Revised and approved by Council Board of Directors September 17, 2015

Work Plan 2015 BC Forest Safety Council

Progress Reporting Status
(1) ahead (2) on track (3) behind



420 Albert Street
Nanaimo, BC V9R 2V7

Telephone: 250-741-1060 Toll Free: 1-877-741-1060

Fax: 250-741-1068

www.bcforestsafe.org



Contents

2015 Workplan Activities:

1	Training & Education	3
2	SAFE Companies and COR	16
3	Falling	23
4	Transportation	33
5	Corporate	43
6	References	47



Project Title:	Training & Education
Project Goal/Expectation:	BCFSC will develop and deliver quality OHS and COR training and education services that address the safety needs of forestry.

Activity 1.1 — Training Systems, Policies and Procedures

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Develop and refine training department processes and policies.	 training department staff management consultant/facili tator lawyer 	\$8,000	Continued in 2015. Processes fully implement ed in Q4.	Training manager	Develop the following 9 policies and procedures to guide training systems at a level aligned with PCTIA requirements (approximately 90% alignment) 1) Attendance Policies 2) Dismissal Policy 3) Dispute Policy 4) PIPA Policy 5) Program Outlines (each course) 6) Records Policies 7) Facilities Standards Refund Policy 8) Document Control Policy	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Streamlined processes in	Tracking of number of policies	Jan Dec '15	Shifting from PCTIA to ISO/ANSI
training department, with	developed and implemented.		17024 standards initiated in 2015,
clear direction for tasks			with a completion in 2016 to meet
			the Deloitte recommendations



Project Title: Training & Education

Activity 1.2 — Training Program Revisions

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Review training programs, with advisory committee support, to improve content and quality of materials.	 training and falling department staff curriculum writer advisory committees 	\$5,000	Q1-Q4	Training manager	 revisions to Falling Supervisor program minimum of one advisory committee meeting – falling supervisor group 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Improved course content	Evaluation forms Uptake of programs Feedback from instructors	Jan-Dec '15	Certified Falling Supervisor revisions now part of Deloitte Action Plan





Activity 1.3 — Maintain High Quality Instructors

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Conduct quality assurance on instructors as directed by the QA process.	training department staff training contractors	\$22,000	Q1-Q4	Training manager and Program Development manager	Better quality instruction: Instructors have current Council information, and have development needs identified 2 Train the Trainer workshops conducted. One for general Council work and one for an additional (new/revised) program QA reviews for every instructor in 2015	2 2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results						
 Student evaluations show that instructors provide a high quality product 	Evaluation formsQA forms	Jan-Dec '15	Good feedback from participant sheets						
QA review by staff shows that instructors meet or exceed requirements. If not, a corrective action plan is in place									



Activity 1.4 — Supervisor Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
 Deliver supervisor training (new 3- module program) Deliver falling supervisor training (5 day program) 	training department stafftraining contractors		Q1-Q4	Training manager	 Offer 120 supervisors training seats (in each of 3 modules) Offer 100 falling supervisors training seats 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Offer targeted number of training seats. Student evaluations indicate a high quality training experience. 	Number of training seats offeredCourse evaluations	Jan–Dec '15	Training on track



Project Title: Training & Education

Activity 1.5 — Investigation Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Deliver Incident Investigations Programs: O Basic Incident Investigation (BII) O Advanced Incident Investigation (AII)	 training department staff SAFE Co staff training contractors 		Q1-Q4	Training manager	 84 BII training seats offered 72 AII training seats offered 	1 1

Measurement and Evaluation

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Meet number of planned training seats. Student evaluations indicate a high quality training experience. 	 Number of planned training seats Course evaluations 	Jan–Dec '15	Exceeded targets

Activity 1.6 — Chainsaw Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Administer franchise Chainsaw Training	 training department staff falling contractors franchise trainers 		Q1-Q4	 Training manager Franchise trainers 	 112 franchise training seats offered contracts signed QA conducted on trainers 	1



