



Pipeline Safety Division Investigation Report

Investigation regarding: NIPSCO

UPPAC Database Record ID: 4578

Report Date: 9/16/2013

Investigator: Mike Orr

Damage Date: 3/25/2013 3:28:47 PM

Damage Address: 465 Logan Dr, North, Lake

The Parties

Excavator: NIPSCO

Address: 1300 Dakota Street, Gary, In 46403

Facility Owner: NIPSCO

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Distribution

Type of Equipment: Boring

Type of Work Performed: Electric

Damage Impact

Product Release: Yes

Ignition: No

Service Interruption: False

Number of Customers Affected: 0

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$

Excavator Activities/Cause of Damage Information:

Excavator Request Locates: Yes
3/18/2013

Indiana 811 Ticket Number: 1303141141

Original Start Date:

Locate Instructions: LOCATE FRONT AND BOTH SIDES OF PROPERTY LOCATE EAST SIDE OF BUILDING TO POLE 82533

Follow-Up Locate Instructions (if applicable):

Synopsis: Excavator struck and damaged an underground natural gas main while performing electric work.

Findings: Reported by Indiana 811; excavator's response to initial notice was received on 5/31/2013. Excavator had a valid locate ticket; however, the gas operator self reported a failure to provide facility locate markings.

Conclusion: There was a failure to provide facility locate markings.

Violation: IC 8-1-26-18(f) Operator failed to locate or provided incorrect locate markings.



150 West Market Street, Suite 600
Indianapolis, IN 46204

May 31, 2013

[Via Electronic Transmission – PipelineDamageCase@urc.in.gov](mailto:PipelineDamageCase@urc.in.gov)

Pipeline Safety Division – Case No. 4578
Indiana Utility Regulatory Commission
101 West Washington Street, Suite 1500 East
Indianapolis, Indiana 46204

RE: Investigation Request for Information; Pipeline Division Case No. 4578

To Whom It May Concern:

Attached please find Northern Indiana Public Service Company's ("NIPSCO") written information, and supporting documentation, relating to the following event:

Date of Event: 3/25/2013
Event Location: 465 Logan Dr
City: North
Facility Owner: Nipsco
Excavator: Nipsco
Other Party: N/A
Pipeline Division Case No. 4578

NIPSCO has reviewed its recovery and damage prevention files for this matter and has provided answers, when known, to the list of questions set forth in the Information Request. To the extent available, NIPSCO is also providing a copy of the Damage Information Report – Pipeline Safety Division previously submitted by NIPSCO to IURC Pipeline Safety as well as additional documentation relating to this Event Location.

Upon completion of the investigation, NIPSCO requests that it be provided with a copy of the Pipeline Division's Investigation Report with findings that will be forwarded to the Underground Plant Protection Advisory Committee. If there are any additional questions, please contact the undersigned.

Very truly yours,

Christopher C. (Kit) Earle
NiSource Corporate Services - Legal
Phone: 317-684-4904
Fax: 317-684-4918
Email: cearle@nisource.com

