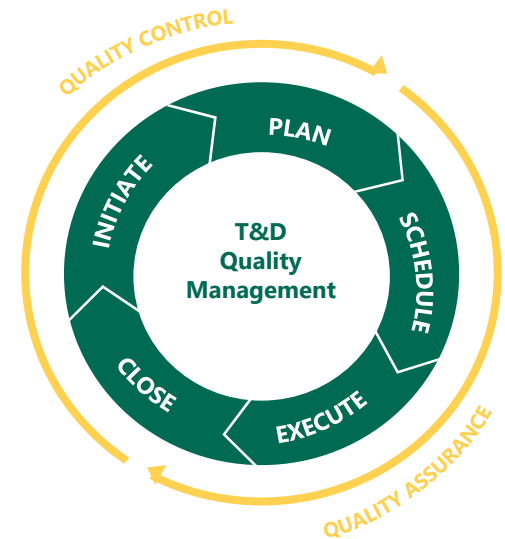


T&D SLT Quality Report Out

July 2020



Energy for What's AheadSM



New Quality Dashboard – Demonstration

2020 Quality Control Program

Program: All Date: All Clear All Filters

27,016
Total Planned QC Inspections

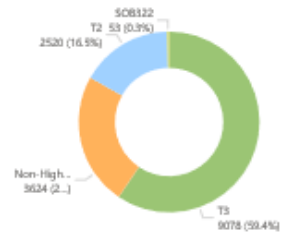
13,993
Completed QC Inspections

13,023
Remaining QC Inspections

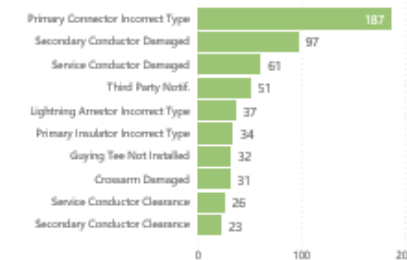
Program Conformance

Header	QC Structures Inspected	P1		P2		P3		Actionable Findings	
Program Name		Count	CR %	Count	CR %	Count	CR %	Open Count	Overdue Count
Distribution Construction	2,534	3	99.9%	578	81.5%	1,119	68.8%	424	202
Transmission Construction	447	0	100.0%	26	94.4%	53	89.7%	21	1
Aerial Distribution	586	0	100.0%	8	98.6%	0	100.0%	8	2
ODI	10,062	3	100.0%	277	97.5%	329	97.1%	270	17
Intrusive	364	0	100.0%	2	99.5%	14	96.2%	1	0