Project Title:	Training & Education
----------------	---------------------------------

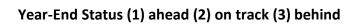
1.6 continued Measurement and Evaluation

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
High quality chainsaw training delivered province-wide.	 Number of training seats offered 	Jan–Dec '15	Exceeded targets
	 Course evaluations 		
	 QA reports on trainers 		

Activity 1.7 — Targeted Workshops

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
In concert with industry requests, deliver (and develop) workshops: - Prime Contractor - Steep Slopes - Emergency Response Planning	 training department staff WSBC staff curriculum writer advisory committee 	Budget was \$22,000 reduced to \$14,000	Q1-Q4	 Program Developme nt manager and Training manager 	Able to meet all industry requests to conduct workshops	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Meet anticipated outputs. Feedback received indicates participants have improved their skills to operate injury free under the specific condition covered in the workshops 	 Number of participants Course evaluations Requests for additional training 	Jan-Dec '15	Remaining on track with reduced budget





Project Title: Training & Education

Activity 1.8 —Mental and Physical Health Programs

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Expand Fit to Log nutrition, hydration and safe movement programs to non- falling companies. Re-introduce Power Driving program and include machine operators. Fatigue management, materials and workshops offered.	training department staff transportation staff training contractors	Budget was \$47,000 reduced to \$15,000	Q1-Q4	Program Development manager	 Offer Power Driving workshops when requested by companies/organizati ons Approximately 6 workshops anticipated Implement Fatigue Science (Readiband) Program with 50 log truck drivers Reach 480 log truck companies and 1700 logging contractors with introductory awareness materials on mental and physical health 	Deferred 1 2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Decrease in injury rates for log truck driving and logging CUs.	 Number of participants Program evaluations Requests for workshops and resources Annual WorkSafeBC injury rate report 	Jan–Dec '15	Remaining on track with reduced budget. Using more cost effective solutions to monitor sleep patterns



Project Title: Training & Education

Activity 1.9 — Skills for Qualified Workers

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
With advisory committees, develop DACUM matrices that identify and evaluate the key skills for competent workers.	 training department staff advisory committees DACUM facilitator 	\$55,000	Q1-Q3 Q4 - Develop training if requested	Training manager	 four DACUM workshops four competency matrices four evaluations (including logging supervisor) 	1 1 1

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 DACUMs completed and ready to be used to develop training (if requested by industry) Industry managers download evaluations and competency matrices from website 	 DACUM documents completed Number of evaluations downloaded from website 	Jan–Dec '15	Ahead of target by completing 6 DACUMS and supporting materials.



Project Title: Training & Education

Activity 1.10 — Certified Incident Investigation Advisors Program

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Maintain incident	 training department 	Budget	Q1-Q4	Program	 Advisors called upon by industry to 	2
investigation advisors to provide advice to	staff	was \$15,000		Development manager	support	
industry on	training	reduced		manager	investigations	
completing high	contractors	to			Continued training	2
quality investigations.	advisory	\$5,000			opportunities for advisor group	
Continue meetings of advisory group to identify further actions to improve	committee				 New resources developed by advisory committee 	2
investigations within industry.					 Maintain a pool of 6 advisors 	2
					 Promote use of advisors within industry 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Smaller companies have support and learn to conduct excellent quality investigations and identify effective corrective actions.	 Requests for support on investigations (track each year) Number of advisors in group 	Jan–Dec '15	On track with reduced budget



Project Title: Training & Education

Activity 1.11 — Tools for Behavior Change

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Continue work to develop tools to support behavior change (safer choices).	 training department staff behavior change contractors advisory groups 	Budget was \$20,000 reduced to \$10,000	Q1-Q4	Training manager	 continue 3 point project with log truck drivers begin second project (possibly lockout) workshops 	1 Deferred

