

## MEMORANDUM

TO: **File No. GW-2010-0120**

FROM: Dale W. Johansen  
MO PSC Natural Gas Pipeline Safety Staff  
*/s/ Dale W. Johansen*

SUBJECT: Summary of Facility Damages, Excavation Notifications & Survey Responses and Underground Facility Damage Assessment Survey

DATE: January 4, 2010

The purpose of this Memorandum and the attached document is to notify the Commission and interested underground facility damage prevention stakeholders of the following:

- (1) Summaries of the facility damage and excavation notification information that the Staff obtained through responses to the Underground Facility Damage Assessment Survey (Survey) sent to Commission-regulated electric, sewer, telecommunications and water utilities on 08/17/09;
- (2) Summaries of the facility damage and excavation notification information that Commission-regulated natural gas distribution operators provide annually to the Staff; and
- (3) Summaries of the general nature of the responses to the Survey.

Numbered pages 1 – 3 of the attached document include summaries of the facility damage information provided by the above-referenced utilities for calendar years 2006, 2007 & 2008, and a 3-year average of the information.

Numbered page 4 of the attached document includes summaries of the excavation notification information provided by the above-referenced utilities for calendar years 2006, 2007 & 2008, and a 3-year average of the information.

Numbered pages 5 – 8 of the attached document include summaries regarding the general nature of the responses to the Survey, with the summaries presented in a manner such that the respondents cannot be identified by name.

The last page of the attached document is a copy of the Survey.

Attachment: Summary of Facility Damages, Excavation Notifications & Survey Responses and Underground Facility Damage Assessment Survey

**Summary of Facility Damages, Excavation Notifications & Survey Responses and Underground Facility Damage Assessment Survey**

**Excavation Damages Experienced - All Types of PSC Jurisdictional Operators**

Type of Operator	Situation Description	CY2006		CY2007		CY2008		3-Year Average		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<b>Electric</b>	Excavator did not submit request for facility locates before beginning work.	331	47.29%	249	49.40%	317	52.40%	299	49.59%	
	Locate markings were provided before the work began and were provided accurately.	239	34.14%	168	33.33%	219	36.20%	209	34.60%	
	Locate markings provided before work began but were lost or destroyed during excavation.	39	5.57%	24	4.76%	13	2.15%	25	4.20%	
	<b>Sub-Total Excavator Related</b>	<b>609</b>	<b>87.00%</b>	<b>441</b>	<b>87.50%</b>	<b>549</b>	<b>90.74%</b>	<b>533</b>	<b>88.39%</b>	
	Locate markings were provided before the work began but were not provided accurately.	69	9.86%	52	10.32%	49	8.10%	57	9.40%	
	Excavator submitted request for facility locates before beginning work but locate was not done.	22	3.14%	11	2.18%	7	1.16%	13	2.21%	
	<b>Sub-Total Utility Related</b>	<b>91</b>	<b>13.00%</b>	<b>63</b>	<b>12.50%</b>	<b>56</b>	<b>9.26%</b>	<b>70</b>	<b>11.61%</b>	
	<b>Total Damages</b>	<b>700</b>	<b>100.00%</b>	<b>504</b>	<b>100.00%</b>	<b>605</b>	<b>100.00%</b>	<b>603</b>	<b>100.00%</b>	
	<b>Natural Gas</b>	Excavator did not submit request for facility locates before beginning work.	843	29.94%	885	26.97%	673	30.74%	800	28.98%
		Locate markings were provided before the work began and were provided accurately.	1,271	45.13%	1,125	34.29%	983	44.91%	1,126	40.78%
Locate markings provided before work began but were lost or destroyed during excavation.		78	2.77%	175	5.33%	31	1.42%	95	3.43%	
<b>Sub-Total Excavator Related</b>		<b>2,192</b>	<b>77.84%</b>	<b>2,185</b>	<b>66.60%</b>	<b>1,687</b>	<b>77.07%</b>	<b>2,021</b>	<b>73.18%</b>	
Locate markings were provided before the work began but were not provided accurately.		523	18.57%	493	15.03%	415	18.96%	477	17.27%	
Excavator submitted request for facility locates before beginning work but locate was not done.		101	3.59%	603	18.38%	87	3.97%	264	9.55%	
<b>Sub-Total Utility Related</b>		<b>624</b>	<b>22.16%</b>	<b>1,096</b>	<b>33.40%</b>	<b>502</b>	<b>22.93%</b>	<b>741</b>	<b>26.82%</b>	
<b>Total Damages</b>	<b>2,816</b>	<b>100.00%</b>	<b>3,281</b>	<b>100.00%</b>	<b>2,189</b>	<b>100.00%</b>	<b>2,762</b>	<b>100.00%</b>		