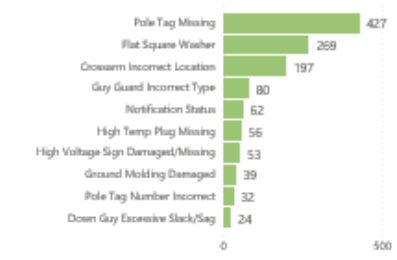
QC Inspections by High Fire Tier Level



Top 10 P1 & P2 Finding Categories



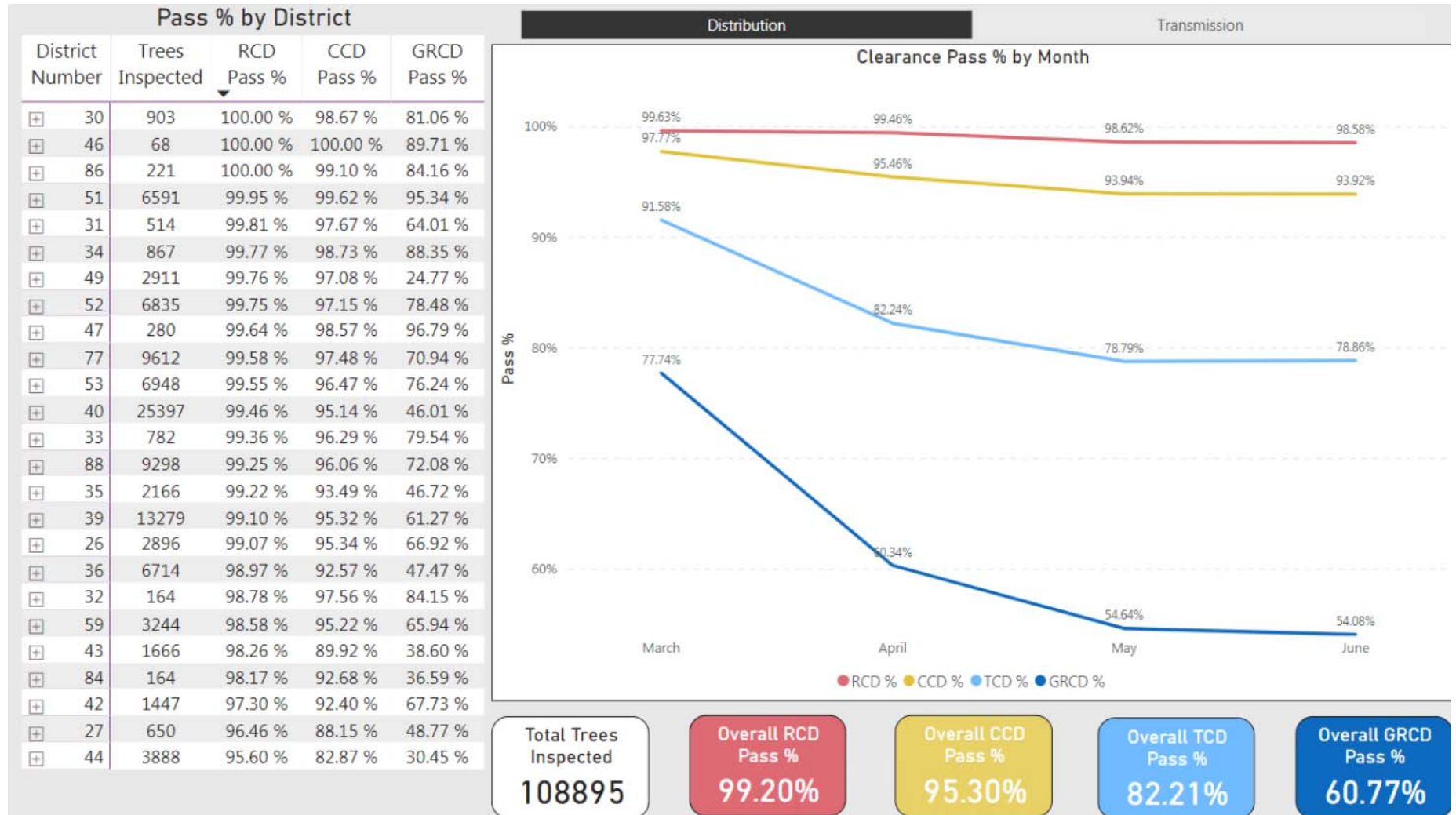
Top 10 P3 Finding Categories



Program Name - REAX Score	Total QC Inspections	Structures				Actionable Findings					P3/Observational Outcomes		
		Actionable NC	Actionable CR	Threshold Limit	Priority 1	Priority 2	Priority 2E	Actionable Findings	Open Findings (Past Due)	Past Due Findings	Observational NC	Observational CR	Observational Findings
Distribution Construction (Very High)													
Very High	103	31	69.9 %	100.0 %	0	38	0	38	29	17	48	53.4 %	73
High	185	30	83.8 %	98.0 %	0	34	0	34	29	20	87	53.0 %	114
Medium	1,582	305	80.7 %	95.0 %	3	358	10	371	272	111	460	70.9 %	672
Low	664	112	83.1 %	95.0 %	0	132	6	138	94	54	196	70.5 %	260
Total	2,534	479	81.1 %	97.0 %	3	562	16	581	424	202	791	68.8 %	1,119

Link: <https://app.powerbi.com/groups/me/apps/28c1bc4a-40cb-45c6-bf77-42e1858cfd9/reports/b2a47714-634e-4795-8daa-37774c586d58/ReportSectiond67cbecbd9ea2528dfc8?ctid=5b2a8fee-4c95-4bdc-8aae-196f8aacb1b6>