Measurement and Evaluation

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Reduction in fall injury rates for log truck drivers.	 Tracking of activity (included in project deliverables) Requests for tools/review 2016 WorkSafeBC injury rate report 	Jan-Dec '15	Ahead of schedule with reduced budget

Activity 1.12 — New Worker Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Develop new worker training – if requested by industry. This training has been discussed but not confirmed.	training department staffcurriculum designer	\$14,000 reduced to \$0.00	Q3, Q4	Training manager	webinarresourcesadvisory committee meeting	Deferred (eliminated budget / combined with skilled
	advisory committee					for qualified workers)



Activity 1.12 – continued Measurement and Evaluation

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Webinar is developed and delivered.	Number of webinar attendees	Q4	Deferred budget

Activity 1.13 — Hazard Recognition

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Develop hazard recognition tools – Not another system or acronym. Training on how to practically incorporate hazard id into daily business.	 training department staff curriculum designer industry experts videographer 	Budget was \$14,000 reduced to \$0.00	Q3, Q4	Training manager and Program Development manager	 video (reminder to stop and think) tailgate package 	Deferred (eliminated budget / combined with skilled for qualified workers)

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Video and tailgate packages are delivered.	Number of video hits on YouTube channel.	Q4	Deferred budget Hazard recognition tools built into Yarding competency guidelines, and Faller competency standards.



Project Title: Training & Education

Activity 1.14 — Steep Slope Logging Project with FP Innovations

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Support industry and FP Innovations in developing new steep slope logging approaches and technologies.	FP Innovations Industry representatives	\$0	Q1-Q4	CEO	 Administration of the steep slope program funded through the Western Diversification Program, as per the project guidelines Development of dashboard stability indicator technology, machine stability rating system and winch assisted tethering application 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Meeting outcomes stated in the project guidelines, including the completion of the three projects.	Regular progress reports as required by the project guidelines.	Jan-Dec '15	All of the Steep Slope and Information Package has been presented to industry at the ILA conference. Steering Committee making revisions based on feedback.



Project Title: Training & Education

Activity 1.15 — Safety Conferences

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Identify industry champions to organize safety conferences in the Southern and Northern Interior.	 Council staff WSBC rep's Ministry (MoFLNRO) rep's Industry rep's 		Q1-Q4	Manager, Training & Program Development	 Creation of Steering Committee(s) to organize Conferences 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Number of conference planning meetings held	Meeting minutes and conference materials	Q1-Q4	
Conferences organized and carried out			

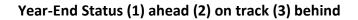


Project Title:	COR and SAFE Companies
Project Goal/Expectation:	BCFSC will develop and deliver quality OHS and COR training and education services including the provision and management of the industry pre-qualification certification and COR program.

Activity 2.1 — COR and SAFE Companies Program Certifications

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Engage employers to become certified.	Program fundingCOR Adviser		Jan-Dec '15 (ongoing)	COR Admin. staff and Advisors	New COR and SAFE Companies Certifications:	1
					30 IndividualOwnerOperators	90
					o 60 Small Employers	283
					O 10 Large Employers	35

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Net increase of 100 companies participating in the COR and SAFE Companies Program.	Number of new COR and SAFE Companies certifications.	Jan-Dec '15 (ongoing)	186 net new certifications as of December 31, 2015.





Activity 2.2 — COR and SAFE Companies (Quality Assurance)

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Complete desktop audit reviews and conduct onsite verification audits, in accordance with the COR Program Standards and Guidelines and SAFE Companies	 Program funding COR Adviser Consultants WorkSafeBC data 		Jan-Dec '15 (ongoing)	COR Admin. staff and Advisors	Successful completion of COR Audit Quality Assurance as per program Standards and Guidelines and SAFE Companies Guidelines	Successfully completed and passed COR S&G Audit.
Guidelines.					197 Certifying Partner Initiated Verification Audits completed of COR and SAFE Certified Companies including	188 verification audits completed
					 WIVA Audits as determined by WorkSafeBC 	24 WIVA audits. Total 212
					• 5 week turnaround in audit review time	Met

