

T&D Quality Programs

Distribution Performance Meeting
June 2021



Program Performance – BI Dashboard thru May 2021

2021 YTD to May										Total			
Header	QC Structures Inspected	P1		P2		P3		P1 & P2 Findings		P1 & P2 Findings		P1 & P2 Findings	
Program Name		Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count	Open Count	Overdue Count	Open Count	Overdue Count
Distribution Construction	3,841	5	99.9%	834	78.2%	338	91.2%	771	69	416	416	1,187	485
Transmission Construction	612	0	100.0%	25	95.9%	25	95.9%	18	0	8	8	26	8
Aerial Distribution	0	0	0	0	0	0	0	0	0	8	8	8	8
ODI	3,884	5	99.9%	187	95.2%	297	92.4%	88	4	0	0	88	4
Planning	911	78	91.4%	198	78.3%	172	81.1%	315	16	0	0	315	16
Intrusive	429	0	100.0%	5	98.8%	21	95.1%	4	0	0	0	4	0
Generation Inspections	0	0	0	0	0	0	0	0	0	3	3	3	3
TIMP	521	1	99.8%	7	98.7%	10	98.1%	7	0	0	0	7	0

Other Program Information

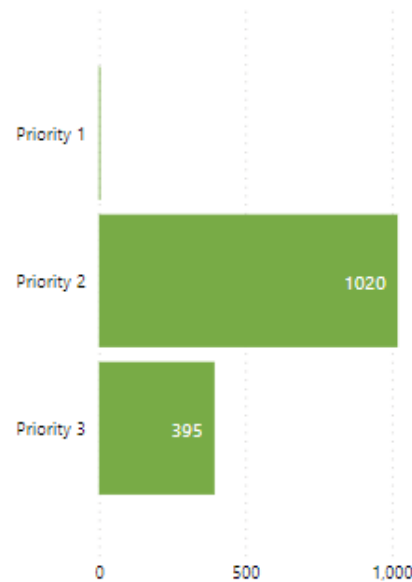
- QC Pole Loading program completed in May with a conformance rate of 97.4%
- New QC of Underground Detail Inspection program starting early June

Distribution Construction – YTD 2021 Results Through May

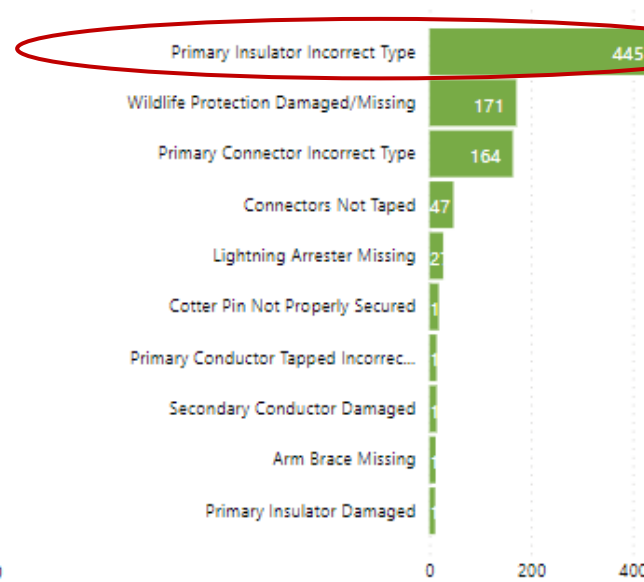
3,841 Total Inspections **2,999** Pass Total **842** Potential Non-Conformances **78%** P1 & P2 Total CR%

Asset Life Issue, remediation within 5 years (under further evaluation). Initiated Cause Evaluation, elimination would increase CR score to ~88%

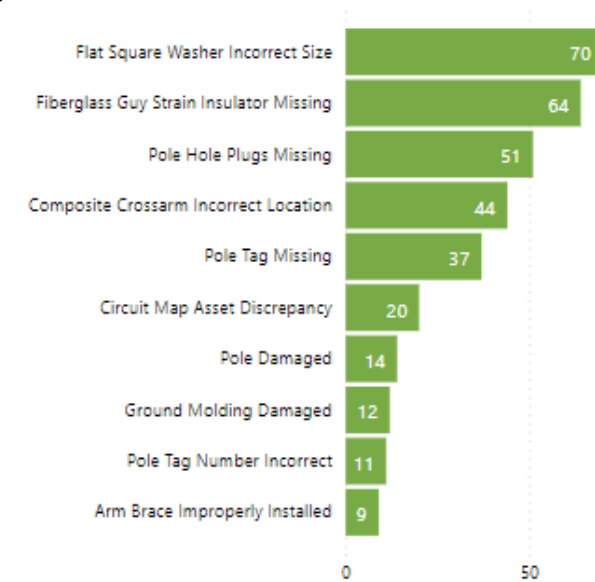
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



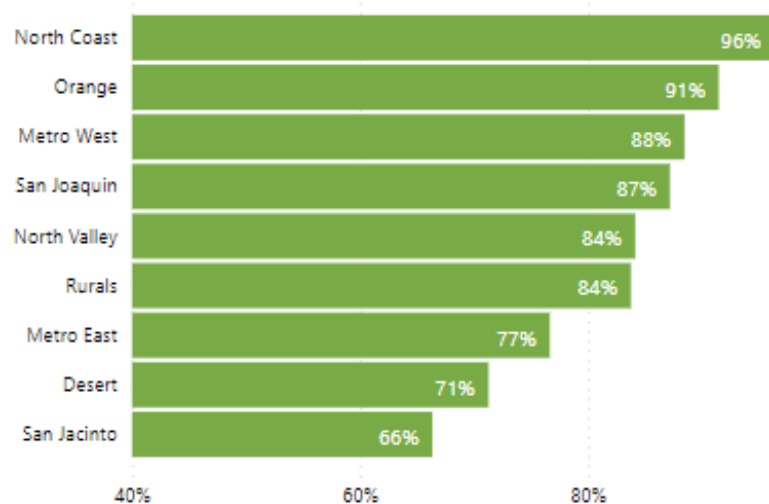
Program Name - REAX Score	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open
Distribution Construction (Very High)									
Very High	932	304	67%	100.0%	0	0	380	380	338
High	1,671	372	78%	98.0%	1	0	453	454	313
Medium	933	139	85%	95.0%	4	0	158	162	106
Low	305	27	91%	95.0%	0	0	29	29	14
Total	3,841	842	78%	97.0%	5	0	1,020	1,025	771

QC Results thru May 2021 (Dist. Construction)

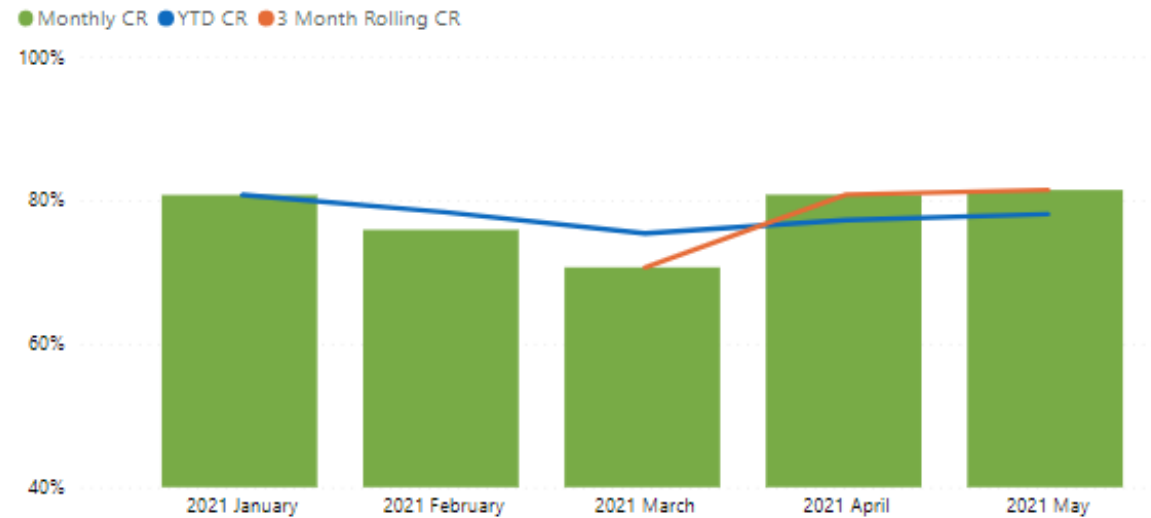
Trend vs 1st QTR

Total	3,841 Total Inspections	2,999 Pass Total	842 Potential Non-Conformances	78% P1 & P2 Total CR%	↑ +3%
SCE	654 Total Inspections	584 Pass Total	70 Potential Non-Conformances	89% P1 & P2 Total CR%	↑ +2%
Contractor	3,187 Total Inspections	2,415 Pass Total	772 Potential Non-Conformances	76% P1 & P2 Total CR%	↑ +4%