**Excavation Damages Experienced - All Types of PSC Jurisdictional Operators**

Type of Operator	Situation Description	CY2006		CY2007		CY2008		3-Year Average	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Sewer</b>	Excavator did not submit request for facility locates before beginning work.	0	n/a	0	n/a	1	100.00%	0.33	100.00%
	Locate markings were provided before the work began and were provided accurately.	0	n/a	0	n/a	0	0.00%	0.00	0.00%
	Locate markings provided before work began but were lost or destroyed during excavation.	0	n/a	0	n/a	0	0.00%	0.00	0.00%
	<b>Sub-Total Excavator Related</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>n/a</b>	<b>1</b>	<b>100.00%</b>	<b>0.33</b>	<b>100.00%</b>
	Locate markings were provided before the work began but were not provided accurately.	0	n/a	0	n/a	0	0.00%	0.00	0.00%
	Excavator submitted request for facility locates before beginning work but locate was not done.	0	n/a	0	n/a	0	0.00%	0.00	0.00%
	<b>Sub-Total Utility Related</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00%</b>
<b>Total Damages</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>n/a</b>	<b>1</b>	<b>100.00%</b>	<b>0.33</b>	<b>100.00%</b>	
<b>Telecommunications</b>	Excavator did not submit request for facility locates before beginning work.	1,829	26.37%	2,041	38.83%	2,047	43.95%	1,972	35.12%
	Locate markings were provided before the work began and were provided accurately.	3,525	50.82%	1,659	31.56%	1,369	29.39%	2,184	38.89%
	Locate markings provided before work began but were lost or destroyed during excavation.	1,076	15.51%	1,131	21.52%	972	20.87%	1,060	18.87%
	<b>Sub-Total Excavator Related</b>	<b>6,430</b>	<b>92.70%</b>	<b>4,831</b>	<b>91.91%</b>	<b>4,388</b>	<b>94.20%</b>	<b>5,216</b>	<b>92.87%</b>
	Locate markings were provided before the work began but were not provided accurately.	224	3.23%	214	4.07%	114	2.45%	184	3.28%
	Excavator submitted request for facility locates before beginning work but locate was not done.	282	4.07%	211	4.01%	156	3.35%	216	3.85%
	<b>Sub-Total Utility Related</b>	<b>506</b>	<b>7.30%</b>	<b>425</b>	<b>8.09%</b>	<b>270</b>	<b>5.80%</b>	<b>400</b>	<b>7.13%</b>
<b>Total Damages</b>	<b>6,936</b>	<b>100.00%</b>	<b>5,256</b>	<b>100.00%</b>	<b>4,658</b>	<b>100.00%</b>	<b>5,617</b>	<b>100.00%</b>	