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Successful employer interactions as determined by subjective evaluation of safety advisor	Track number of verification audits	Jan-Dec '15 (ongoing)	
 Increased adoption of OHS practices by selected employers 			
 Increased audit score one year after verification 			



Activity 2.3 —"Safety is Good Business" Project

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Develop training and resources for owners to demonstrate the business case for safety in the industry sector.	 Program funding CEO Training Manager Consultants Safety Advisors Industry Advisory Team 	\$20,000	Q1 – Q2 Research, build content and course Q3 Completi on & training delivery	Training Manager	80 training seats offered (webinar and 3 workshops)	Course is scheduled for completion in Q3/Q4 and is part of the performance-based consulting initiative. Note: this project has transitioned into training Workplan Activity 1.12.

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Increased awareness of the business case for safety and how to integrate safety within the core business as it relates to the industry sector.	 Number of owners attending course Number of owners attending course that pursue COR Certification Post-class course survey data Industry survey 	 Q1- Q2 Research training and content development Q3 Completion and training delivery 	



Activity 2.4 — COR & SAFE Companies Auditor (Initial Certification) Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
 Deliver initial COR and SAFE Companies Auditor Certification training for external and internal auditors Revise initial certification training to reflect revised COR and SAFE Companies audit standard 	 Program funding COR Advisor TAC Consultant Trainers 		Jan-Dec'15 (ongoing)	Training Manager	 27 (Large Employer) Trained & Certified as Internal Auditors for the first time 365 (Small Employer / Owner Operator) Certified as Internal Auditors for the first time 	40 large employer auditors trained (7 external and 33 internal) 419 (Small Employer/Owner Operator) certified to date (331 SE and 88 IOO's)

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Increased understanding of COR and SAFE Companies audit tools and policy and procedures related to the audit process 	Number of participantsPost-class / online course survey data	Jan-Dec'15 (ongoing)	
 Improved auditor performance 			
 Consistent application of COR and SAFE Companies auditing tools, policies and procedures across participating employers 			



Activity 2.5 — COR Auditor (Refresher/Recertification) Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Deliver COR refresher training to enable auditors to maintain their certification Revise refresher/re certification training to reflect revised COR and SAFE Companies audit standard	 Program funding COR Advisors TAC Consultants 	\$18,000	Jan-Dec'15 (ongoing)	Training Manager	• 175 (Small Employer / Owner Operator) Internal Auditors trained & recertified • Revised BASE and Small Employer auditor training courses	1 532 trained and recertified (392 SE and 140 IOO's) BASE training course revised with 133 auditors trained. Small employer audit not approved by
						WSBC.

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Increased understanding of COR audit tools, policies and procedures related to the audit process Improved auditor performance Consistent application of COR auditing tools, policies and procedures across participating employers 	 Number of auditors certifying Participant performance and compare trends of previous years Post-class / online course survey data 	Jan-Dec'15 (ongoing)	



Project Title: COR and SAFE Companies

Activity 2.6 Return to Work (RTW) & COR Helpline Service

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Ongoing service provision of BCFSC's dedicated RTW & COR industry helpline	 Program funding COR Admin Internal marketing resources WSBC Forestry Centre of Excellence 	\$20,000	Jan- Dec'15 (ongoing)	Director, SAFE Companies	 Provision of helpline during office hours and support of coastal industry claims pilot with WSBC 	On-going. Results indicate industry reduced Form 7 reporting from 21 days to 12 days.