Conformance Rate by Region | District

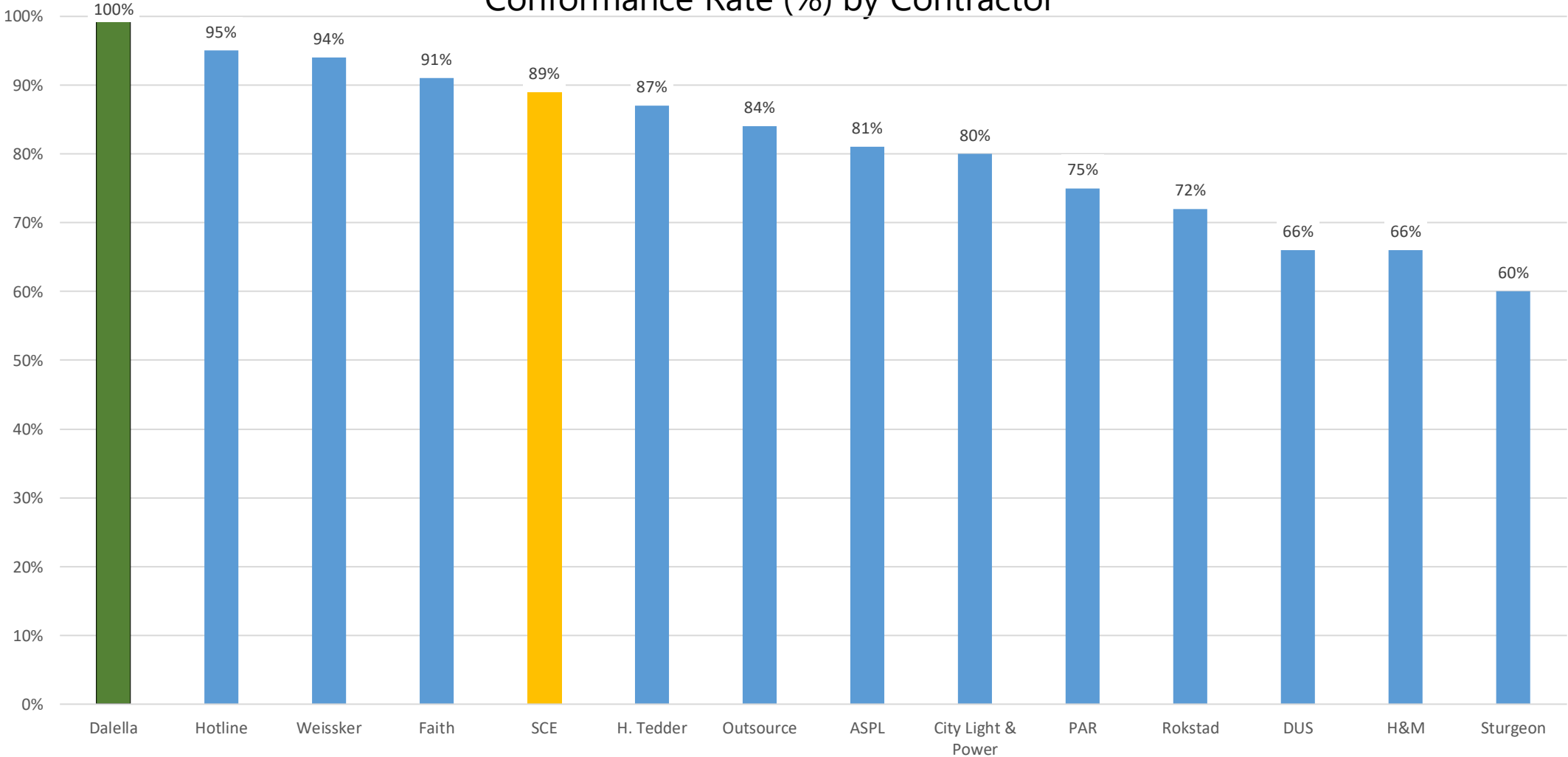


Conformance Rate Trending



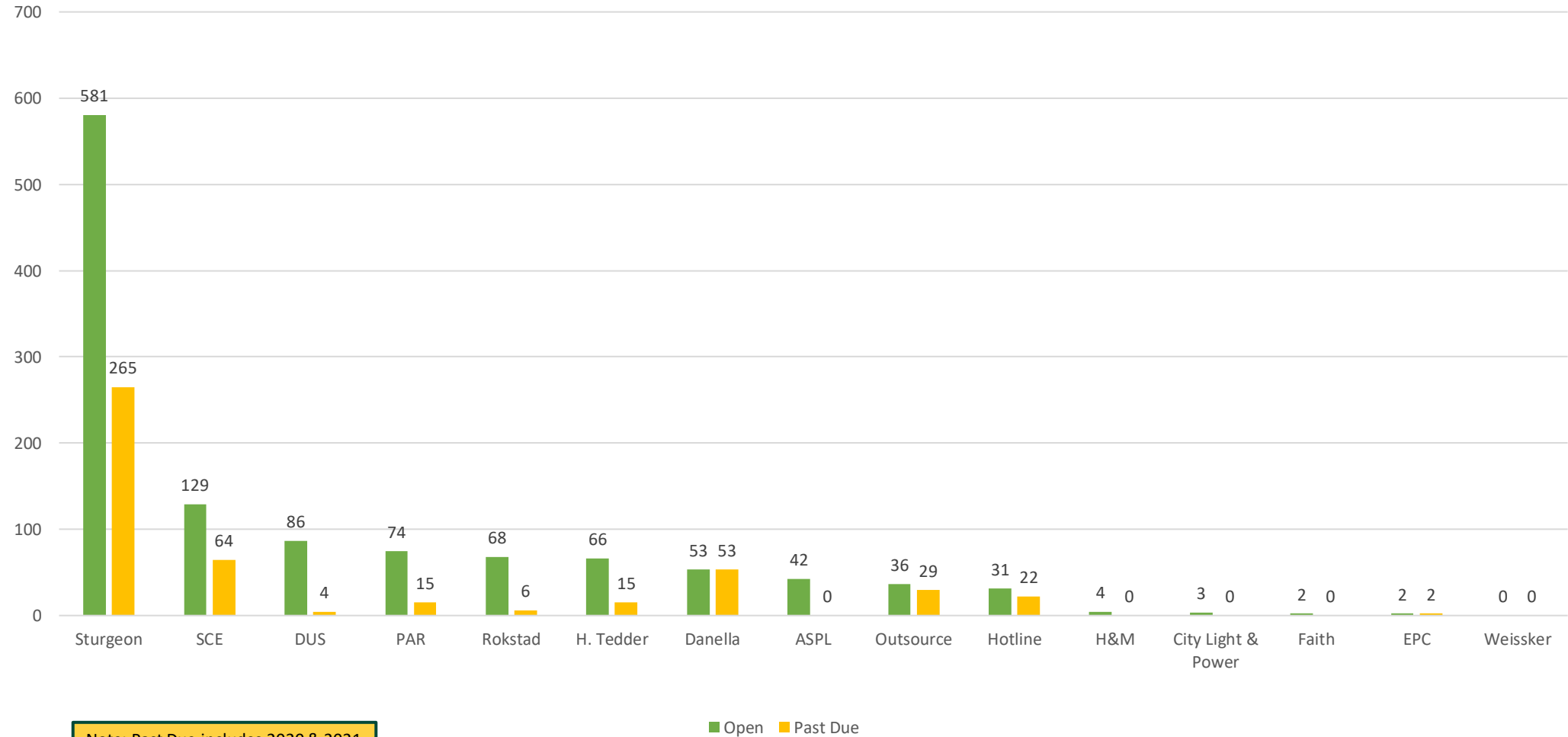
QC Results By Contractor

QC Distribution Construction Program – YTD May 2021
Conformance Rate (%) by Contractor