YTD Vegetation Management Performance – Distribution

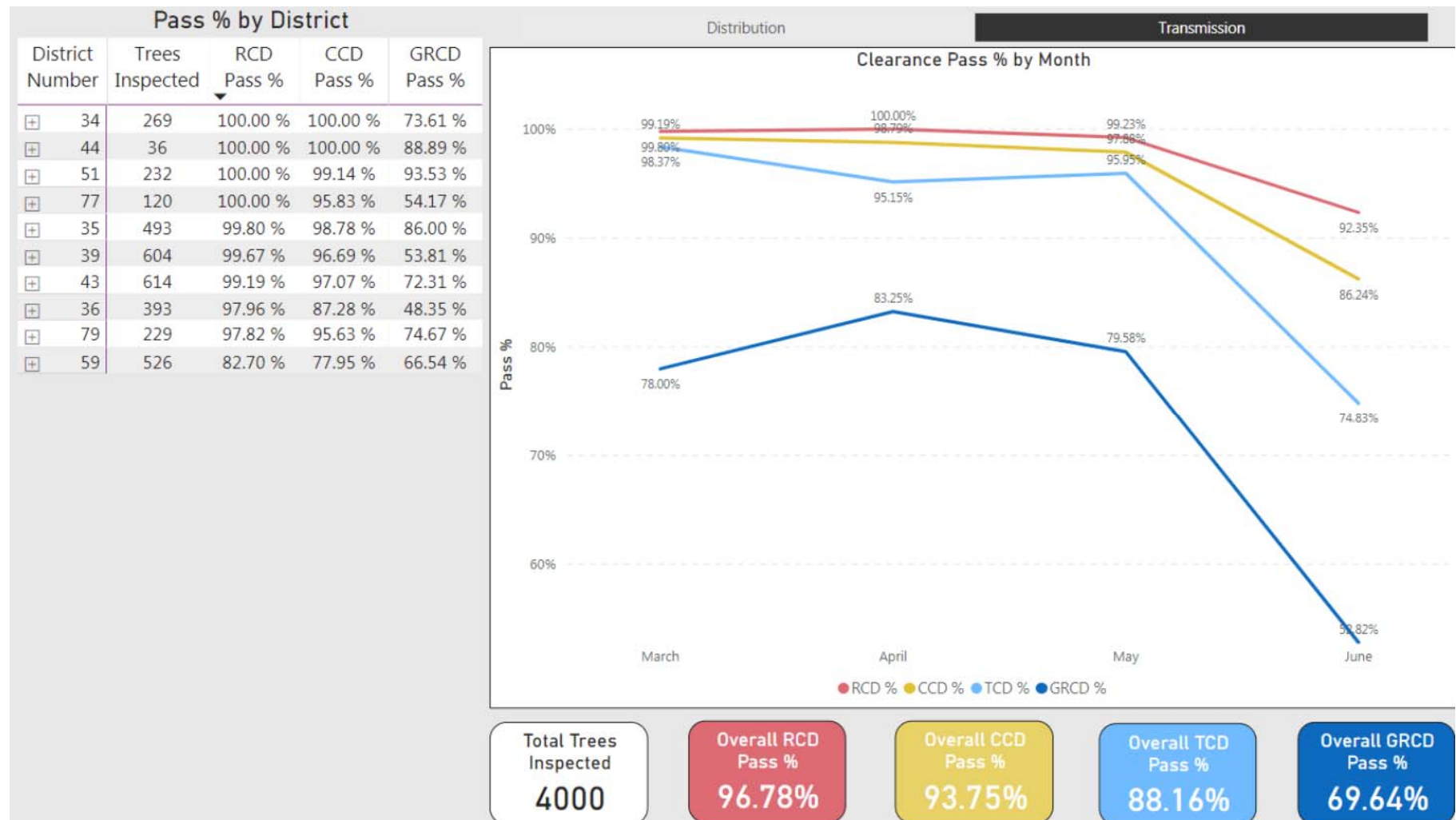


- June observed a decline in RCD performance from 98.62% to 98.58%. At this time it is difficult to determine why we are seeing the decline as most of our contractors' individual performance also declined. Could be attributed to seasonal growth conditions and line dynamics.

