

# PS-95 Leaks by Cause

As of 2024-04-04

Leak Cause ↑	Leak Classification ↑	Record Count
Corrosion	Grade 1	1289
	Grade 2	1712
	Grade 3	1045
<b>Subtotal</b>		<b>4046</b>
Operator Personnel/Contractors Excavating	Grade 1	270
	Grade 2	26
	Grade 3	93
<b>Subtotal</b>		<b>389</b>
Other Third Party Excavators	Grade 1	5915
	Grade 2	231
	Grade 3	280
<b>Subtotal</b>		<b>6426</b>
Locator	Grade 1	4
	Grade 2	1
	Grade 3	1
<b>Subtotal</b>		<b>6</b>
Vehicle (Auto/Truck/etc.)	Grade 1	306
	Grade 2	29
	Grade 3	31
<b>Subtotal</b>		<b>366</b>
Lightning	Grade 1	3
	Grade 2	2
	Grade 3	1
<b>Subtotal</b>		<b>6</b>
Washout	Grade 1	12
	Grade 3	11
<b>Subtotal</b>		<b>23</b>
Ground Movement	Grade 1	496
	Grade 2	436
	Grade 3	253
<b>Subtotal</b>		<b>1185</b>
Static Electricity	Grade 2	1
	Grade 3	1
<b>Subtotal</b>		<b>2</b>
Vandalism	Grade 1	52
	Grade 2	26

	Grade 3	9
<b>Subtotal</b>		<b>87</b>
Fire/Explosion First	Grade 1	14
	Grade 2	2
	Grade 3	4
<b>Subtotal</b>		<b>20</b>
Excessive Strain	Grade 1	609
	Grade 2	287
	Grade 3	368
<b>Subtotal</b>		<b>1264</b>
Dent	Grade 1	36
	Grade 2	10
	Grade 3	3
<b>Subtotal</b>		<b>49</b>
Gouge	Grade 1	29
	Grade 2	23
	Grade 3	2
<b>Subtotal</b>		<b>54</b>
Factory Defect	Grade 1	228
	Grade 2	97
	Grade 3	279
<b>Subtotal</b>		<b>604</b>
Wrinkle Bend	Grade 1	2
	Grade 2	1
	Grade 3	1
<b>Subtotal</b>		<b>4</b>
Weld (Steel)	Grade 1	23
	Grade 2	82
	Grade 3	50
<b>Subtotal</b>		<b>155</b>
Fusion Defect (Plastic)	Grade 1	174
	Grade 2	97
	Grade 3	92
<b>Subtotal</b>		<b>363</b>
Equipment Malfunction	Grade 1	1056
	Grade 2	292
	Grade 3	3385
<b>Subtotal</b>		<b>4733</b>
Gasket/O-Ring	Grade 1	961
	Grade 2	922
	Grade 3	1369
<b>Subtotal</b>		<b>3252</b>

Packing	Grade 1	2597
	Grade 2	684
	Grade 3	3376
<b>Subtotal</b>		<b>6657</b>
Inadequate/Failure to Follow Procedures	Grade 1	334
	Grade 2	213
	Grade 3	312
<b>Subtotal</b>		<b>859</b>
Stripped Threads	Grade 1	555
	Grade 2	1368
	Grade 3	1661
<b>Subtotal</b>		<b>3584</b>
Backfill	Grade 1	50
	Grade 2	39
	Grade 3	14
<b>Subtotal</b>		<b>103</b>
Other	Grade 1	24
	Grade 2	30
	Grade 3	56
<b>Subtotal</b>		<b>110</b>
Not Excavated	Grade 1	70
	Grade 2	45
	Grade 3	73
<b>Subtotal</b>		<b>188</b>
<b>Total</b>		<b>34535</b>