



Pipeline Safety Division Investigation Report

Investigation regarding: Muncie Sanitary District Engineering

UPPAC Database Record ID: 4108

Report Date: 6/12/2013

Investigator: Mike Orr

Damage Date: 11/12/2012 9:43:02 AM

Damage Address: 911 E 13th St, Muncie, Delaware

The Parties

Excavator: **Muncie Sanitary District Engineering**

Address: 5120 Kilgore Lane, Muncie, In 47304

Facility Owner: **Vectren**

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Service/Drop

Type of Equipment: Backhoe/Trackhoe

Type of Work Performed: Sewer

Damage Impact

Product Release: Yes

Ignition: No

Service Interruption: True

Number of Customers Affected: 1

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$657

Excavator Activities/Cause of Damage Information:

Excavator Request Locates: Yes

Indiana 811 Ticket Number: 1211110120

Original Start Date:

Locate Instructions: LOCATE THE ENTIRE EAST SIDE OF THE PROPERTY

Follow-Up Locate Instructions (if applicable):

Synopsis: Excavator struck and damaged an underground natural gas service while performing sewer work.

Findings: Reported by Indiana 811; excavator did not respond to initial notice mailed 11/30/2012. Excavator had a valid locate ticket and gas operator provided accurate locate markings; however, the excavator failed to maintain required clearance from the gas service with the backhoe.

Conclusion: There was a failure to use hand tools when required.

Violation: IC 8-1-26-20(a)(2) Failure to maintain two (2) feet clearance with mechanized equipment.



DAMAGE INFORMATION REPORT – PIPELINE SAFETY DIVISION

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

INITIAL DOCUMENTS -
OPERATOR

CASE 4108

Submitted to IURC-Pipeline Safety on: 12-14-2012

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: Muncie Sanitary District

Business address (number and street): 5120 Kilgore Street

City, State, and ZIP code: Muncie, IN 47304

Telephone number (area code): 765-747-4879

Fax number (area code): 765-288-3347

E-mail address: Unknown

Excavation or Demolition Information

Excavator type: Contractor

Excavation or demolition equipment: Backhoe/Trackhoe

Type of work performed: Sewer (Sanitary/Storm)

Date and Location of Damage

Date of damage (month, day, year): 11-12-2012

County: Delaware

City: Muncie

Street address (number and street, city, state, and ZIP code):
911 E 13th Street, Muncie, IN

Nearest intersection: Unknown

Right of way where damage occurred: Private - Land Owner

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? 1

Time to restore service (in hours): 1

Enter number of injuries, if applicable and known: 0

Enter number of fatalities, if applicable and known: 0

Property damage, Estimate \$ 657.35

Affected Facility Information

What type of pipeline was damaged? Natural Gas

What was the affected facility? Service/Drop

What was the depth of the facility, in inches?

Notification, Locating, Marking

Did excavator request locates prior to commencing work? Yes

Enter Indiana 811 ticket number, if known: 1211110120-emergency

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 and Flags

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? Unknown/Other

Description of Cause

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

Additional Comments

1" plastic service severed by hoe. Not hand exposed.

FACILITIES DAMAGE REPORT GAS

Task No.: 103.0510

Capital O&M(circle one)

FDS 0017212

FACILITY TYPE

- DISTRIBUTION
PROpane
SERVICE
STORAGE
TRANSMISSION (include supplemental report)

TIME OCCURRED: 9:52 AM/PM
TIME FOUND: 9:57 AM/PM

DATE OF DAMAGE: 11/12/12

Cost Center No.: 5733

DAMAGE SITE ADDRESS: 911 East 13th
COUNTY Delaware CITY: Muncie STATE: IN TOWNSHIP

Table with columns: FACILITIES DAMAGED, ORIFICE SIZE(S), (1), (2), (3). Includes rows for Farm Tap, Heater, Main, Meter Residential, etc.

- VISUAL OBSERVATION AT DAMAGE SITE
VISUAL OBSERVATION ABOVE GROUND
BELOW GROUND
LOCATE APPLICABLE?
FACILITIES PROPERLY MARKED
MARKING METHODS
LOCATE MARKINGS FADED
WRONG ADDRESS REQUESTED
FACILITIES IMPROPERLY LOCATED
LOCATOR ERROR
WERE FACILITY MARKS VISIBLE
WAS AREA WHITE LINED?
POSITIVE RESPONSE
TOLERANCE ZONE VIOLATED
PART OF PROJECT

Table with columns: TYPE OF MATERIAL, DAMAGE TYPE, PRESSURE. Includes rows for Cast Iron, Plastic (HDPE), Plastic (MDPE), Steel, etc.

