

Canadian Natural and Quinn Contracting Dashboard MGSA # 810354-1 - Supplement 3 Q3 2017

Review held on October 19, 2017



Leading inflication 2015 2016 CQ 2017 CQ 2017 CQ 2017 2017	I. Safety ComplyWork	k Status = /	Acceptable									
Value of Principles 18,53 18,53 18,53 18,53 18,53 18,53 12,50 18,53 12,50 18,53 12,50 18,53 12,50 18,53 12,50 18,53 12,50 18,53 12,50 18,53									2017F* vs			
Institution 10	Leading Indicator	2015	2016	Q1 2017	Q2 2017	Q3 2017	2017 YTD	2017F*	2016	Safety Performance Observations - Leading Indicators	Exposure Hours	
Accordance Control C	Man-Hours	231,066	210,544	51,112	61,839	53,588	166,539	222,052	5%	- Any value in targets for each Safety Indicator?	250 -	
No. State	Hazard ID's	843	935	297	333	316	946	1,261	35%			
Preference Pre	Safety Meetings	15	15	4	8	3	15	20	33%	- Volume of Pre-Task Analysis Cards & BBSO's has dropped compared to other Leading Indicator		
Processing 1,288 1,588 1,598	Work Site Inspections	289	265	70	108	67	245	327	23%	workstreams (2017F vs 2016)		
Control Cont	Pre-Task Analysis Cards	7,770	6,373	1,451	1,645	1,513	4,609	6,145	(4%)			
Moderation Mod	Pre-job Toolbox Meetings	1,828	1,606	390	575	468	1,433	1,911	19%	- What drives level of work-site inspections? 70 in Q1 vs 108 in Q2	Hours = 105% of 2016 levels	
Leggin finished 10 10 10 10 10 10 10 1	· ·	2,243	1,946	485	495	523	1,503	2,004	3%		요 130 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기	
The class code 0	Lagring Indicator	2015	2016	01 2017	03 2017	02 2017	2017 VTD	20175*		Cofety Desfermance Observations Logging Indicators	<u>8</u> 100 -	
The Selection of Section Control C					-	-					·	
Last Time Network 1	· ·									- Clarify Near Miss/Near Hit definitions and reporting method.	50 -	
Record Applications O										The section is a second self-self-self-self-self-self-self-self-		
Second S							_				l de la la la compania de la	
Second S										Aids and Vehicle Incidents.	0 +	
Note Province Pr											30 00 10 10 10 10 10 10 10 10 10 10 10 10	
Member stockers 1	·	2								•	5. 5. 191 top Way top Way 1712, 171, trip top 260 301, 502,	
No. Processing Process 2		1							50%	2016 vs 2017 First Aid incidents, root causes, and action plans to correct?		
No. Continuous Improvement & Value Opportunities Salue Opportunities Salue Opportunities Salue Opportunities Salue Opportunities Salue Opportunities Operational Performance Operational Performan			_				_		-		■ Staff ■ Sub Contractors	
Measure Target 2016 Q1 2017 Q2 2017 Q3 2017 2017**		_	1	1	0	0	1	1	-			
Measure Target 2016 Q1 2017 Q2 2017 Q3 2017 2017**	III. Operational Performance									IV. Continuous Improvement & Value Opportunities	Value Improvement	
Reverse 100	Measure	Target	2016	Q1 2017	Q2 2017	Q3 2017	2017 YTD	2017F*	2017F* vs 2016	Initiative Measure Savings Goal Status		
No.	Rework		\$3,126	\$300	\$1,500	\$687	\$2,487	\$3,317	6%	S24k per Year Implemented	\$25 - \$24 Bobcat at Primrose, and rent Bobcat	
Regair Rate On the later of the	NCR's		3	1	2	1	4	5	78%	I Reing Reviewed	8 \$15 -	
Total Repairs 6 Perula No Data 507 271 275 1,053 1,404 No Data 0 Initiative #1 - Init to Non-Productive Time section 1	Repair Rate		No Data	0	0	0	0	0	No Data	3) Confined Space Permiting Clarifying Objectives of Benefit from operations Contining with	5% x \$12 MM = \$0.6 MM	