IURC INFORMATION REQUEST	
Pipeline Safety Division Case No. 4578	
Date of Event	3/25/2013
Event Location	465 Logan Dr
Event City	North
Facility Owner	Nipsco
Excavator	Nipsco
Date of IURC Information Request	May 1, 2013
THE PARTIES	
EXCAVATOR:	
BUSINESS NAME	NIPSCO
RESPONSIBLE PARTY PERSONAL NAME	
TITLE (IF ANY)	
ADDRESS	1300 Dakota Street
CITY/ STATE/ZIP	Gary / IN / 46403
PREFERRED TELEPHONE	(219)798-8881
CELL PHONE TELEPHONE	
EMAIL ADDRESS	
FACILITY INFORMATION - OWNER/OPERATOR OF UTILITY LINE:	
BUSINESS NAME	NORTHERN INDIANA PUBLIC SERVICE COMPANY
RESPONSIBLE PARTY PERSONAL NAME	LUKE SELKING
TITLE	
ADDRESS	1501 HALE AVENUE
CITY/STATE/ZIP	FORT WAYNE, IN 46802
PREFERRED TELEPHONE	260/439-1290
SECONDARY TELEPHONE	
EMAIL ADDRESS	LSELKING@NISOURCE.COM
LOCATOR SERVICE INFORMATION	
BUSINESS NAME	USIC
RESPONSIBLE PARTY PERSONAL NAME	Morgan Thompson
TITLE (IF ANY)	Claims Coordinator
ADDRESS	9045 N. River Rd. Suite 300
CITY/ STATE/ZIP	Indianapolis, IN 46240
PREFERRED TELEPHONE	1-317-538-7301
CELL PHONE TELEPHONE	Same
EMAIL ADDRESS	morganthompson@usicinc.com
OTHER (WITNESS, POLICE, FIRE, OTHER) INFORMATION	
PERSONAL CONTACT	
BUSINESS/ORGANIZATION NAME	
TITLE (IF ANY)	

ADDRESS	
CITY/ STATE/ZIP	
PREFERRED TELEPHONE	
CELL PHONE TELEPHONE	
EMAIL ADDRESS	
UTILITY LINE IMPACT	
LOCATION OF DAMAGE	
ADDRESS	465 Logan Drive
CITY/STATE/ZIP	Hammond / IN / 46320
NEAREST INTERSECTION	Sohl Avenue
PRODUCT TYPE (Select One)	
NATURAL GAS	X
LIQUID PIPELINE	
UNKNOWN/OTHER	
FACILITY TYPE (Select One)	
DISTRIBUTION	X
GATHERING	
SERVICE/DROP	
TRANSMISSION	
UNKNOWN/OTHER	
SIZE (DIAMETER/ETC.)	6"
PRESSURE (PSIG/INCHES)	
INTERRUPTION IN SERVICE (YES/NO)	N
NUMBER OF CUSTOMERS AFFECTED	0
EVACUATION (YES/NO)	Y
IF YES, HOW MANY EVACUATED	1
REPAIR COST (IF KNOWN) (\$)	
CAUSE OF DAMAGE INFORMATION:	
TYPE OF EQUIPMENT (Select One)	
Auger	
Backhoe/Trackhoe	
Boring/Drilling	X
Directional Drilling	
Explosives	
Farm Equipment	
Grader/Scraper	
Hand Tools	
Milling Equipment	
Probing Device	

Trencher	
Vacuum Equipment	
Unknown/Other	
TYPE OF WORK PERFORMED (Select One)	
Agriculture	
Cable TV	
Curb/Sidewalk	
Bldg. Construction	
Bldg. Demolition	
Drainage	
Driveway	
Electric	X
Engineering/Surveying	
Fencing	
Grading	
Irrigation	
Landscaping	
Liquid Pipeline	
Milling	
Natural Gas	
Pole	
Public Transit Authority	
Railroad Maintenance	
Road Work	
Sewer (Sanitary/Storm)	
Site Development	
Steam	
Storm Drain/Culvert	
Street Light	
Telecommunications	
Traffic Signal	
Traffic Sign	
Water	
Waterway Improvement	
Unknown/Other	
RELEASE OF PRODUCT (YES/NO)	Y
IGNITION AND/OR FIRE (YES/NO)	N
EXCAVATOR NOTIFY 811 (YES/NO)	Y - 1303251680
LOCATE INFORMATION:	
EXCAVATOR REQUEST LOCATE (YES/NO)	Y