QC Results By Contractor

QC Distribution Construction Program – 2020 thru May 2021
Open & Overdue P1s & P2s



Note: Past Due includes 2020 & 2021 Findings

Overhead Detail Inspection - YTD 2021 Results Through May

3,884
Total Inspections

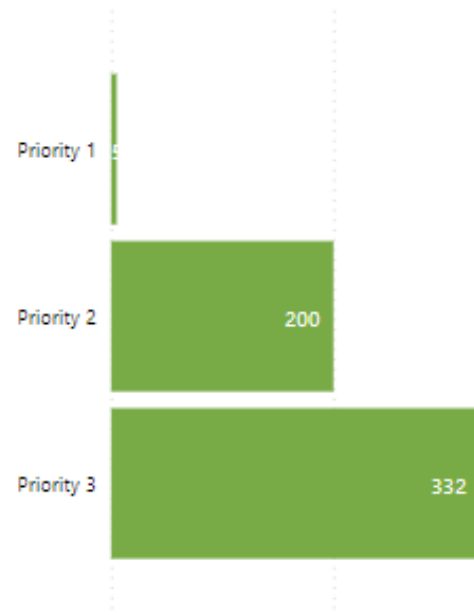
3,692
Pass Total

192
Potential Non-Conformances

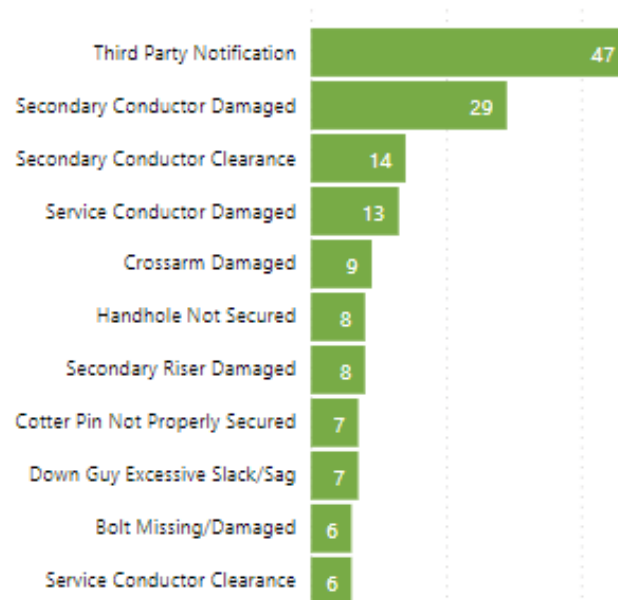
95%
P1 & P2 Total CR%

Tier 1 Target 97% (+/- 1%)

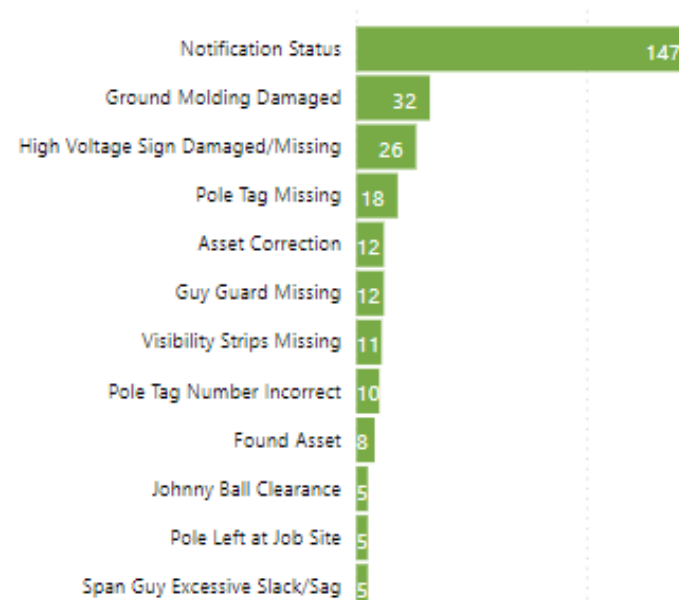
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories

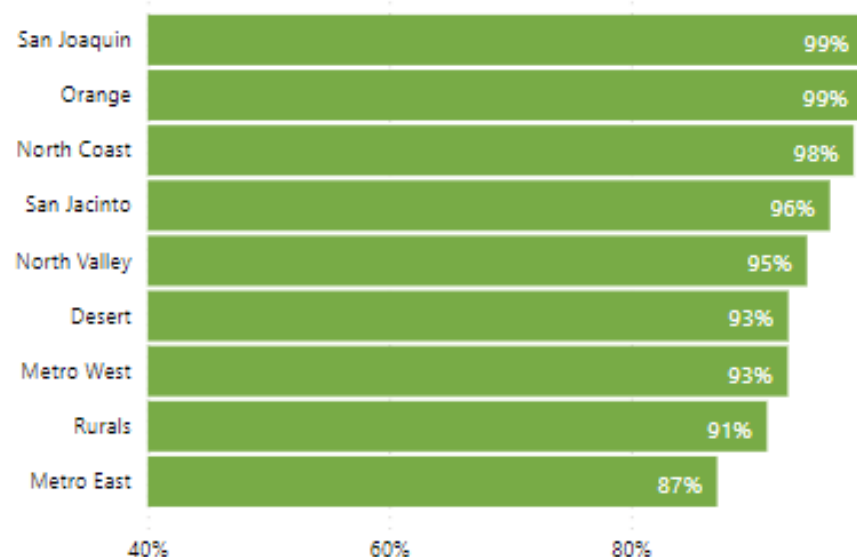


Program Name - REAX Score	FLOCS				P1 & P2 Findings					
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	
ODI (High)										
Very High	876	35	96%	98.0%	1	0	37	38	32	
High	1,136	31	97%	95.0%	0	0	31	31	19	
Medium	970	67	93%	95.0%	2	0	72	74	6	
Low	567	33	94%	90.0%	0	0	34	34	11	
Total	3,549	166	95%	94.5%	3	0	174	177	68	