PROTECTION IN PLACE
BUILDING
FENCE
NONE
POST
RAIL
VAULT
N/A

LEAK REPORT NUMBER # 2001
EFV ACTIVATED YES NO

FEED TYPE
ONE-WAY FEED
TWO-WAY FEED
NUMBER OF CUSTOMERS AFFECTED: 1
TOTAL HOURS SERVICE WAS OFF

SERVICE ORDER #
DAMAGED BY
COMPANY CREW
CONTRACTOR
COUNTY
DEVELOPER
FARMER
MUNICIPALITY
PROPERTY OWNER/TENANT
RAILROAD
STATE
UNKNOWN
UTILITY
VEHICULAR ACCIDENT
IF OTHER

- TYPE OF CONSTRUCTION
AGRICULTURE
BLDG. CONSTRUCTION
BLDG. DEMOLITION
CABLE TV
CURBS/SIDEWALKS
DRAINAGE
DRIVEWAY
ELECTRIC
ENGINEERING/SURVEYING
FENCING
GRADING
IRRIGATION
LANDSCAPE
LIQUID PIPELINE
MILLING
NATURAL GAS
POLE
PUBLIC TRANSIT AUTHORITY
RAILROAD MAINTENANCE
IF OTHER Sewer

COMPANY REPRESENTATIVE ON SITE YES NO
OBSERVATION BY:
NAME OF LOCATOR:
LOCATING ORGANIZATION
CONTRACT LOCATOR
UNKNOWN/ OTHER
UTILITY OWNER

COPY OF MARKOUT REQUEST PROVIDED WITHIN 2 WORKING DAYS
YES NO N/S

NOTIFICATION AND OTHER DETAILS OF LOCATE
LOCATE TICKET #:
DATE: TIME: AM/PM
REGULAR REQUEST EMERGENCY REQUEST

CONTACT NAME:
TIME CALLED: AM/PM
TIME LOCATOR ARRIVED AT SITE AM/PM

LOCATE COMPANY NOTIFIED YES NO N/S

COMPANY NOTIFIED OF LOCATE NEAR CRITICAL FACILITIES
YES NO N/S

ONE CALL CENTER
IUPPS
OUPS
UNKNOWN

Handwritten notes: 11/12, 11/27 09:00, 11/27 09:00

NOV 20 2012

TYPE OF EQUIPMENT

- AUGER
- BACKHOE/TRACKHOE
- BORING
- DRILLING
- EXPLOSIVES
- FARM EQUIPMENT
- GRADER/SCRAPER
- HAND TOOLS
- MILLING EQUIPMENT
- PLOW
- PROBING DEVICE
- TRENCHER
- VACUUM EQUIPMENT
- VEHICLE

IF OTHER _____

DAMAGING CAUSE

- ABANDON 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 REQ
- IMPROPER BACKFILLING
- INCORRECT RECORDS/MAPS
- MARKING OR LOCATIONS NOT SUFFICIENT
- NO NOTIFICATION MADE TO ONE-CALL CENT
- ONE-CALL NOTIFICATION ERROR
- PREVIOUS DAMAGE
- WRONG INFORMATION PROVIDED

IF 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: _____
 # 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

EVACUATION REQUIRED? YES NO

MEDIA AT SITE? YES NO

WAS THERE IGNITION OF GAS? YES NO

INVOICE: YES NO N/S

DAMAGING PARTY NAME: Muncie Sanitary Corp.

ADDRESS: 5120 Kilgore St.

CITY/STATE/ZIP: Muncie, IN 47304

PHONE NUMBER: 765-747-4879

PREPARED BY: Don Froderman DATE: 11/12/12

PARTY TO INVOICE NAME: Muncie Sanitary Corp.

ADDRESS: 5120 Kilgore St.

CITY/STATE/ZIP: Muncie, IN

PHONE NUMBER: 765-747-4879

REVIEWED BY FIELD SUPERVISOR: _____ DATE: 11/13/12

Found old steel service and thought it was the one but plastic was 18" north of steel line.

EMERGENCY EMERGENCY

Ticket : 1211110120 Date: 11/11/2012 Time: 15:55 Oper: NBOYD Chan:002

State: IN Cnty: DELAWARE Twp: CENTER
 Cityname: MUNCIE Inside: Y Near: N
 Subdivision:

Address : 911
 Street : E 13TH ST
 Cross 1 : S EBRIGHT ST Within 1/4 mile: Y
 Location: LOCATE THE ENTIRE EAST SIDE OF THE PROPERTY
 :
 Grids : 4010B8522B

Work type : REPAIR SEWER
 Done for : MUNCIE SANITARY DISTRICT
 Start date: 11/12/2012 Time: 08:00 Hours notice: 16/000 Priority: EMER
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: Y
 Duration : 1 DAY Depth: 8 FEET