INDIANA 811 LOCATE TICKET NUMBER	1303141141
LOCATE MARKS VISIBLE (YES/NO)	Y
LOCATE MARKS CORRECT (YES/NO)	N
EXCAVATOR "WHITE LINED" (YES/NO)	Y
MAPS USED TO MARK FACILITIES (YES/NO)	Y
OPERATOR EMPLOYEES ON-SITE DURING EXCAVATION (YES/NO)	Y
INCIDENT IMPACT INFORMATION	
NUMBER OF OUTPATIENT TREATED	0
NUMBER OF INPATIENT TREATED	0
NUMBER OF FATALITIES	0
FIRE DEPARTMENT RESPONSE (YES/NO)	Y
POLICE DEPARTMENT RESPONSE (YES/NO)	N/A
AMBULANCE RESPONSE (YES/NO)	N/A
ADDITIONAL INFORMATION/COMMENTS	
<p>Facility was not located or marked.</p> <p>Emergency ticket# 1303251686.</p>	

Facility: Transmission Lines; Folder: N/A; Assigned To: N/A

NIPSCO 00309 IUPPSa 03/14/2013 11:04:43 1303141141-00A NORM NEW STRT

NORMAL NOTICE

Ticket : 1303141141 Date: 03/14/2013 Time: 11:01 Oper: ANDY.FOX Chan:000

State: IN Cnty: LAKE Twp: NORTH
Cityname: HAMMOND Inside: Y Near: N
Subdivision:

Address : 465
Street : LOGAN DR
Cross 1 : SOHL AVE Within 1/4 mile: Y
Location: LOCATE FRONT AND BOTH SIDES OF PROPERTY LOCATE EAST SIDE OF BUILDING
TO POLE 82533
***Boring Where = UNDER LOGAN
:
Grids : 4137C8731D 4137D8730A 4137D8731D
Boundary: n 41.621042 s 41.618471 w -87.518980 e -87.513264

Work type : INSTALL NDRGRND ELEC
Done for : NIPSCO
Start date: 03/18/2013 Time: 11:15 Hours notice: 96/048 Priority: NORM
Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: N
Duration : 2 WEEKS Depth: 6 FEET

Company : NIPSCO Type: MEMB
Co addr : 1300 DAKOTA STREET
City : GARY State: IN Zip: 46403
Caller : ANDY FOX Phone: (219)798-8881
BestTime:

Remarks : All tickets are taken and processed on Eastern Daylight Time
Will you be white-lining the dig site area? YES
:

Submitted date: 03/14/2013 Time: 11:01
Members: COMCN IB ID6405 ID6428 ID8910 NIPSCO SM

Facility: Transmission Lines; Folder: N/A; Assigned To: N/A

NIPSCO 00551 IUPPSa 03/25/2013 15:28:47 1303251680-00A EMER DAMG STRT

DAMAGE SEE REMARKS

Ticket : 1303251680 Date: 03/25/2013 Time: 15:25 Oper: SHARRIS Chan:017

State: IN Cnty: LAKE Twp: NORTH
Cityname: HAMMOND Inside: Y Near: N
Subdivision:

Address : 465
Street : LOGAN DR
Cross 1 : SOHL AVE Within 1/4 mile: Y
Location: LOCATE FRONT AND BOTH SIDES OF PROPERTY LOCATE EAST SIDE OF BUILDING
TO POLE 82533

***Boring Where = UNDER LOGAN

:

Grids : 4137C8731D 4137D8730A 4137D8731D
Boundary: n 41.621042 s 41.618471 w -87.518980 e -87.513264

Work type : INSTALL UNDRGRND ELEC
Done for : NIPSCO
Start date: 03/25/2013 Time: 15:28 Hours notice: 0/000 Priority: EMER
Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: Y
Duration : 2 WEEKS Depth: 6 FEET

Company : NIPSCO Type: MEMB
Co addr : 1300 DAKOTA STREET
City : GARY State: IN Zip: 46403
Caller : AMBER FERGUSON Phone: (219)798-8881
BestTime:

Remarks : All tickets are taken and processed on Eastern Daylight Time
A NIPSCO GAS SERVICE LINE WAS DAMAGED ON THE SOUTH SIDE OF THE PROPERTY - GAS
LINE IS BLOWING - GAS CAN BE HEARD AND SMELLED - 5/8 INCH LINE - COLOR AND
MATERIAL UNKNOWN - CALLER HAS CALLED 911 - NIPSCO HAS BEEN NOTIFIED - CREW ON
SITE - PREVIOUS TICKET NUMBER 1303141141