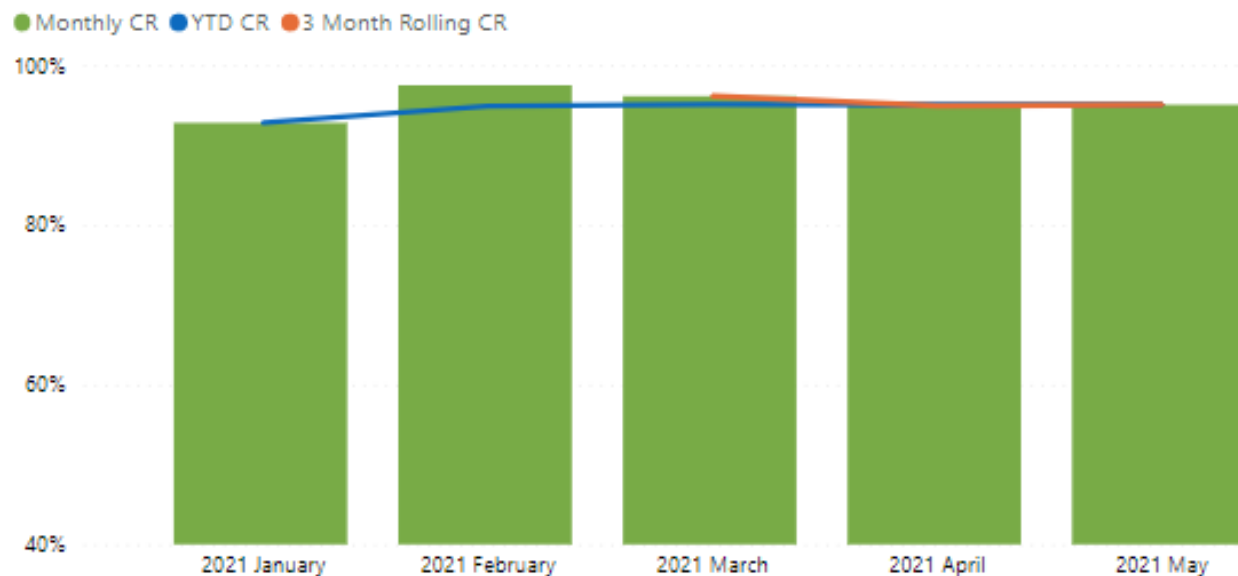
ODI – YTD 2021 Results Through May

Total	3,884 Total Inspections	3,692 Pass Total	192 Potential Non-Conformances	95% P1 & P2 Total CR%
SCE	2,324 Total Inspections	2,213 Pass Total	111 Potential Non-Conformances	95% P1 & P2 Total CR%
Contractor	1,560 Total Inspections	1,479 Pass Total	81 Potential Non-Conformances	95% P1 & P2 Total CR%

Conformance Rate by Region | District



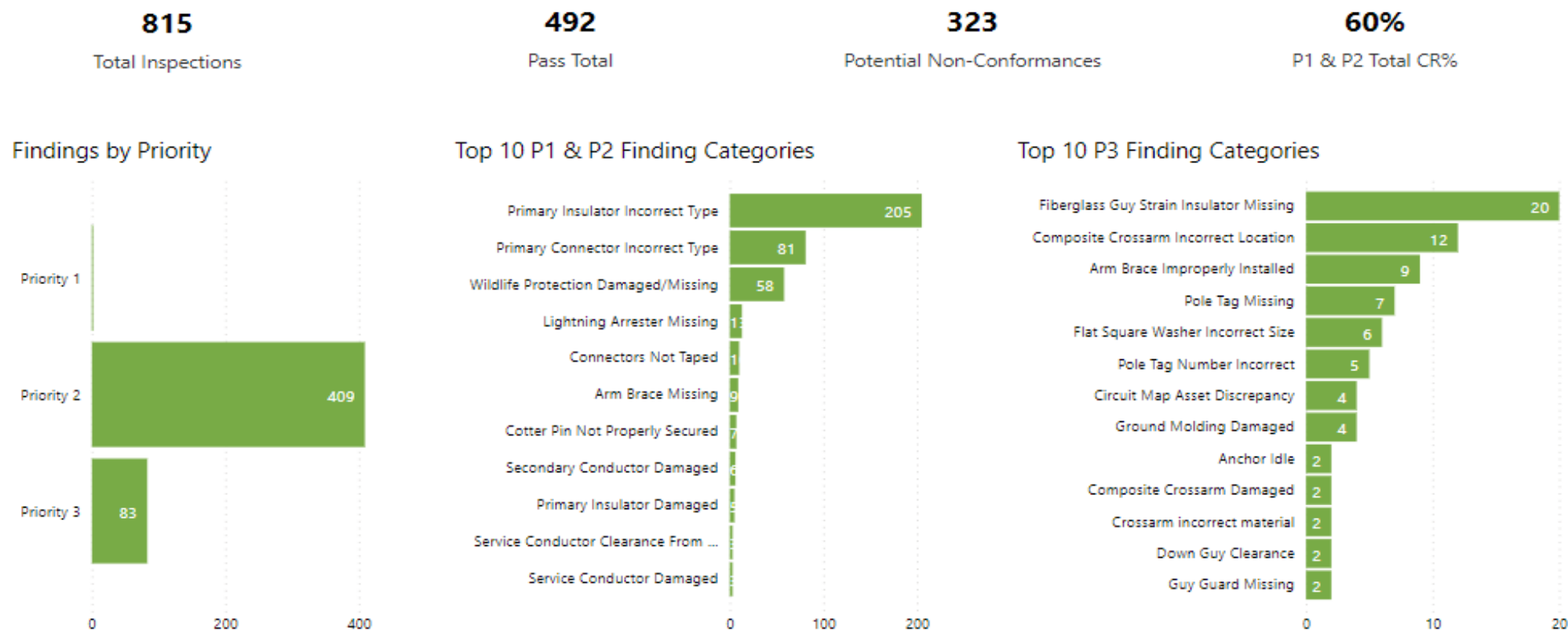
Conformance Rate Trending



APPENDIX



Draft YTD May 2021 QC Results (Dist. Construction) – Sturgeon/San Jacinto Region



Program Name - REAX Score	FLOCS				P1 & P2 Findings				
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open
Distribution Construction (Very High)									
Very High	353	157	56%	100.0%	0	0	190	190	179
High	409	155	62%	98.0%	1	0	207	208	171
Medium	46	10	78%	95.0%	0	0	11	11	10
Low	7	1	86%	95.0%	0	0	1	1	1
Total	815	323	60%	97.0%	1	0	409	410	361

YTD May 2021 QC Results (Dist. Construction) – Desert Region

435

Total Inspections

310

Pass Total

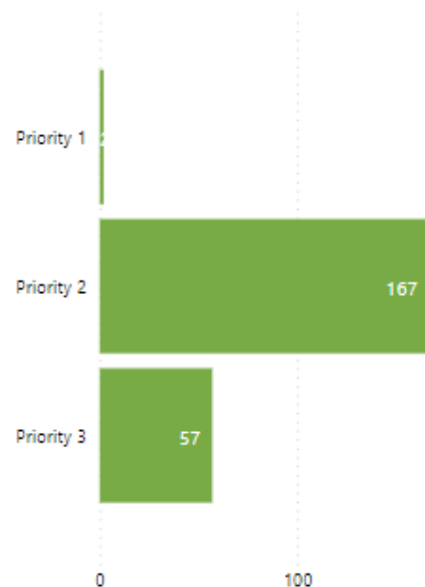
125

Potential Non-Conformances

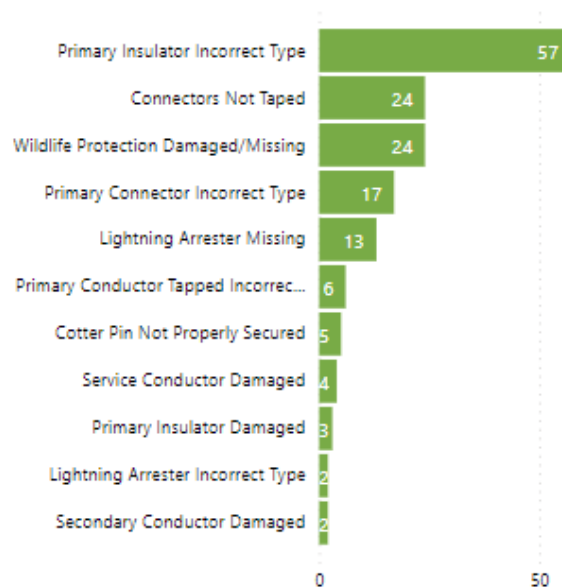
71%

P1 & P2 Total CR%

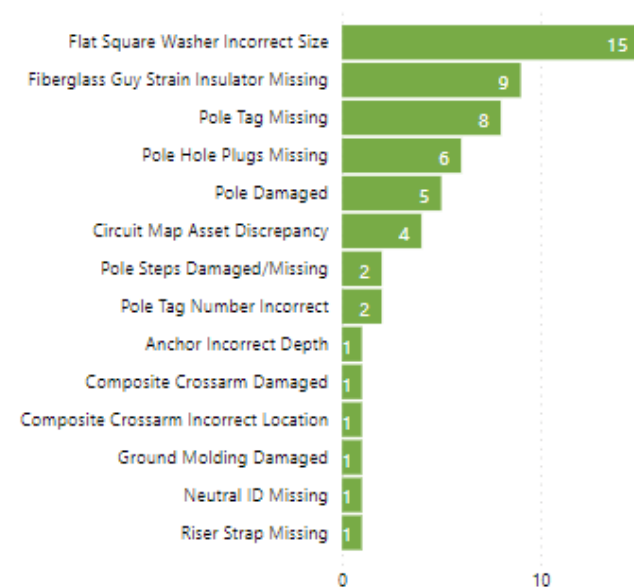
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High	133	55	59%	100.0%	0	0	82	82	63	0	19	20
High	129	36	72%	98.0%	0	0	45	45	30	0	19	21
Medium	135	30	78%	95.0%	2	0	35	37	21	1	14	14
Low	38	4	89%	95.0%	0	0	5	5	2	0	2	2
Total	435	125	71%	97.0%	2	0	167	169	116	1	54	57