Packages Signed of thy Quanniff CRIS, Boxers Tab 399 53 224 542 819 1,092 174% 6 Initiative #3-link to Mon-Productive time section below - data for Q1 2018	Total Welds	# of Welds	No Data	507	271	275	1,053	1,404	No Data	4) Intiative #1 - link to Non-Productive Time section	\$0	
Pechage: In Review by Qualing Tito 16 4 13 40 57 76 375%	Total Repairs		No Data	9	3	3	15	20	No Data		Seri Octil Rang Decig Periz Periz Periz Beriz Beriz Periz Pinz Pinz Pinz	
Package: Completed and Scanned TBD 304 0 60 174 234 312 3% IV. Non-Productive Time [Placeholder for Q1 2018 Review] IV. Non-Produ		TBD	399	53	224	542	819	1,092	174%	· ·	■ Cost Avoidance ■ Cost Savings	
IV. Non-Productive Time [Placeholder for Q1 2018 Review] Jan to Sep 2017 Jan to Sep 2017 - Top 5 Non-Productive time drivers 18	Packages: In Review by Quinn	TBD	16	4	13	40	57	76	375%			
Jan to Sep 2017 Jan to Sep 2017 Jan to Sep 2017 -Top 5 Non-Productive time drivers	Packages: Completed and Scanned	TBD	304	0	60	174	234	312	3%	Annual Spend - All Wolf Lake	Annual Spend - by Segment	
- Top 5 Non-Productive time drivers - Prioritize which ones we can support each other on - Link to Targets Canadian Natural Operational Feedback / Updates - Confined space permit draft - Audit Team appreciates the support received from Quinn (Dick Dornstauder) Quinn Natural Operational Feedback / Updates - 934,624 recordable free hours as at Sep 30, 2017 2015 2016 2017 YTD 2017 Full Year										Jan to Sep 2017	Jan to Sep 2017	
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- Link to Targets Canadian Natural Operational Feedback / Updates - Confined space permit draft - Audit Team appreciates the support received from Quinn (Dick Dornstauder) Quinn Natural Operational Feedback / Updates - 934,624 recordable free hours as at Sep 30, 2017 2015 2016 2017 YTD 2017 Full Year	·										\$11.7	
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Canadian Natural Operational Feedback / Updates - Confined space permit draft - Audit Team appreciates the support received from Quinn (Dick Dornstauder) Quinn Natural Operational Feedback / Updates - 934,624 recordable free hours as at Sep 30, 2017 2015 2016 2017 YTD 2017 Full Year	- Link to Targets									\$11.2	\$10.0 -	
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- Audit Team appreciates the support received from Quinn (Dick Dornstauder) Quinn Natural Operational Feedback / Updates - 934,624 recordable free hours as at Sep 30, 2017 2015 2016 2017 Full Year										Σ 10	≨ \$6.0 -	
Quinn Natural Operational Feedback / Updates - 934,624 recordable free hours as at Sep 30, 2017 2015 2016 2017 Full Year \$1.0 \$1.4 2017 Full Year	· · · ·									Σ 8 -	\$4.0 \$2.8 \$3.6 \$3.3	
Quinn Natural Operational Feedback / Updates - 934,624 recordable free hours as at Sep 30, 2017 2015 2016 2017 Full Year	Addit Team appreciates the support received from Quinn (Dick Domistauder)									- 6 -	\$2.5	
- 934,624 recordable free hours as at Sep 30, 2017 2015 2016 2017 YTD 2017 Full Year 2015 2016 2017 YTD 2017 Full Year	Outon National On	Alamat F		المامة الما						4 -		
0 Projection 2015 2016 2017 YTD 2017 Full Year	-			-								
2015 2016 2017 YTD 2017 Full Year	- 934,624 recordable free h	hours as at S	Sep 30, 2017									
										2015 2016 2017 VTD 2017 Full Voca	Projection	
Projection										· '	■ Operations ■ Wells Servicing ■ Turnaround	

^{*}F = Trend for full year should rate continue