Will you be white-lining the dig site area? YES

:

Submitted date: 03/25/2013 Time: 15:25
Members: COMCN IB ID6405 ID6428 ID8910 NIPSCO SM

Facility: Transmission Lines; Folder: N/A; Assigned To: N/A

NIPSCO 00553 IUPPSa 03/25/2013 15:31:49 1303251686-00A EMER NEW STRT

EMERGENCY SEE REMARKS

Ticket : 1303251686 Date: 03/25/2013 Time: 15:29 Oper: SHARRIS Chan:017

State: IN Cnty: LAKE Twp: NORTH
Cityname: HAMMOND Inside: Y Near: N
Subdivision:

Address : 465
Street : LOGAN DR
Cross 1 : S SOHL AVE Within 1/4 mile: Y
Location: LOCATE THE ENTIRE PROPERTY
:
Grids : 4137C8731D 4137D8730A 4137D8731D
Boundary: n 41.621042 s 41.618471 w -87.518980 e -87.513264

Work type : REPAIR GAS LINE
Done for : NIPSCO
Start date: 03/25/2013 Time: 15:30 Hours notice: 0/000 Priority: EMER
Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: Y
Duration : 1 DAY Depth: 6 FEET

Company : NIPSCO Type: MEMB
Co addr : 1300 DAKOTA STREET
City : GARY State: IN Zip: 46403
Caller : AMBER FERGUSON Phone: (219)798-8881
Contact : MATT GRAY - CELL Phone:
BestTime:
Mobile : (219)314-2967

Remarks : All tickets are taken and processed on Eastern Daylight Time
CREW EN ROUTE
Will you be white-lining the dig site area? NO
:

Submitted date: 03/25/2013 Time: 15:29
Members: COMCN IB ID6405 ID6428 ID8910 NIPSCO SM

**NORTHERN INDIANA PUBLIC SERVICE COMPANY
FACILITY DAMAGE REPORT**

** COMPLETE FORM FOR ALL DAMAGES TO NIPSCO FACILITIES **

REPORTING OPERATING AREA Hammond MAXIMO WO # _____

OPERATING AREA CONTACT _____ JOB ORDER # _____

TRACKING NUMBER 4510 LOCATE REF # _____

Locate Performed By: _____

DATE AND TIME OF ACCIDENT 3-25 ²⁰¹³ M DATE OF REPORT 3-26-13

PLACE OF DAMAGE (INCLUDE CITY) 465 Wilcox Court Hammond

DAMAGE WAS TO:

ELECTRIC - POLE / TRANSFORMER: # _____ SIZE _____ YEAR INSTALLED _____ BROKEN YES () NO ()

OTHER (DESCRIBE) _____

GAS: SERVICE () MAIN () SIZE 6" MATERIAL: PLASTIC () STEEL () METER () REG STATION () STUB ()
OTHER (DESCRIBE) _____

DEPTH OF FACILITY (inches) 5' PRESSURE (PSI) 45 Lbs.

RELEASE OF GAS: YES () NO () IGNITION OF GAS: YES () NO () EVACUATION REQUIRED: YES () # 1 NO ()

INTERRUPTION OF SERVICE: YES () NO () NUMBER OF CUSTOMERS LOST: 0

DURATION OF INTERRUPTION: TIME REPORTED 2:30 PM TIME RESTORED 3:00 PM

DIAMETER/MEASUREMENT OF HOLE IN GAS FACILITY: 1"

LOCATE MARKS ON SITE: YES () DISTANCE BETWEEN FACILITY AND LOCATE MARKS _____ NO ()
HOW LOCATED: PAINT () FLAGS () BOTH () WHITE LINED ()