YTD May 2021 QC Results (Dist. Construction) – Metro East

137

Total Inspections

105

Pass Total

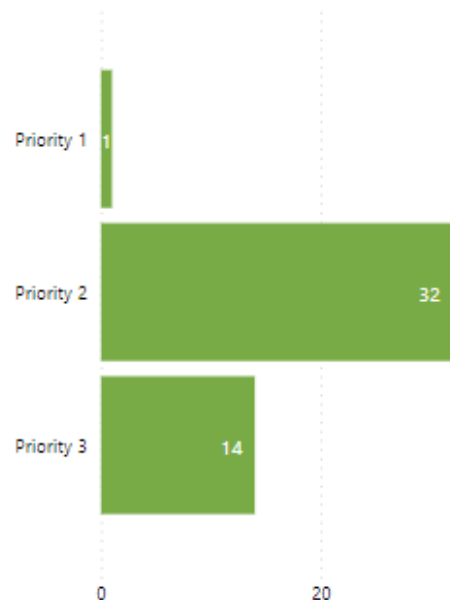
32

Potential Non-Conformances

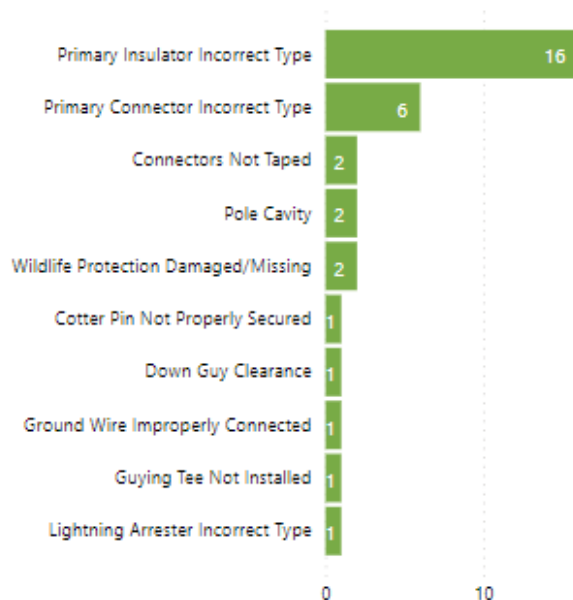
77%

P1 & P2 Total CR%

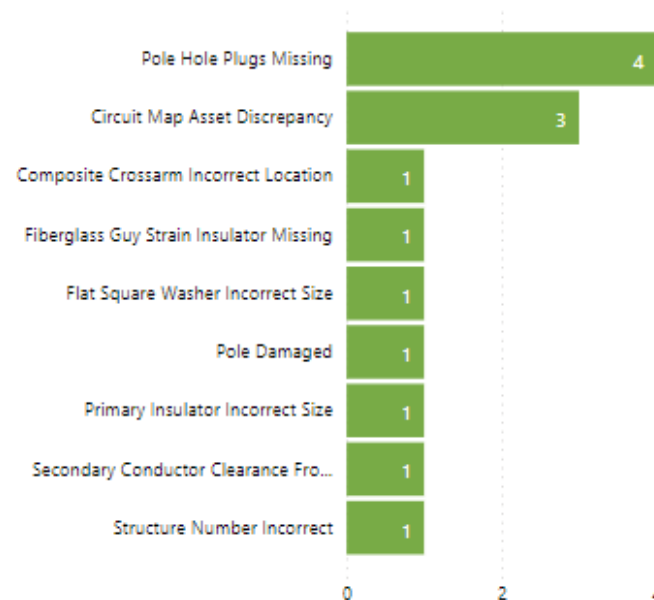
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High	4	2	50%	100.0%	0	0	2	2	0	0	0	0
High	17	11	35%	98.0%	0	0	12	12	2	0	1	1
Medium	59	17	71%	95.0%	1	0	16	17	9	0	10	11
Low	57	2	96%	95.0%	0	0	2	2	1	0	2	2
Total	137	32	77%	97.0%	1	0	32	33	12	0	13	14

YTD May 2021 QC Results (Dist. Construction) – Metro West

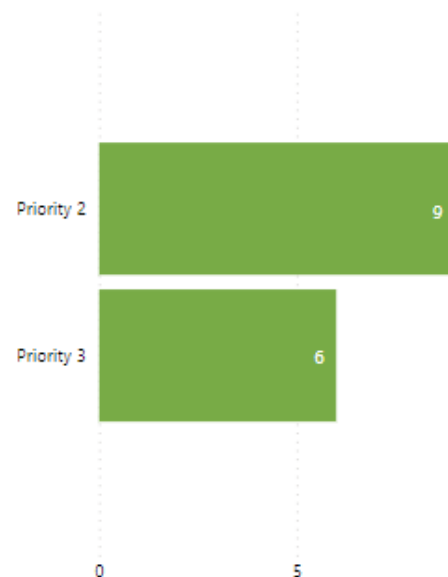
78
Total Inspections

69
Pass Total

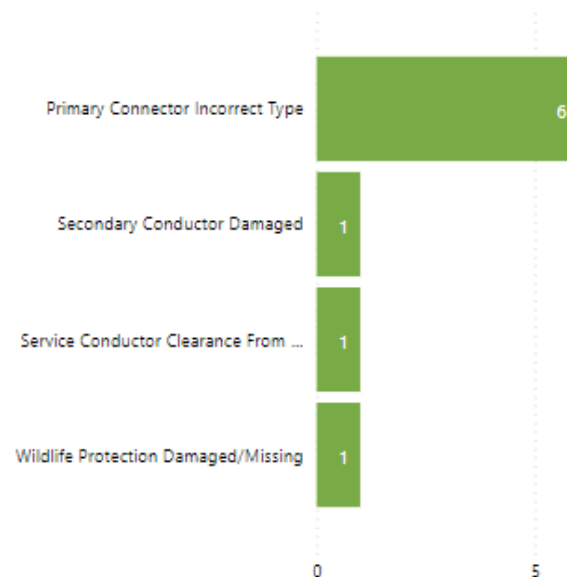
9
Potential Non-Conformances

88%
P1 & P2 Total CR%

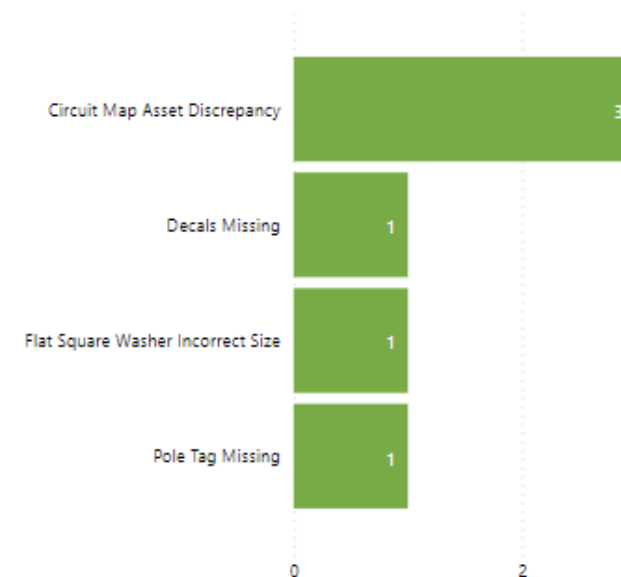
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High		0			0	0	0	0	0	0	0	0
High		0			0	0	0	0	0	0	0	0
Medium	15	2	87%	95.0%	0	0	2	2	1	0	3	3
Low	63	7	89%	95.0%	0	0	7	7	4	0	3	3
Total	78	9	88%	95.0%	0	0	9	9	5	0	6	6