Company : MUNCIE SANITARY DISTRICT ENGINEERING Type: CONT
 Co addr : 5120 KILGORE LANE
 City : MUNCIE State: IN Zip: 47304
 Caller : MICKY NELSON Phone: (765)747-4879
 Contact : MICKY NELSON - CELL Phone:
 BestTime:
 Mobile : (765)808-1725
 Fax : (765)288-3347
 Email : MNELSON@MSDENG.COM

Remarks : All tickets are taken and processed on Eastern Daylight Time
 CREW WILL BE ON SITE AT 8AM ON 11-12
 Will you be white-lining the dig site area? NO
 :

Submitted date: 11/11/2012 Time: 15:55
 Members: AEPIN ID1256 ID3347 ID4245 SBCIN

Member Name	Facility Types
AMERICAN ELECTRIC POWER	ELECTRIC
AT&T - DISTRIBUTION	COMMUNICATIONS
IN AMERICAN WATER MUNCIE	WATER
MUNCIE SANITARY DISTRICT ENGINEERING	
VECTREN - MUNCIE	GAS

[View Map](#)

[Close Map](#)

Ticket Detail: 1211110122



ATTIN Seq: 58 Transmitted: Sun Nov 11 15:02:16 CST 2012

SBCIN 00057 IUPPSa 11/11/2012 16:00:46 1211110122-00A EMER NEW GRID

EMERGENCY EMERGENCY

Ticket : 1211110122 Date: 11/11/2012 Time: 15:59 Oper: NBOYD Chan:002

State: IN Cnty: DELAWARE Twp: CENTER
Cityname: MUNCIE Inside: Y Near: N
Subdivision:

Address :
Street : S EBRIGHT ST
Cross 1 : E 13TH ST Within 1/4 mile: Y
Location: LOCATE THE WEST SIDE OF S EBRIGHT ST AT 911 E 13TH ST
:
Grids : 4010C8522B 4010B8522B
Boundary: n 40.178017 s 40.174892 w -85.376740 e -85.375290

Work type : REPAIR SEWER
Done for : MUNCIE SANITARY DISTRICT
Start date: 11/12/2012 Time: 08:00 Hours notice: 16/0 Priority: EMER
Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: Y
Duration : 1 DAY Depth: 8 FEET

Company : MUNCIE SANITARY DISTRICT ENGINEERING Type: CONT
Co addr : 5120 KILGORE LANE
City : MUNCIE State: IN Zip: 47304
Caller : MICKY NELSON Phone: (765)747-4879
Contact : MICKY NELSON - CELL Phone:
BestTime:
Mobile : (765)808-1725
Fax : (765)288-3347
Email : MNELSON@MSDENG.COM

Remarks : All tickets are taken and processed on Eastern Daylight Time
CREW WILL BE ON SITE AT 8AM ON 11-12
Will you be white-lining the dig site area? NO
:

Submitted date: 11/11/2012 Time: 15:59
Members: AEPIN ID1256 ID3347 ID4245 SBCIN

Email_From: att-tickets@tickets.translore.com
Email_Subject: ATT Translore - 1211110122
Email_Sent_Date: 2012-11-11 15:02:16 CST
Email_MessageID: <1352667736417.2022013544.TransLore.att-tickets@tickets.translore.com>
Email_host: tickets6.811tickets.com
Email_user: 811.in.att
Email_To: 811.in.att@tickets.811tickets.com
Email_ContentType: text/plain; charset=ISO-8859-1

Ticket Detail: 1211110122



Ticket Position: 40.1764545,-85.3760150



Attachments

Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075610_10 00830.jpg	Nov 12, 2012 7:02 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:10 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075612_10 00831.jpg	Nov 12, 2012 7:02 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:12 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075614_10 00832.jpg	Nov 12, 2012 7:02 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:14 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075616_10 00833.jpg	Nov 12, 2012 7:01 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:16 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075618_10 00834.jpg	Nov 12, 2012 7:01 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:18 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075620_10 00835.jpg	Nov 12, 2012 7:01 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:20 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075622_10 00836.jpg	Nov 12, 2012 7:01 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:22 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075624_10 00837.jpg	Nov 12, 2012 7:01 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:24 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	20121112075626_10 00838.jpg	Nov 12, 2012 7:01 AM CST	Buck, Nathan	11/12/12 7:56 AM	



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 7:56:26 AM

Ticket Detail: 1211110122



Attached to	Name	Upload Date	Uploaded by	Created	Position
Ticket 1211110122	callout_2012-11-11- 15-08-56.mp3	Nov 11, 2012 3.09 PM CST	Buck, Nathan		
Ticket 1211110122	response_sent_62034 762.txt	Nov 12, 2012 7.14 AM CST	System		
Ticket 1211110122	response_sent_62035 091.txt	Nov 12, 2012 7.17 AM CST	System		