**Excavation Damages Experienced - All Types of PSC Jurisdictional Operators**

Type of Operator	Situation Description	CY2006		CY2007		CY2008		3-Year Average		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
<b>Water</b>	Excavator did not submit request for facility locates before beginning work.	803	29.38%	809	24.66%	653	27.56%	755	27.02%	
	Locate markings were provided before the work began and were provided accurately.	1,117	40.87%	1,201	36.60%	1,002	42.30%	1,107	39.60%	
	Locate markings provided before work began but were lost or destroyed during excavation.	80	2.93%	170	5.18%	51	2.15%	100	3.59%	
	<b>Sub-Total Excavator Related</b>	<b>2,000</b>	<b>73.18%</b>	<b>2,180</b>	<b>66.44%</b>	<b>1,706</b>	<b>72.01%</b>	<b>1,962</b>	<b>70.21%</b>	
	Locate markings were provided before the work began but were not provided accurately.	553	20.23%	501	15.27%	450	19.00%	501	17.94%	
	Excavator submitted request for facility locates before beginning work but locate was not done.	180	6.59%	600	18.29%	213	8.99%	331	11.85%	
	<b>Sub-Total Utility Related</b>	<b>733</b>	<b>26.82%</b>	<b>1,101</b>	<b>33.56%</b>	<b>663</b>	<b>27.99%</b>	<b>832</b>	<b>29.79%</b>	
	<b>Total Damages</b>	<b>2,733</b>	<b>100.00%</b>	<b>3,281</b>	<b>100.00%</b>	<b>2,369</b>	<b>100.00%</b>	<b>2,794</b>	<b>100.00%</b>	
	<b>All Types of Operators</b>	Excavator did not submit request for facility locates before beginning work.	3,806	28.87%	3,984	32.33%	3,691	37.58%	3,827	32.50%
		Locate markings were provided before the work began and were provided accurately.	6,152	46.66%	4,153	33.70%	3,573	36.38%	4,626	39.28%
Locate markings provided before work began but were lost or destroyed during excavation.		1,273	9.65%	1,500	12.17%	1,067	10.86%	1,280	10.87%	
<b>Sub-Total Excavator Related</b>		<b>11,231</b>	<b>85.18%</b>	<b>9,637</b>	<b>78.21%</b>	<b>8,331</b>	<b>84.82%</b>	<b>9,733</b>	<b>82.65%</b>	
Locate markings were provided before the work began but were not provided accurately.		1,369	10.38%	1,260	10.23%	1,028	10.47%	1,219	10.35%	
Excavator submitted request for facility locates before beginning work but locate was not done.		585	4.44%	1,425	11.56%	463	4.71%	824	7.00%	
<b>Sub-Total Utility Related</b>		<b>1,954</b>	<b>14.82%</b>	<b>2,685</b>	<b>21.79%</b>	<b>1,491</b>	<b>15.18%</b>	<b>2,043</b>	<b>17.35%</b>	
<b>Total Damages</b>	<b>13,185</b>	<b>100.00%</b>	<b>12,322</b>	<b>100.00%</b>	<b>9,822</b>	<b>100.00%</b>	<b>11,776</b>	<b>100.00%</b>		

**Excavation Notifications Received - All Types of PSC Jurisdictional Operators**

Type of Operator	Source of Notification	CY2006		CY2007		CY2008		3-Year Average	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Electric</b>	Through Missouri One Call	781,608	99.93%	786,609	99.93%	753,671	99.93%	773,963	99.93%
	Direct to Operator	579	0.07%	561	0.07%	516	0.07%	552	0.07%
	<b>TOTALS</b>	<b>782,187</b>	<b>100.00%</b>	<b>787,170</b>	<b>100.00%</b>	<b>754,187</b>	<b>100.00%</b>	<b>774,515</b>	<b>100.00%</b>
<b>Natural Gas</b>	Through Missouri One Call	521,814	99.94%	546,412	99.95%	512,340	99.94%	526,855	99.94%
	Direct to Operator	326	0.06%	276	0.05%	322	0.06%	308	0.06%
	<b>TOTALS</b>	<b>522,140</b>	<b>100.00%</b>	<b>546,688</b>	<b>100.00%</b>	<b>512,662</b>	<b>100.00%</b>	<b>527,163</b>	<b>100.00%</b>
<b>Sewer</b>	Through Missouri One Call	2,188	100.00%	1,468	100.00%	1,391	100.00%	1,682	100.00%
	Direct to Operator	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	<b>TOTALS</b>	<b>2,188</b>	<b>100.00%</b>	<b>1,468</b>	<b>100.00%</b>	<b>1,391</b>	<b>100.00%</b>	<b>1,682</b>	<b>100.00%</b>
<b>Telecommunications</b>	Through Missouri One Call	566,806	99.70%	591,998	99.79%	701,173	99.83%	619,992	99.78%
	Direct to Operator	1,689	0.30%	1,261	0.21%	1,202	0.17%	1,384	0.22%
	<b>TOTALS</b>	<b>568,495</b>	<b>100.00%</b>	<b>593,259</b>	<b>100.00%</b>	<b>702,375</b>	<b>100.00%</b>	<b>621,376</b>	<b>100.00%</b>
<b>Water</b>	Through Missouri One Call	526,458	99.94%	552,241	99.95%	518,000	99.94%	532,233	99.94%
	Direct to Operator	319	0.06%	276	0.05%	325	0.06%	307	0.06%
	<b>TOTALS</b>	<b>526,777</b>	<b>100.00%</b>	<b>552,517</b>	<b>100.00%</b>	<b>518,325</b>	<b>100.00%</b>	<b>532,540</b>	<b>100.00%</b>
<b>All Types of Operators</b>	Through Missouri One Call	2,398,874	99.88%	2,478,728	99.90%	2,486,575	99.90%	2,454,726	99.90%
	Direct to Operator	2,913	0.12%	2,374	0.10%	2,365	0.10%	2,551	0.10%
	<b>TOTALS</b>	<b>2,401,787</b>	<b>100.00%</b>	<b>2,481,102</b>	<b>100.00%</b>	<b>2,488,940</b>	<b>100.00%</b>	<b>2,457,276</b>	<b>100.00%</b>