YTD May 2021 QC Results (Dist. Construction) – North Coast

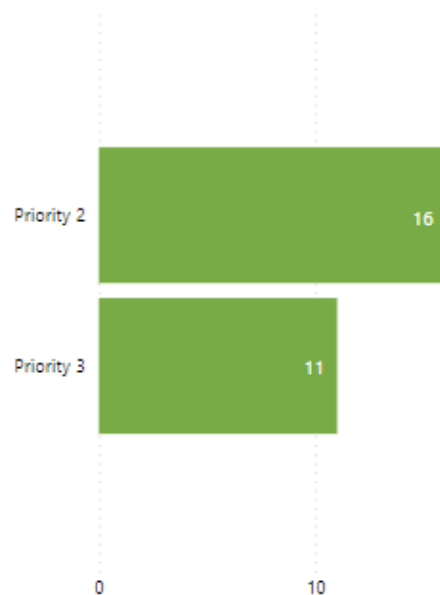
355
Total Inspections

342
Pass Total

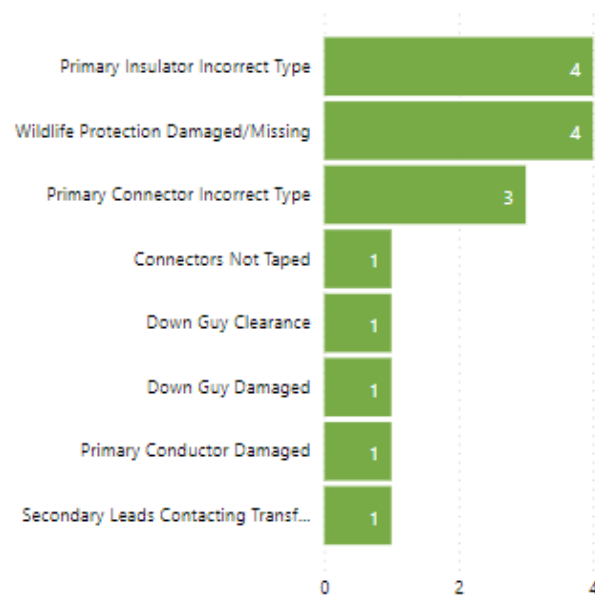
13
Potential Non-Conformances

96%
P1 & P2 Total CR%

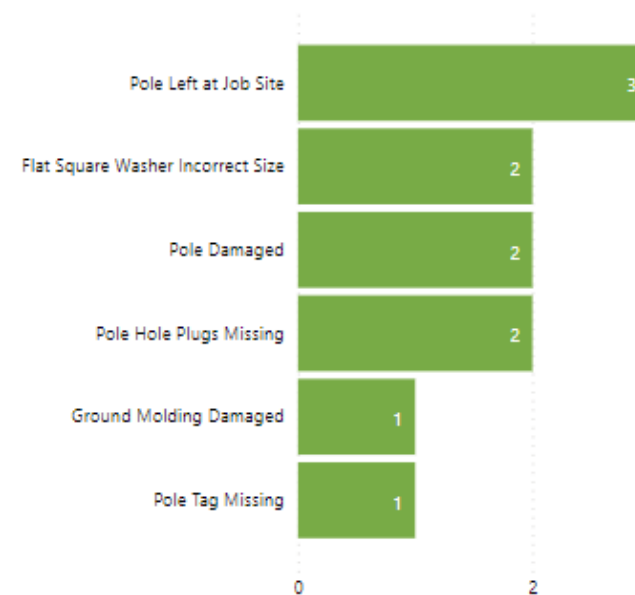
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories

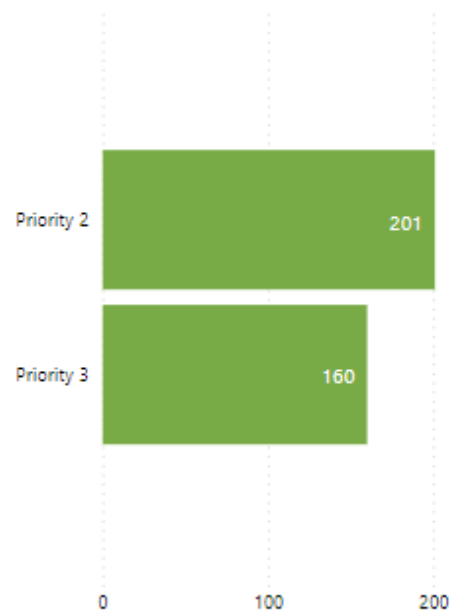


Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High	28	0	100%	100.0%	0	0	0	0	0	0	0	0
High	113	1	99%	98.0%	0	0	1	1	1	0	4	4
Medium	195	10	95%	95.0%	0	0	13	13	12	0	7	7
Low	19	2	89%	95.0%	0	0	2	2	0	0	0	0
Total	355	13	96%	97.0%	0	0	16	16	13	0	11	11

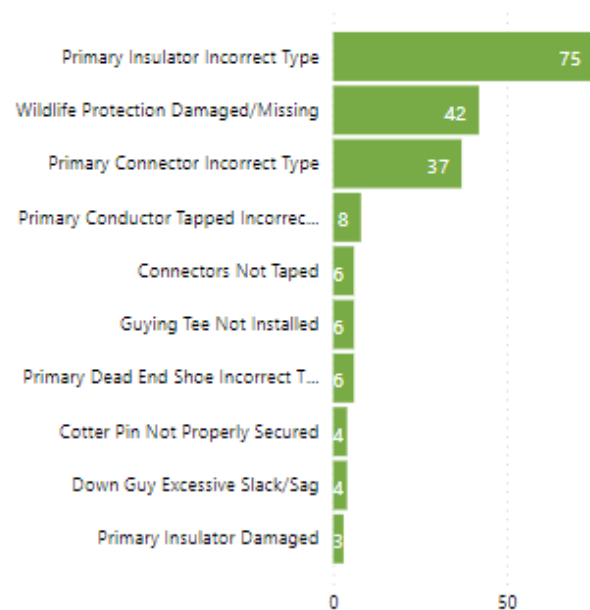
YTD May 2021 QC Results (Dist. Construction) – North Valley

1,128 Total Inspections
 949 Pass Total
 179 Potential Non-Conformances
 84% P1 & P2 Total CR%

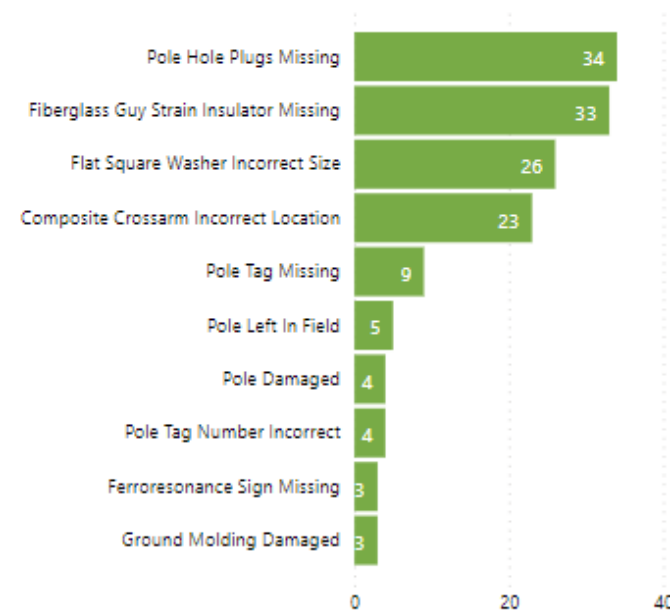
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High	210	44	79%	100.0%	0	0	47	47	47	0	16	16
High	637	100	84%	98.0%	0	0	111	111	65	5	73	94
Medium	256	34	87%	95.0%	0	0	42	42	26	9	37	46
Low	25	1	96%	95.0%	0	0	1	1	1	0	3	4
Total	1,128	179	84%	97.0%	0	0	201	201	139	14	129	160

