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Who does 811 protect? Damage Prevention Stakeholders

- Excavator
- Facility Operator
- Public
- Locators
- Government Officials
- Emergency Responders
- One Call Center

Good News South Dakota!

- Gas excavation damages didn't kill anyone in 2024!
- Also did not cause any major events or explosions.

Bad News! - 457 Gas Excavation Damages in 2024 (South Dakota)

24% One Call Practices

- No notification made to 811
- Excavator dug after ticket expired

16% Locating Practices

 Locator error in marking facility – either not marked, marked incorrectly, or not marked completely

58% Excavation Practices

- Excavator failed to maintain clearance after verifying marks
- Excavator dug prior to verifying marks
- 2% Other



Excavation Damages Summary 2024

Operator	Number of Excavation Tickets	Damages		_	Locating Issues		Damages / 1000 locates
Crooks	534	0	0	0	0	0	0.00
Garretson	315	0	0	0	0	0	0.00
Humboldt	568	1	0	1	0	0	1.76
MDU	26064	142	54	72	16	0	5.45
MEC	44711	205	36	133	33	3	4.59
NorthWestern	23750	93	18	48	26	1	3.92
Watertown	4175	17	2	9	0	6	4.07
TOTAL 2024	100117	458	110	263	75	10	4.57

	Excavation	Excavation Damages	One-Call	Locating Practices Not		of Other	Ratio - Damage per 1000 tickets
Total 2023	103,757	427	99	81	231	16	4.12
Total 2022	110,405	489	125	83	257	24	4.43
Total 2021	107,092	516	92	92	317	14	4.82
Total 2020	105,915	528	128	56	319	25	4.99
2019 Total	92,849	420	85	53	261	21	4.5
2018 Total	86,505	415	83	48	262	22	4.8
2017 Total	93,530	383	44	45	267	27	4.1
2016 Total	87,179	404	55	49	249	51	4.6
2015 Total	89,558	339	38	58	219	24	3.8

made to One Call Center / 811	outside area described on	dug prior to valid start	dug after valid ticket	Excavator provided incorrect notification information
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
33	6	5	9	1
26	1	3	6	0
17	0	0	0	1
1	0	0	0	1
77	7	8	15	3

prior to verifying marks by test-	to maintain clearance after	to protect / shore / support	backfilling	or not	Improper excavation practice not listed above
0	0	0	0	0	0
0	0	0	0	0	0
0	1	0	0	0	0
14	34	4	1	10	9
45	65	6	1	9	7
5	20	6	3	14	0
0	4	1	0	1	3
64	124	17	5	34	19

marked due	marked due to Incorrect facility records	marked	response from operator / contract	Incomplete marks at damage	due to	marked due to Unlocatable facility	inaccurately due to	inaccurately due to Incorrect facility records /	marked inaccurately due to Locator	Facility marked inaccurately due to Tracer wire issue
0	0	С	0	0	O	0	O	С	0	0
0	0	С	0	0	O	0	O	С	0	0
0	0	C	0	0	O	0	0	C	0	О
0	1	7	, o	1	O	0	O	2	. 5	0
0	3	ϵ	1	3	2	2	O	1	. 12	3
0	2	12	0	5	0	0	O	C	6	1
0	0	С	0	0	C	0	C	C	0	0
0	6	25	1	9	2	2	0	3	23	4

24 excavating companies involved with 36% of the damages (each had 4 or more damages)

- 75% excavation practice
- 11% notification issues
- 14% locate issues

15 excavating companies involved with 28% of damages
6 excavating companies involved with 15% of the damages – (9 or more)

811 Excavation Damage Enforcement

- South Dakota has inadequate rating
- Importance of Using the Enforcement Process the public is represented by enforcement of the law.
- Only 11 gas damages had complaints filed in 2024.
- None of the excavators involved with 5 or more damages had complaints filed. Why?

Excavators at Fault

- Site Works 15
- Pro Underground 12
 First Rate 7
- Underground Solutions 11 Alliance Construction 7
- Runge 9
- Heavy Constructors 8
- Soukup 8

- Zacharias 7

- RCS -7
- ASCO 7



§192.614 Damage prevention program

- (a) ...each operator of a buried pipeline must carry out, in accordance with this section, a written program to prevent damage to that pipeline from excavation activities. For the purposes of this section, the term "excavation activities" includes excavation, blasting, boring, tunneling, backfilling, the removal of above ground structures by either explosive or mechanical means, and other earthmoving operations.
- (b) An operator may comply with any of the requirements of paragraph (c) of this section through participation in a public service program, such as a one-call system, but such participation does not relieve the operator of responsibility for compliance with this section. However, an operator must perform the duties of paragraph (c)(3) of this section through participation in a one-call system,

§192.614 Damage prevention program (cont.)

- (c) The damage prevention program required by paragraph (a) of this section must, at a minimum:
 - (1) Include the identity, on a current basis, of persons who normally engage in excavation activities in the area in which the pipeline is located.
 - (2) Provides for notification of the public in the vicinity of the pipeline and actual notification of the persons identified in paragraph (c)(1) of this section of the following as often as needed to make them aware of the damage prevention program:
 - (i) The program's existence and purpose; and
 - (ii) How to learn the location of underground pipelines before excavation activities are begun.
 - (3) Provide a means of receiving and recording notification of planned excavation activities.
 - (4) If the operator has buried pipelines in the area of excavation activity, provide for actual notification of persons who give notice of their intent to excavate of the type of temporary marking to be provided and how to identify the markings.
 - (5) Provide for temporary marking of buried pipelines in the area of excavation activity before, as far as practical, the activity begins.
 - (6) Provide as follows for inspection of pipelines that an operator has reason to believe could be damaged by excavation activities:
 - (i) The inspection must be done as frequently as necessary during and after the activities to verify the integrity of the pipeline; and
 - (ii) In the case of blasting, any inspection must include leakage surveys.

Locates

- Locators work for the facility operator.
- Errors in locating are responsibility of the operator.
- What are you doing about locating errors?
 - OQ qualification revoked
 - Training
 - Performance evaluation / discipline actions
- Don't be the cause of excavation damage!
- Operators are responsible for timely and accurate locates.



How Can We Do Better?

- Communicating Effectively and Timely
- Collaborating Partnering and Supporting
- Education Employee and Public
- Enforcement of the 811 laws including filing complaints and requesting penalties as appropriate
- Technology embrace the opportunities
- Analysis of data to drive improvement incorporate data into DIMP



Working with Excavators - 2025 Challenge for South Dakota

• If an excavator has caused damage on your facilities more than once, document all communication with that excavator and all efforts to ensure that damage doesn't continue to occur.

April Excavation Damages

• PHMSA wants to follow-up with all excavation damages due to "no locate ticket" in the month of April.

One Call Notification

 How can you ensure people know to call 811?

IDEAS?

 What ideas do you have for reducing excavation damages?



Must Report All Facility Damages to 811

SDCL 49-7A-12



Flammable, toxic, or corrosive SDCL 49-7A-12

Question?

Thank you!