**Responses to Underground Facility Damages Survey - PSC Jurisdictional Operators Excluding Natural Gas Operators**

Type of Utility	Respondents	Notes
<b>Electric</b>	Respondent 1	reported locate requests for all years (from MOCS only) - reported all types of damages for all years except did not report any "lost/destroyed markings" damages or any "locate not done" damages
	Respondent 2	reported locate requests for all years (from MOCS only) - reported "accurately marked" damages for all years but nothing else
	Respondent 3	reported locate requests for all years (from MOCS only) - reported zero damages for all years
	Respondent 4	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 5	reported locate requests for all years (from MOCS only) - reported some types of "excavator related" damages for all years but no "utility related" damages
	Respondent 6	reported locate requests for all years (from MOCS only) - reported all types of damages for all years except did not report any "locate not done" damages
	Respondent 7	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 8	reported that no data is kept regarding either locate requests or damages
	Respondent 9	reported locate requests for all years (from MOCS only) - reported "no call before digging" damages for CY2006 & CY2007 and zero damages otherwise
	Respondent 10	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 11	reported locate requests for all years (from MOCS only) - reported all types of damages for all years
	Respondent 12	reported locate requests for all years (from MOCS only) - reported no info available for damages for all years
	Respondent 13	reported locate requests for all years (from MOCS only) - reported all types of damages for all years
	Respondent 14	reported locate requests for all years (from MOCS & excavators) - reported zero damages for all years
	Respondent 15	reported locate requests for all years (from MOCS & excavators) - reported "no call before digging" damages for all years and zero damages otherwise
	Respondent 16	reported locate requests for all years (from MOCS only) - did not report anything regarding damages
	Respondent 17	reported locate requests for all years (from MOCS only) - did not report anything regarding damages
	Respondent 18	reported locate requests for all years (from MOCS & excavators) - reported zero damages for all years
	Respondent 19	reported locate requests for all years (from MOCS only) - reported "no call before digging" damages for CY2006 and zero damages otherwise
	Respondent 20	reported locate requests for all years (from MOCS only) - reported zero damages for all years
	Respondent 21	reported locate requests for all years (from MOCS & excavators) - reported "excavator related" damages for all years and zero "utility related" damages for all years
	Respondent 22	reported locate requests for all years (from MOCS & excavators) - reported zero damages for CY2006 - reported only "locate not done" damages for CY2007 and only "no call before digging" damages for CY2008