PARTY THAT CAUSED DAMAGES (NAME) ALPSCO Gas Bvst. Bore CREW

ADDRESS OF PARTY (INCLUDE CITY) _____

WHO WAS IN CHARGE OF THE WORK SITE AT TIME OF DAMAGE Scott Herold

WITNESS NAME AND ADDRESS _____

WITNESS REMARKS _____

AGENCIES NOTIFIED / ONSITE: POLICE () AGENCY _____

FIRE () AGENCY _____

OTHER () _____

PHOTOS TAKEN: YES () NO () TAKEN BY: _____ Any Injuries? () YES # _____ () NO
MEDIA ON SITE YES () NO () (ATTACH PHOTOS TO REPORT)

WORK IN PROGRESS WHEN FACILITY DAMAGED - CHECK APPROPRIATE CHOICE BELOW

- | | | | |
|-------------------------|----------------|-------------------|--------------------------|
| () AGRICULTURE/FARMING | () CABLE TV | () CURB/SIDEWALK | () TELECOMMUNICATIONS |
| () BLDG CONSTRUCTION | () DEMOLITION | () DRAINAGE | () WATER |
| () DRIVEWAY | () ELECTRIC | () SURVEYING | () DRAINS/CULVERTS |
| () FENCING | () GRADING | () IRRIGATION | () MOWING |
| () LANDSCAPING | () PIPELINE | () MILLING | () OTHER <u>BORINGS</u> |
| () POLE/SIGN POST | () ROAD WORK | () SEWER | |

TYPE OF EQUIPMENT USED - CHECK APPROPRIATE CHOICE BELOW

- | | | |
|-----------------------|--------------------|-----------------------|
| () AUGER | () HAND TOOLS | () BACKHOE/TRACKHOE |
| () MILLING EQUIPMENT | () PROBING DEVICE | () BORING / DRILLING |
| () EXPLOSIVES | () TRENCHER | () FARM EQUIPMENT |
| () VACCUUM EQUIPMENT | () GRADER | () OTHER |

REASON DAMAGE OCCURRED - CHECK APPROPRIATE CHOICE BELOW

- | | | |
|-------------------------|-----------------------------------|----------------------------------|
| () AUTOMOTIVE ACCIDENT | () EXCAVATING BEFORE LOCATES DUE | () CARELESS MACHINE OPERATOR |
| () NO NOTIFICATION | () MARKS DISTURBED | () OTHER <u>MAIN NOT MARKED</u> |

SEE REVERSE SIDE FOR COMMENTS AND DIAGRAM

Fact Based Investigation Report

Notification ID 01820130325007
Damage Date 03/25/2013 15:28
Notified By AMBER FERGUSON ()
Damage Address 465 LOGAN DR
HAMMOND, IN
District Northern Indiana
Notification Date 03/25/2013 15:30

Damaged Customer NIPSCO

Investigation Date From 03/26/2013 09:30:00 **To** 03/26/2013 10:00:00

Excavator Involved NIPSCO
Type of Excavation Installing electric

Orig. Locate Request 1303141141 **Start Date**
Type of Ticket **Locate Req. Info** N/A

Damage Request # 1303251680 **Start Date** 03/25/2013 15:25

Pictures Taken By Bob Anderson **Date** 03/26/2013 09:40
Photography Type Digital **Frame #** 1

Investigator Emp. # 117382 **Investigator Name** Bob Anderson
Based on your investigation, is further investigation needed? Possibly

Fact Based Investigation Customer Information

Facility Description High Profile **Facility ID** main - 6"

Locator Name & EMP # Johnson Vince - 118013 **Locator Not Known**

Investigation Findings

Other

Other Notes

Not clearly marked for current work

Investigation Methods

Investigation Results Verified By Utility Representative
Investigator Verified Existing Marks By Hooking Up
Visual, Facility Exposed At Time Of Investigation

Investigator Statement/Causal Factors

I did a follow up investigation the morning after the damage and was met on site by Gary Seely & Rob Hayward from Nipsco damage prevention. Vince Johnson was also there and told them the reason that the line was not marked is because he was told by a Nipsco employee from the Hammond district that it was abandon and the 2" plastic is the only live one there. It turns out that the 2" is a privately owned line by the apartment complex and all the services tie into this one only. There were some old markings in the parking lot on the 6" but there were cars parked on them and the crew did not see any. Vince had no documentation of who told him it was abandon and after further discussions with Gary Seely I was told that there isn't much more to go on and we most likely will have to cover the cost of this one.