D	Compliance Zone		HFRA	Non-HFRA
	RCD = Regulation Clearance Distance		4'	18"
	CCD = Compliance Clearance Distance (RCD x 1.5)		6'	3'
	TCD = Trigger Clearance Distance (CCD + 3')		9'	N/A
	GRCD = Grid Resiliency Clearance Distance		12'	6'

YTD data reflects work completed in 2020 only. This does not include any January/February report data

YTD Vegetation Management Performance – Transmission



- June observed a significant decline in RCD performance from 99.23% to 92.35%. This was attributed to issues with Sag/Sway versus LiDAR usage and improper implementation of LiDAR during the Pre-Inspection process (lot of missed trees relates to a low RCD)

	Compliance Zone	HFRA
T	RCD = Regulation Clearance Distance	10'
	CCD = Compliance Clearance Distance (RCD x 1.5)	15'
	TCD = Trigger Clearance Distance (CCD + 3')	18'
	GRCD = Grid Resiliency Clearance Distance	30'

APPENDIX



Production vs Sampling Goals – June 2020

QC Program	QC Risk Category	Production	2020 QC Goals	% of Annual Goal
Overhead Detail Inspection (ODI)	Very High	5,699	6,439	89%
	High	3,863	7,754	50%
	Medium	322	948	34%
	Low	13	353	3%
	Total	9,897	15,494	64%
Distribution Construction	Very High	103	926	11%
	High	185	2,695	7%
	Medium	1,582	1,459	108%
	Low	664	618	107%
	Total	2,534	5,699	44%
Transmission Construction	Very High	0	17	0%
	High	13	83	16%
	Medium	379	536	71%
	Low	55	136	40%
	Total	447	773	58%
Aerial	Pilot	586	500	117%
Intrusive	Very High	49	526	9%
	High	315	237	133%
	Medium	0	101	0%
	Low	0	36	0%
	Total	364	900	40%
Pole Loading	Total	325	1,000	33%
	Grand Total	14,153	24,365	58%

T&D Open Critical Action Items (as of 7/10/2020)

T&D - Open Action Items	Due 1-30 Days	Due 31-60 Days	Due 61-90 Days	Due 91-120 Days	Due >120	Past Due	Grand Total
AMS&E	1	3	1		4		9
T&D Integrated System Planning					3		3
Asset & Engineering Strategy	1	3	1				5
T&D Integrated System Strategy					1		1
CV&OS		2		1	3		6
Compliance & Quality					1		1
T&D Data & Information Governance		2					2
Vegetation Management				1	2		3
Distribution	2		1		3		6
Distribution SE Division					2		2
Program Management	2		1		1		4
TS&O	1		6		15	1	23
Grid Operations	1		3		11		15
Substation Const & Maint			1		3		4
Transmission			2		1	1	4
Grand Total	4	5	8	1	25	1	44

Open Action Items	Status
On Plan	25
AMS&E	5
CV&OS	3
Distribution	2
TS&O	15
Not on Plan	13
AMS&E	3
CV&OS	3
Distribution	4
TS&O	3
Ahead of Plan	6
AMS&E	1
TS&O	5
Grand Total	44

Open Action Items by Source	Due 1-30 Days	Due 31-60 Days	Due 61-90 Days	Due 91-120 Days	Due >120	Past Due	Grand Total
Audit Services Department (ASD)	4	5	2	1	5	1	17
Edison Safety			6		15		21
T&D Compliance & Quality					5		5
Grand Total	4	5	8	1	25	1	44

T&D - Open Action Items	Pending Effectiveness Review
AMS&E	9
Design Engineering & Work Management	1
Asset & Engineering Strategy	1
Distribution	2
Program Management	2
Grand Total	11

Please note: Action Items in 'Pending ASD Effectiveness Review' status are not included in 'Grand Totals'.

Past Due Open Action Item	Status Update Comments
Distribution: Program Management	59 out of 60 high and medium risk Legacy spans either have had Markerballs installed or shielded by another marked span. The last legacy span was on hold due to COVID-19 Crew Pod Restrictions, but Engineering performed additional analysis and confirmed we would be able to install Markerballs on the Eagle Rock - Sylmar 220kV M17T1-M17T2 span with no remediation. Wilson Construction is scheduled for July 12 and July 19 to finish the Markerball installation.