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Increased helpline usage Increased stakeholder understanding of responsibilities under the Act, OHSR and other applicable laws and regulations Increased stakeholder understanding of the benefits and requirements of the COR program Increased adoption of OHS, Return to Work and Injury Management practices 	 Number of calls and enquiries Evaluation of claims duration and time to report claims – looking for decrease in duration 	Jan-Dec'15 (ongoing)	



Project Title: COR and SAFE Companies

Activity 2.7 — Implement revised COR and SAFE Companies audit system

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Start to implement revised COR and SAFE Companies audit system. Maintain service of COR and SAFE Companies system to naturally aligned employers.	 Program funding COR Advisors TAC Committee Operational Staff 		Jan-Dec'15 (ongoing)	Director, SAFE Companies COR Admin. staff and Advisors	One third of COR and SAFE Companies transferred to revised system	WSBC did not approve small employer audit tool. BASE companies are transitioning to new version with all companies converting in 2016.

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Successful transfer of one third of companies to new system	 Track number of companies successfully 	Jan-Dec'15 (ongoing)	
 Increased adoption of OHS practices by selected employers 	transferred to revised system		
	 Industry feedback is positive 		



Project Title:	Falling
Project Goal/Expectation:	BCFSC will deliver a quality falling program that will reduce serious faller incidents and fatalities

Activity 3.1 — New Faller Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
 Deliver New Faller Training to 	Fee for service for		Jan-Dec '15	NFT Program	• 50 Students	3
50 students Have capacity to deliver up to 100 students	student training NFT Program Coordinator (Lead)		(ongoing)	Coordinator	trained	13 Trained YTD through BCFSC; project 2015 total of 12 if funding application from Ministry is not successful
	Falling Program Team					 5 Trained through Industry Partnerships YTD; one trainee currently in the training
	QS/T Contractors					In summary, will not meet target. 18 faller trainees trained this year. 13 through the BCFSC new Faller Training Program and 5 through the Industry New Faller Training Program

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Trainee fallers ready to work in industry for their 'up to 180 days' work experience prior to certification.	 Number of NFT students successfully trained or failed Number of NFT students successfully certified, or attempted Participant feedback indicates that the learning objectives were delivered 	Jan-Dec '15 (ongoing)	

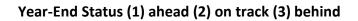


Project Title: Falling

Activity 3.2 — Faller Certification

Activity Inputs Budget Time Frame Responsible Anticipated Outputs Progress Reporting 1 Jan-Dec '15 (ongoing) Program Development Administrator (Lead) Falling Program Team Output Contractors 1 Jan-Dec '15 (ongoing) Program Development Administrator Program Development Administrator Program Development Administrator Output Development Administrator Administrator Falling Program Team Output Development Administrator Output Development Administrator Administrator Falling Program Team Output Development Administrator Output Development A		I			1	1	
• Training & Program Development Administrator (Lead) • Falling Program Team • QS/T Contractors • Training & Program Development Administrator (Lead) • Falling Program Team • QS/T Contractors • Meet the demand for skills assessments on hold pending revisions and WorkSafeBC approval to use an updated assessment form; will not meet target • Meet the demand for skills assessments for New Faller Trainees who have completed their 'up to 180 days' work experience	Activity	Inputs	Budget		Responsible	Anticipated Outputs	Progress Reporting
(estimate 33)	Ī -	 Training & Program Development Administrator (Lead) Falling Program Team QS/T 		' 15	Program Development	for skills assessment challenges to the requirement for 30 days of New Faller Training (estimate 10) • Meet the demand for skills assessments for New Faller Trainees who have completed their 'up to 180 days' work	 Certifications were on hold pending revisions and WorkSafeBC approval to use an updated assessment form; will not meet target 15 certifications

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Fallers are assessed and certified to the BC Faller Training Standard.	 Number of applicants declined, certified for certification, or failed, through the skills assessment challenge process Number of applicants declined, certified for 	Jan-Dec '15 (ongoing)	
	certification, or failed, through the New Faller Training process		
	 Participant feedback that certification process was adhered to 		





Project Title: Falling

Activity 3.3 — Qualified Supervisor/Trainer

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Deliver QS/T	Fee for service for		Jan-Dec '15	Training &	• 12	2
Training to 12	student training		(ongoing)	Program	participants	
participants				Development	trained	On track
	 Training & Program Development Administrator (Lead) QS/T Contractors 			Administrato r	o 6 qualified to certify fallers	• 11 participants trained, resulting in 6 new QSTs
					 6 qualified to train fallers 24 quality assurance/me ntor visits to new QS/Ts 	• 10 quality assurance visits for QST