Names of Utility Representatives Contacted or on Site and Statement

Gary Seely & Rob Hayward helped with investigation.

Names of Excavator's Representatives Contacted or on Site and Statement

N/A

Other individuals on site

N/A

Were any markings visible on the damage site upon arrival?	No
Were any other indicators of facility present in the area?	Yes
Was the excavation within the tolerance zone of marks?	No
Extent of facility damage	Bored into 6" med pressure steel main
Replacement Footage	About 6ft
Was contractor assistance required? If yes, who?	Yes
What contractor equipment was used?	Backhoe
Is the facility shown on the utility records?	Yes
If yes, list record numbers	Nipsco Gas prints/Hammond area

Hit Main 465 Willow Ct.

- Original Locate # 1303141141
- Emergency Locate # 1304152285
- Tracking #01829130325007
- Damage # 1303251680
- Time Reported 2:20 PM
- Crew on Site 2:35 PM
- Gas Stopped
- 6" Steel Main
- Gas Restored 3:00 AM

INCIDENT ALERT/ ROOT CAUSE ANALYSIS

Department: Monticello Gas C&M **Address:** 465 Willow Ct. Hammond, IN

Damage Facility: 3/4" Gas Main **Date/Time of Incident:** 3/25/2013/2:20pm

Supervisor: Dave Prather

Description of Incident: NIPSCO Electric Line Dept was installing buried electric to address. locates on site showed private facilities an not the 6" main at location. Line crew struck the 6" main with the drill rig approximately 5' from the located 3" private facility they had pot holed . No visible gas locates were near damage location.