Service Order Status

Tuesday, November 27, 2012

Enter Service Order Number:

5425491



[Close Panel](#) [Refresh Data](#)

Banner Instance: CS03PROD CS01PROD **CS02PROD**
Order Number: N5425491
Order Type: LEAK
Order Status: Completed

Customer: 600575517 - FULLHART JAMES M
Prem: 5430778 - 911 E 13TH ST

Technician: 2081 - Froderman, Don

Order Dates and Times

Need Date: 11/12/2012 10:18:00 AM
Time Created: 11/12/2012 9:48:53 AM
Time Dispatched: 11/12/2012 10:19:16 AM
Time In Route: 11/12/2012 11:02:28 AM
Time On-Site: 11/12/2012 11:02:32 AM
Tech Complete: 11/12/2012 1:04:30 PM
Time Closed: 11/12/2012 1:04:30 PM

Events Performed/Completion Code

LKOT - CMP

Meter Information

Current ReadStatus

Old Meter: 9075 Active
New Meter:

Completion Notes

FOUND 1" PLASTIC SERVICE CUT. SQUEEZED OFF AT 10:57AM. CALLED FOR HELP AND REPA
 IRED. CUST. RELIT OWN APPLS.

Request Notes

HIT 1" PL SERV IN FRONT OF PROP PER MICKY NELSON WITH MUNCIE SANITARY...BLOWING...ONSITE...ADV SAFET
 Y...LOCATE #1211120665...XST EBRIGHT...PH765-808-1725.....THANKS

MDSI Event Dates and Times

Event	Date/Time	User
AsnAssignmentManualAck_evt	11/12/2012 9:52:20 AM	Froderman, Don
AsnAssignmentEnRoute_evt	11/12/2012 9:52:23 AM	Froderman, Don
AsnAssignmentOnSite_evt	11/12/2012 9:58:46 AM	Froderman, Don
AsnAssignmentEnRoute_evt	11/12/2012 11:02:28 AM	Froderman, Don
AsnAssignmentOnSite_evt	11/12/2012 11:02:32 AM	Froderman, Don
AsnAssignmentManualAck_evt	11/12/2012 11:02:33 AM	Froderman, Don
OrdOrderComplete_evt	11/12/2012 1:04:30 PM	Froderman, Don

NOTE:The Reporting database replicates in near real-time; it has been approximately 815 minute(s) since the last transaction replicated.

DAMAGE DAMAGE,

Ticket : 1211120665 Date: 11/12/2012 Time: 09:39 Oper: DWILSON Chan:006

State: IN Cnty: DELAWARE Twp: CENTER
 Cityname: MUNCIE Inside: Y Near: N
 Subdivision:

Address : 911
 Street : E 13TH ST
 Cross 1 : S EBRIGHT ST Within 1/4 mile: Y
 Location: LOCATE THE ENTIRE EAST SIDE OF THE PROPERTY
 :
 Grids : 4010B8522B

Work type : REPAIR SEWER
 Done for : MUNCIE SANITARY DISTRICT
 Start date: 11/12/2012 Time: 09:39 Hours notice: 0/000 Priority: EMER
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: Y
 Duration : 1 DAY Depth: 8 FEET

Company : MUNCIE SANITARY DISTRICT ENGINEERING Type: CONT
 Co addr : 5120 KILGORE LANE
 City : MUNCIE State: IN Zip: 47304
 Caller : MICKY NELSON Phone: (765)747-4879
 Contact : MICKY NELSON - CELL Phone:
 BestTime:
 Mobile : (765)808-1725
 Fax : (765)288-3347
 Email : MNELSON@MSDENG.COM

Remarks : All tickets are taken and processed on Eastern Daylight Time
 VECTREN GAS LINE HAS BEEN DAMAGED--GAS IS BLOWING CAN HEAR AND SMELL IT--LINE
 DAMAGED ON EAST SIDE OF PROPERTY--ORANGE PLASTIC APPROX 1 INCH--ADVISED TO CALL
 911--CREW IS ON SITE--DID ADVISE TO CALL VECTREN--PREVIOUS TICKET 1211110120--
 Will you be white-lining the dig site area? NO
 :

Submitted date: 11/12/2012 Time: 09:39
 Members: AEPIN ID1256 ID3347 ID4245 SBCIN

Member Name	Facility Types
AMERICAN ELECTRIC POWER	ELECTRIC
AT&T - DISTRIBUTION	COMMUNICATIONS
IN AMERICAN WATER MUNCIE	WATER
MUNCIE SANITARY DISTRICT ENGINEERING	
VECTREN - MUNCIE	GAS

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



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 11:06:00 AM



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 11:06:02 AM



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 11:06:04 AM



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 11:06:06 AM



Property of United States Infrastructure Corporation
Photo taken on 11/12/2012 11:07:24 AM