YTD May 2021 QC Results (Dist. Construction) – Orange

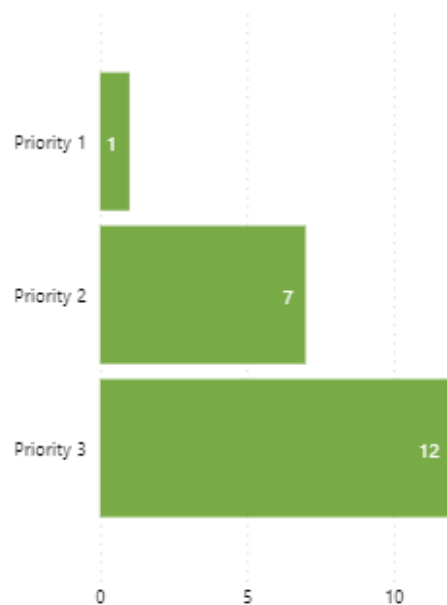
82
Total Inspections

75
Pass Total

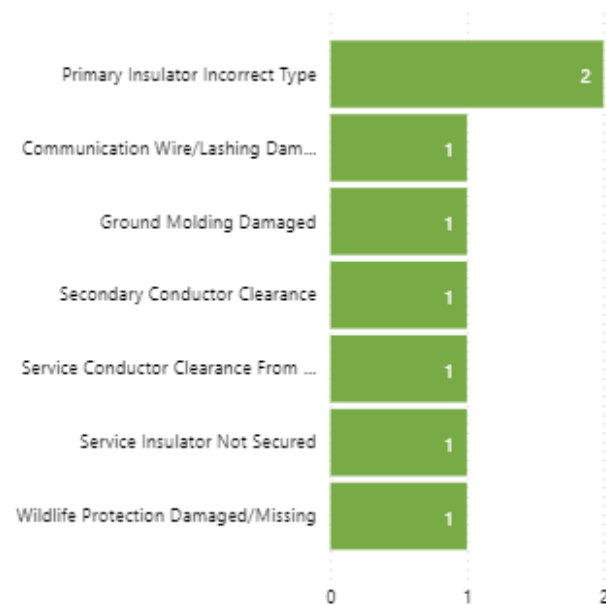
7
Potential Non-Conformances

91%
P1 & P2 Total CR%

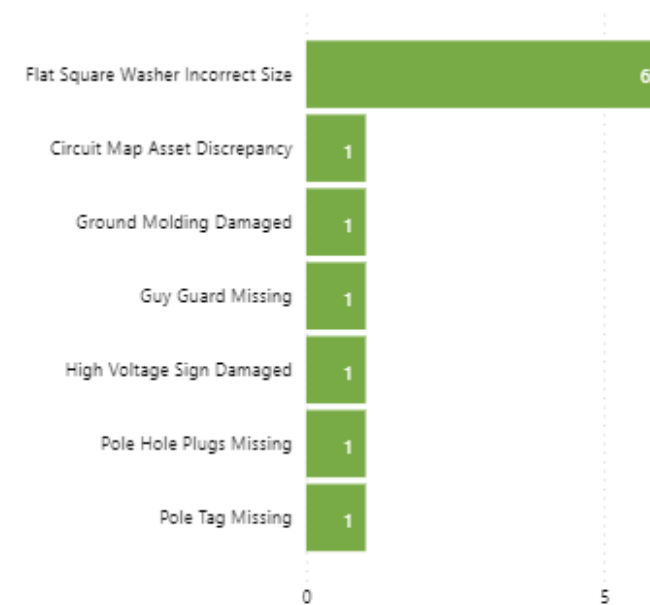
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High		0			0	0	0	0	0	0	0	0
High	5	0	100%	98.0%	0	0	0	0	0	0	0	0
Medium	31	3	90%	95.0%	1	0	2	3	2	0	4	7
Low	46	4	91%	95.0%	0	0	5	5	1	0	5	5
Total	82	7	91%	96.0%	1	0	7	8	3	0	9	12

YTD May 2021 QC Results (Dist. Construction) – Rurals

357

Total Inspections

299

Pass Total

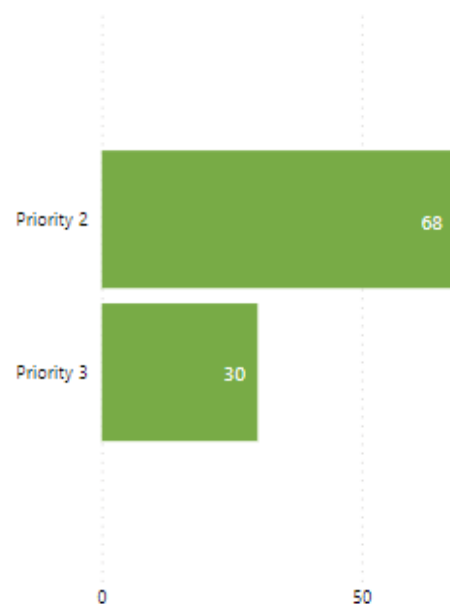
58

Potential Non-Conformances

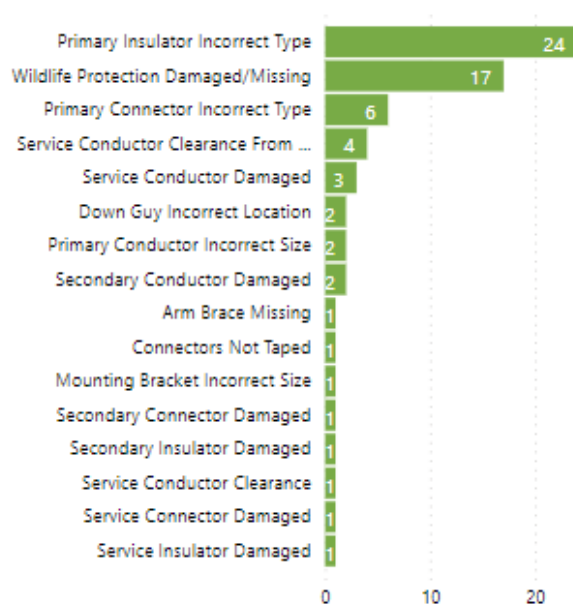
84%

P1 & P2 Total CR%

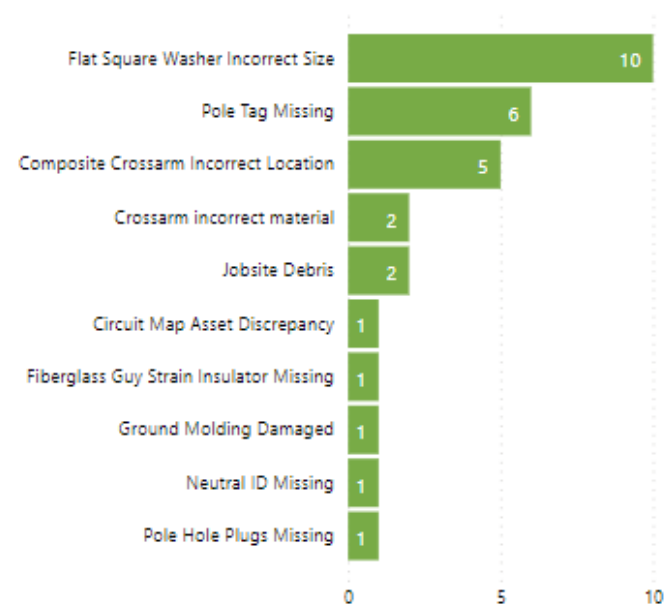
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



	FLOCS				P1 & P2 Findings						P3 Findings	
Program Name - REAX Score	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High	115	27	77%	100.0%	0	0	34	34	24	5	3	5
High	114	15	87%	98.0%	0	0	18	18	9	1	4	4
Medium	101	12	88%	95.0%	0	0	12	12	7	0	13	17
Low	27	4	85%	95.0%	0	0	4	4	2	0	3	4
Total	357	58	84%	97.0%	0	0	68	68	42	6	23	30