• **Causal Factors:**

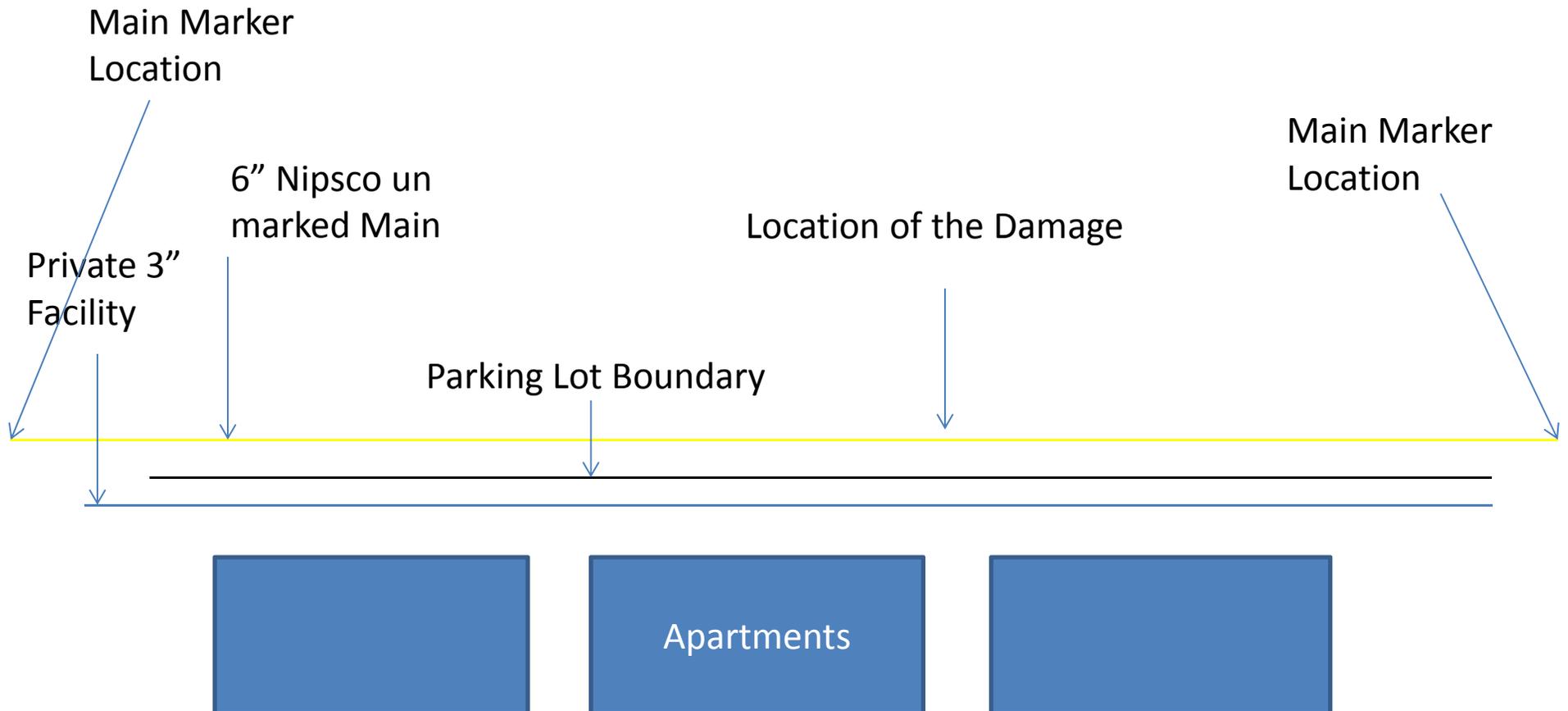
1. Employee was attempting to drill new electric line service.
2. Employee noticed the located the 3" private facility and pot holed according to procedure.
3. Employee was qualified on equipment.
4. The GIS had shown this main in the area of the hit.
5. The locator failed to verify information provided on the GIS.

Root Cause; Maps and records had shown this main to be in it's location on the property. The locator failed to tone in the area of the 6" main. The locator failed to use GIS information to confirm the main's location.

Corrective Actions:

1. Lesson's Learned Log has been created and Locate Technician has been advise to verify all GIS data.
2. NIPSCO to install main markers on this privately owned facility.

- Diagram Of Damage & Location





Property of United States Infrastructure Corporation
Photo taken on 3/26/2013 9:46:12 AM



150 West Market Street, Suite 600
Indianapolis, IN 46204

May 31, 2013

[Via Electronic Transmission – PipelineDamageCase@urc.in.gov](mailto:PipelineDamageCase@urc.in.gov)

Pipeline Safety Division – Case No. 4578
Indiana Utility Regulatory Commission
101 West Washington Street, Suite 1500 East
Indianapolis, Indiana 46204

RE: Notification of Preliminary Determination of Violation
Date of Event: 3/25/2013
Event Location: 465 Logan Dr., North
Facility Owner: Northern Indiana Public Service Company
Excavator: Northern Indiana Public Service Company
Other Party: N/A
Pipeline Division Case No. 4578

To Whom It May Concern:

In response to the Notice of Preliminary Determination dated May 1, 2013, as detailed above, please refer to Northern Indiana Public Service Company's ("NIPSCO") facility owner response in Case No. 4578. All relevant documents, including both NIPSCO's operator records relevant to the damage as well as information that addresses the potential statutory violation by NIPSCO as an excavator are attached to that response.

Upon completion of the investigation, NIPSCO requests that it be provided with a copy of the Pipeline Division's Investigation Report with findings that will be forwarded to the Underground Plant Protection Advisory Committee. If there are any additional questions, please contact me.

Very truly yours,

Christopher C. (Kit) Earle
NiSource Corporate Services - Legal
Phone: 317-684-4904
Fax: 317-684-4918
Email: cearle@nisource.com