**Responses to Underground Facility Damages Survey - PSC Jurisdictional Operators Excluding Natural Gas Operators**

Type of Utility	Respondents	Notes
<b>Sewer</b>	Respondent 1	reported zero locate requests for all years - reported zero damages for all years
	Respondent 2	reported locate requests for all years (from MOCS only) - reported "no call before digging" damages in CY2008 and zero damages otherwise
	Respondent 3	company recently established and information thus not available for requested years
	Respondent 4	reported zero locate requests for all years - reported zero damages for all years
	Respondent 5	reported locate requests for all years (from MOCS only) - reported zero damages for all years
	Respondent 6	reported locate requests for all years (from MOCS only) - reported zero damages for all years
	Respondent 7	reported locate requests for all years (from MOCS only) - reported zero damages for all years
<b>Telecommunications</b> (facility-based companies)	Respondent 1	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 2	reported locate requests for all years (from MOCS & excavators) - reported zero damages for all years
	Respondent 3	reported locate requests for all years (from MOCS & excavators) - reported zero damages for all years
	Respondent 4	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 5	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 6	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 7	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 8	reported N/A for locate requests for all years - reported some types of damages for all years
	Respondent 9	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 10	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 11	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 12	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 13	reported locate requests for CY2008 only (from MOCS only) - reported N/A for damages except reported total damages for CY2008 - noted that CY2008 damages do not include damages caused by local/county/state road maintenance activities - CY2008 damages included in "no call before digging" category for purposes of summary
	Respondent 14	reported N/A for locate requests for all years - reported zero damages for all years
	Respondent 15	reported N/A for locate requests for all years - reported "accurately marked" damages for CY2008 but nothing else regarding damages
	Respondent 16	reported locate requests for all years (from MOCS only) - reported zero damages for all years
	Respondent 17	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 18	reported locate requests for all years (from MOCS & excavators) - reported "no call before digging" damages for CY2007 but zero damages otherwise

**Responses to Underground Facility Damages Survey - PSC Jurisdictional Operators Excluding Natural Gas Operators**

Type of Utility	Respondents	Notes
Telco cont'd.	Respondent 19	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for CY2007 only
	Respondent 20	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 21	reported locate requests for CY2007 & CY2008 (from MOCS only) - reported zero damages for all years
	Respondent 22	reported locate requests for all years (from MOCS only) - reported N/A for damages for CY2006 & CY2007 - reported only "no call before digging" damages for CY2008
	Respondent 23	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 24	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 25	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 26	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 27	reported locate requests for all years (from MOCS only) - reported estimate of "no call before digging" damages only
	Respondent 28	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 29	reported locate requests for all years (from MOCS only) - reported zero damages for all years
	Respondent 30	reported locate requests for all years (from MOCS & excavators) - reported estimate of damages for all years
	Respondent 31	reported no information available for either locate requests or facility damages
	Respondent 32	reported locate requests for all years (from MOCS only) - reported N/A for damages for CY2006 & CY2007 and reported only "no call before digging" damages for CY2008
	Respondent 33	reported locate requests for CY2008 only (from MOCS only) - reported damages for CY2008 only
	Respondent 34	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 35	reported no information available for either locate requests or facility damages
	Respondent 36	reported locate requests for all years (from MOCS & excavators) - reported "no call before digging" damages for CY2008 and zero damages otherwise
	Respondent 37	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 38	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
	Respondent 39	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 40	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 41	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 42	reported locate requests for all years (from MOCS only) - reported some types of damages for all years
Respondent 43	reported locate requests for all years (from MOCS & excavators) - reported zero damages for CY2006 - reported only "no call before digging" and "accurately marked" damages for CY2007 - reported only "no call before digging" damages for CY2008	
Respondent 44	reported locate requests for all years (from MOCS only) - reported only "accurately marked" damages for CY2006, only "inaccurately marked" damages for CY2007, and zero damages otherwise	