YTD May 2021 QC Results (Dist. Construction) – San Jacinto

1,230

Total Inspections

816

Pass Total

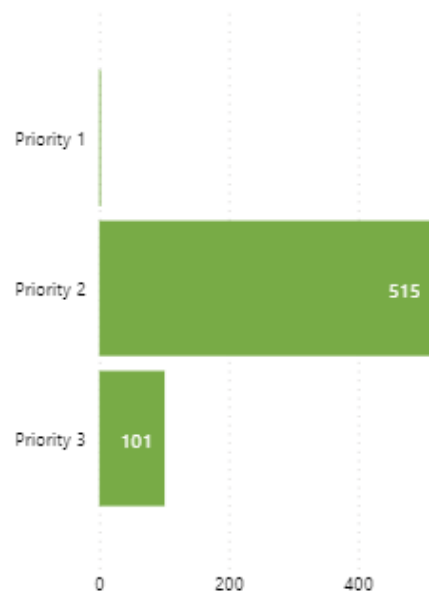
414

Potential Non-Conformances

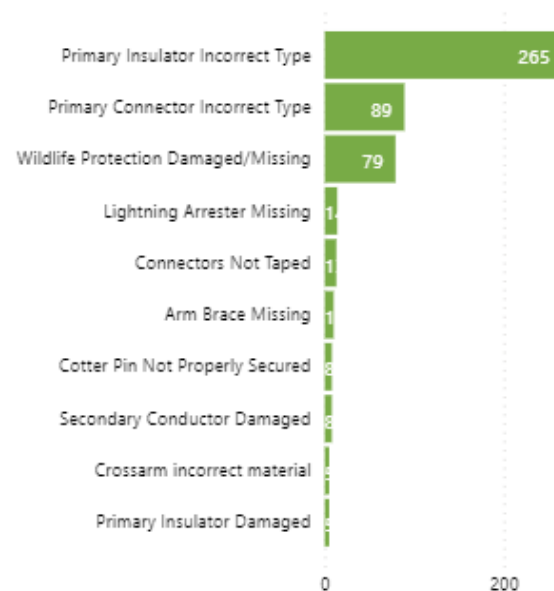
66%

P1 & P2 Total CR%

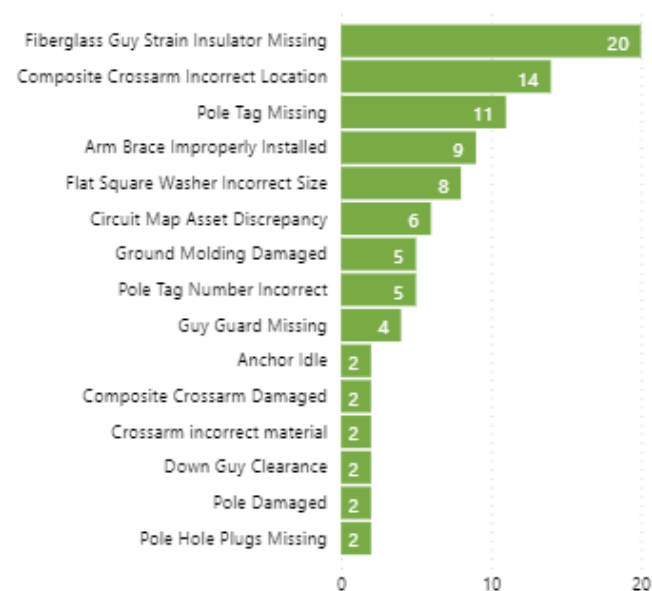
Findings by Priority



Top 10 P1 & P2 Finding Categories

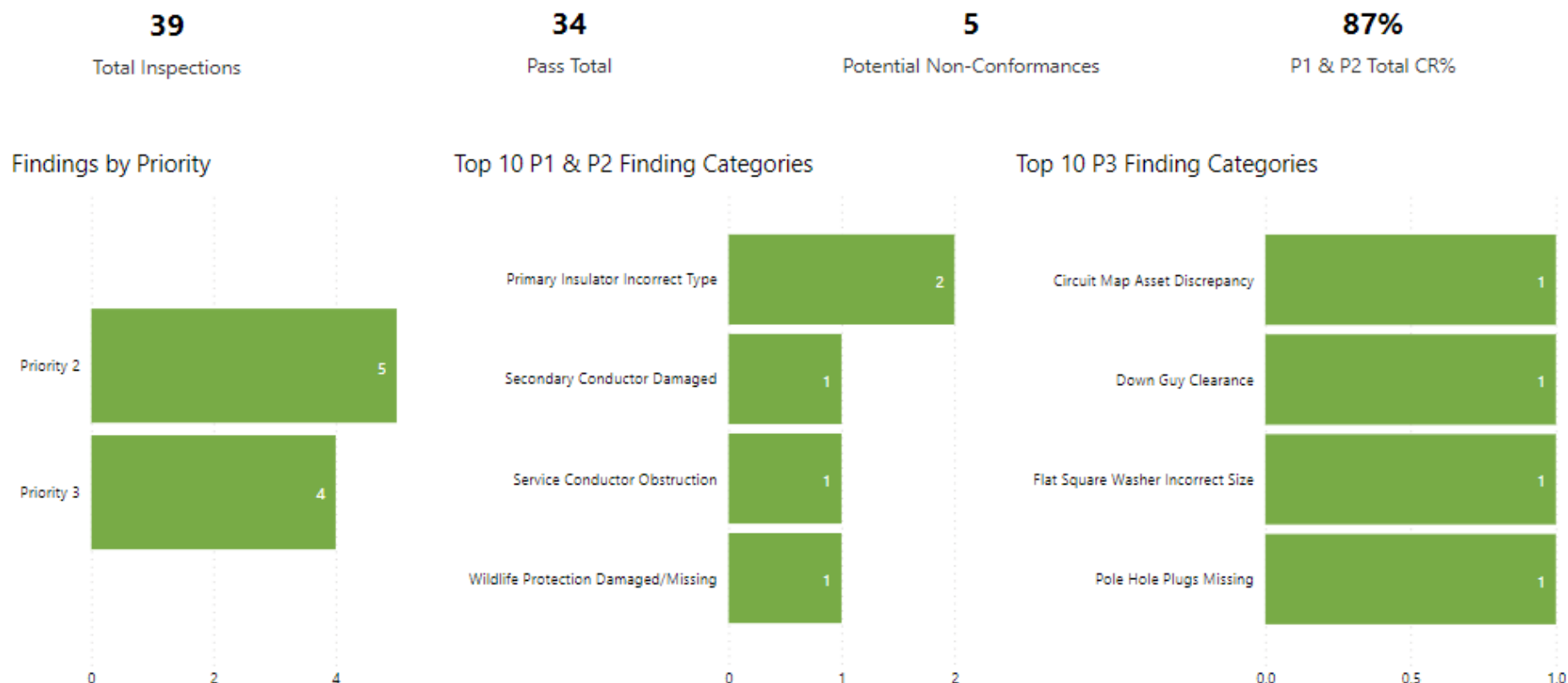


Top 10 P3 Finding Categories



Program Name - REAX Score	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High	442	176	60%	100.0%	0	0	215	215	204	19	36	37
High	656	209	68%	98.0%	1	0	266	267	206	27	46	57
Medium	118	28	76%	95.0%	0	0	33	33	25	2	5	5
Low	14	1	93%	95.0%	0	0	1	1	1	0	2	2
Total	1,230	414	66%	97.0%	1	0	515	516	436	48	89	101

YTD May 2021 QC Results (Dist. Construction) – San Joaquin



Program Name - REAX Score	FLOCS				P1 & P2 Findings					P3 Findings		
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction (Very High)												
Very High		0			0	0	0	0	0	0	0	0
High		0			0	0	0	0	0	0	0	0
Medium	23	3	87%	95.0%	0	0	3	3	3	0	2	2
Low	16	2	88%	95.0%	0	0	2	2	2	0	2	2
Total	39	5	87%	95.0%	0	0	5	5	5	0	4	4

Updated Quality Dashboard