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
QS/Ts are trained and can meet the needs of industry for certifying and training fallers	 Number of QS/T participants trained Number of QS/T participants qualified to certify fallers Number of QS/T participants qualified to teach new faller training Number of quality assurance visits to new QS/Ts Participant feedback indicates that the learning objectives were delivered 	Jan-Dec '15 (ongoing)	



Project Title: Falling

Activity 3.4 — Certified Falling Supervisor

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Certify falling supervisors to meet industry demand	 Program Funding Training & Program Development Administrator (Lead) Falling Safety Advisors Falling Program Team 		Jan-Dec '15 (ongoing)	Training & Program Development Administrator	 Meet the demand for Certified Falling Supervisors Falling Supervisors are supported through the certification process by Falling Safety Advisors 	• Meeting target 27 Falling Superviso rs have been certified

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Certified Falling Supervisors meet industry best practice for supervision of hand fallers	 Number of days preparing falling supervisors for certification Number of falling supervisor certification assessments for Coastal Harvesting operations Number of falling supervisor certification assessments for Interior Harvesting operations Number of days supporting falling supervisors 	Jan-Dec '15 (ongoing)	



Project Title: Falling

Activity 3.5 — Falling Safety Advisors (In field support)

Activity	Inputs	Budget	Time Frame	Responsi ble	Anticipated Outputs	Progress Reporting
Deliver In	Program	450,000	Jan-Dec	Falling		2
field falling support	Funding • Falling		'15 (on- going)	Manager		As of December 31, 2015:
services (80% of	Safety Advisors				 50 Quality Assurance activities - fallers, 	• 24 faller quality assurance
falling safety	Falling				falling supervisors and existing QS/Ts	•11 Falling Supervisor quality assurance
advisor time)	Program Team				15 Confidential Company reviews of falling safety systems	• 7 Confidential Company reviews
• Falling Technical					 10 Falling Supervisor Certification Preparation visits 	• 15alling Supervisor Certification Preparation visits
support resource to Industry (20% of					 10 Support visits for Dangerous Tree Faller Blasters 	• 3 Support visits for Dangerous Tree Faller Blasters
falling advisor					• 20 Remedial training days	 Approximately 8 Remedial Training days (6 fallers)
time)					 300 Support days for fallers, falling supervisors and QS/Ts 	
					 Falling Supervisors Certifications that meet the requirements for Coastal and Interior operations 	• 292 Faller visits and 61 falling Supervisor visits
					 Falling Incident Investigation support 	• See Activity 3.4
					on request	• 1 Incident Investigation assistance provided
						 Overall significant demand and good feedback for Falling Safety Advisors. The third Falling Safety Advisor is now actively supporting industry in the field



Project Title: Falling

3.5 Measurement and Evaluation continued

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Monthly falling	Number of Quality Assurance activities - fallers, falling supervisors	Jan-Dec '15	
program field activity	and existing QS/Ts	(ongoing)	
report.	Number of Confidential Company reviews of falling safety systems		
	Number of Falling Supervisor Certification Preparation visits		
	Number of Support visits for Dangerous Tree Faller Blasters		
	Number of Remedial training days		
	Number of Support days for fallers, falling supervisors and QS/Ts		
	Number of Falling Supervisors Certifications		
	Number of Falling Incident Investigation support visits		



Project Title:	Falling

Activity 3.6 — Project – Booklet Top 5 Ways to Keep Fallers Safe

share information on the top 5 ways to keep fallers safe. • Falling Manager • Falling Program Team • Falling Program Team • Falling Program Team • Falling Program Team • Project in the falling Program Team • Project in the falling Program Team	Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Contract facilitator Contractor (Publisher) