ ] Qualified Locator Could Not Have Accurately Located
[ ] Inaccurate Maps / Cards
[ ] Broken or No Tracer Wire (Plastic)
[ ] Insulation Preventing Accurate Locate

Locator Error:
[ ] Failure to Follow Policy
[ ] Inappropriate Site Markings
[ ] Incomplete Locate
[ ] No Locates Performed
[ ] Qualified Locator Could Have Accurately Located
[ ] Wrong Address Located
[ ] Marking Off By: (Feet / Inches)

TYPE OF MATERIAL: DAMAGE TYPE: PRESSURE:
[ ] Cast Iron [X] Severed [ ] 25 PSIG
[ ] Plastic (HDPE) [ ] Not Cut [ ] 40 PSIG
[X] Plastic (MDPE) [ ] Severed [ ] 50 PSIG
[ ] Steel Size x [X] 55 PSIG
[ ] Other [ ] 60 PSIG
[ ] Other [ ] 6 WC (.2163)
[ ] Other [ ] 7 WC (252)
[ ] Other

Were Facility Marks Visible [X] Yes [ ] No
Was Area White Lined [ ] Yes [X] No [ ] Destroyed
Positive Response [X] Yes [ ] No [ ] Destroyed
Tolerance Zone Violated [X] Yes [ ] No
Part of Project [ ] Yes [X] No
Company Representative On-Site [X] Yes [ ] No

PROTECTION IN PLACE:
[ ] Building [ ] Fence [X] None
[ ] Post [ ] Rail [ ] Vault [ ] N/A
[ ] Other
DURATION OF ESCAPING GAS:
Minutes: 90 min
EFV Activated [ ] Yes [X] No [ ] N/S

Observation by (ID#): 2148

LEAK REPORT NUMBER: 18141
FEED TYPE:
[ ] One-Way Feed
[X] Two-Way Feed
Number of Customers Affected: 7
Total Hours Service Was Off: 2

Name of Locator:
LOCATING ORGANIZATION:
[X] Contract Locator
[ ] Unknown / Other
[ ] Utility Owner

SERVICE ORDER NUMBER: 15308511

DAMAGED BY:
[X] Contractor
[ ] County
[ ] Developer
[ ] Farmer
[ ] Municipality
[ ] Property Owner/ Tenant
[ ] Railroad
[ ] State
[ ] Unknown
[ ] Utility
[ ] Vehicle Accident
[ ] Other
TYPE OF CONSTRUCTION:
[ ] Agriculture
[ ] Building Construction
[ ] Building Demolition
[ ] Cable TV
[ ] Curbs / Sidewalk
[ ] Drainage
[ ] Driveway
[ ] Electric
[ ] Engineering / Surveying
[ ] Fencing
[ ] Grading
[X] Irrigation
[ ] Landscaping
[ ] Liquid Pipeline
[ ] Milling
[ ] Pole
[ ] Natural Gas
[ ] Public Transit Authority
[ ] Railroad Maintenance
[ ] Other

NOTIFICATIONS AND OTHER DETAILS OF LOCATE:
[ ] Locate Ticket:
Date: Time: am / pm
TYPE OF REQUEST:
[X] Regular Request [ ] Emergency Request
[ ] Locate Company Notified
Contact Name:
Time Called: am / pm
Time Locator Arrived at the Site: am / pm

Company Notified of Locate Near Critical Facilities
[ ] Yes [X] No [ ] N/S
Copy of Mark Out Request Provided Within 2 Working Days
[ ] Yes [X] No [ ] N/S

ONE-CALL CENTER:
[X] IUPPS
[ ] OUPS
[ ] Unknown

Vectren Claim Number: \_\_\_\_\_

**TYPE OF EQUIPMENT:**

- Auger
- Backhoe / Track hoe
- Boring
- Drilling
- Explosives
- Farm Equipment
- Grader / Scraper
- Hand Tools
- Milling Equipment
- Plow
- Probing Device
- Trencher
- Vacuum Equipment
- Vehicle
- Other \_\_\_\_\_

**ROOT DAMAGING CAUSE:**

- Abandoned Facility
- Deteriorated Facility
- Facility Could Not be Found/ Located
- Facility Was Not Located / Marked
- Failure to Maintain Clearance
- Failure to Maintain Marks
- Failure to Support Exposed Facility
- Failure to Use Hand Tools Where Required
- Improper Backfilling
- Incorrect Records / Maps
- Marking or Location Not Sufficient
- No Notification Made to One-Call
- One-Call Notification Error
- Previous Damage
- Wrong Information Provided
- Other \_\_\_\_\_

**CONTRACTOR REPAIRS:**

- Contractor Working for Vectren Made Repairs at Own Expense
  - Yes  No  N/S
- Contractor Repaired Damage
  - Yes  No  N/S

Name of Contractor: USIC  
 # of Regular Hours; \_\_\_\_\_  
 # of Overtime Hours; \_\_\_\_\_  
 # of Regular Hours; \_\_\_\_\_  
 Crew Type: \_\_\_\_\_

**MATERIALS OR ROAD WORK:**

- Meter was replaced \_\_\_\_\_ (Stores Code)
- Regulator Was Replaced \_\_\_\_\_ (Stores Code)
- Temporary Asphalt Repair: \_\_\_\_\_ (sq. ft.)
- Permanent Asphalt Repair: \_\_\_\_\_ (sq. ft.)

**RIGHT OF WAY:**

- Dedicated Utility Easement
- Federal Utility Easement
- Pipeline
- Power / Transmission Line
- Private - Business
- Private - Easement
- Private - Land Owner
- Public - County Road
- Public - Interstate Highway
- Public - Other
- Public - State Highway
- Public - City Street
- Unknown

Did Excavator Notify You

- Yes  No

Excavation Required

- Yes  No

Media at Site

- Yes  No

Was There Ignition of Gas?

- Yes  No

INVOICE:

- Yes ?  No  N/S

**DAMAGING PARTY:**

Name: A-1 Irrigation  
 Address: 6250 Kentstone Dr  
 City/ State/ Zip: Indianapolis Ind  
 Phone: (317) 293-7109  
 Prepared / Investigated By: [Signature] Date: 7-16-12

**PARTY TO INVOICE:**

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City/ State/ Zip: \_\_\_\_\_  
 Phone: (\_\_\_\_) \_\_\_\_\_  
 Reviewed by Field Supervisor: [Signature] Date: 7-17-12

Locates were 14" OF the mark and ground  
 WAS extremely hard. Contractor had been hand digging  
 BEFORE they hit the 2" main.