**Responses to Underground Facility Damages Survey - PSC Jurisdictional Operators Excluding Natural Gas Operators**

Type of Utility	Respondents	Notes
<b>Telco cont'd.</b>	Respondent 45	reported locate requests for all years (from MOCS only) - reported zero damages for all years
	Respondent 46	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 47	reported locate requests for all years (from MOCS & excavators) - reported "no call before digging" damages for all years and zero damages otherwise
	Respondent 48	reported locate requests for all years (from MOCS & excavators) - reported some types of "excavator-related" damages for all years and zero "utility related" damages for all years
	Respondent 49	reported locate requests for all years (from MOCS only) - reported N/A for damages for all years
	Respondent 50	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 51	reported locate requests for all years (from MOCS only) - reported all types of damages for all years except did not report any "lost/destroyed markings" or "locate not done" damages
	Respondent 52	reported N/A for locate requests for CY2006 - reported locate requests for CY2007 & CY2008 (from MOCS only) - reported zero damages for all years
	Respondent 53	reported locate requests for all years (from MOCS & excavators) - reported some types of damages for all years
	Respondent 54	reported locate requests for all years (from MOCS only) - reported N/A for damages for CY2006 - reported some types of damages for other years
<b>Water</b>	Respondent 1	reported zero locate requests for all years - reported zero damages for all years
	Respondent 2	reported locate requests for all years (from MOCS only) - reported "none" re: damages for all years
	Respondent 3	reported receiving locate requests for all years (from MOCS only) but did not provide number of requests - reported zero damages for all years
	Respondent 4	reported N/A for both locate requests and damages for all years
	Respondent 5	reported locate requests for all years (from MOCS & excavators) - reported all types of damages for all years
	Respondent 6	reported N/A for both locate requests and damages for CY2006 - reported locate requests for CY2007 and CY2008 (from MOCS only) - reported zero damages for CY2007 & CY2008
	Respondent 7	reported locate requests for all years (from MOCS only) - reported no info kept regarding facility damages
	Respondent 8	reported N/A for both locate requests and damages for CY2006 - reported receiving locate requests in CY2007 and CY2008 (from MOCS only) but did not provide number of requests - reported some types of damages for CY2007 & CY2008
	Respondent 9	reported locate requests for all years (from MOCS & excavators) - reported damages for all years except reported N/A for "lost/destroyed markings" and "locate not done" damages
	Respondent 10	reported locate requests for all years (from MOCS only) - reported N/A for damages for CY2006 & CY2007 - reported only "no call before digging" and "accurately marked" damages for CY2008

## Underground Facility Damage Assessment Survey

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The purpose of this survey is to gather basic information regarding facility damages that occurred during excavation activities. Company-specific information will remain confidential. Please respond to the survey no later than October 2, 2009, and please send your response to Bob Leonberger of the Commission Staff by e-mail at [bob.leonberger@psc.mo.gov](mailto:bob.leonberger@psc.mo.gov) or by regular mail at P.O. Box 360, Jefferson City, MO 65102. If you have questions about the survey please contact Mr. Leonberger by e-mail or by phone at 573/751-3456. Please also contact Mr. Leonberger if you would like to have a "fillable" electronic version of the survey (Excel 2003).

**Company Name** \_\_\_\_\_

**Person Completing Survey** \_\_\_\_\_

**Phone Number** \_\_\_\_\_

**E-Mail Address** \_\_\_\_\_

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### Number of Excavation Notifications Received

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Source of Notification	CY2006*	CY2007*	CY2008*
Missouri One Call System (MOCS)	_____	_____	_____
Excavators Direct to Company	_____	_____	_____
<b>TOTALS</b>	_____	_____	_____

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### Number of Excavation Damages Experienced

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**The number of times the Company's underground facilities were damaged during excavation activities, based on the situation descriptions provided.**

Situation Description	CY2006*	CY2007*	CY2008*
Excavator did not submit a request for facility locates to MOCS or the Company before beginning work.	_____	_____	_____
Locate markings were provided before work began and were provided accurately (markings were within two feet of the facility that was hit).	_____	_____	_____
Locate markings were provided before work began but were lost or destroyed during the excavation.	_____	_____	_____
<b>Sub-Total</b>	_____	_____	_____
Locate markings were provided before the work began but were not provided accurately (markings were not within two feet of the facility that was hit).	_____	_____	_____
Excavator notified MOCS or the Company of the planned excavation work but locate markings were not provided by the Company.	_____	_____	_____
<b>Sub-Total</b>	_____	_____	_____
<b>TOTALS</b>	_____	_____	_____

**Do you maintain any other metrics related to facility damages that occur during excavation activities? If so, please describe them.**

\* Information is requested for CY2006, CY2007 & CY2008. If information is not available for any year or category, please indicate that in the form by entering N/A.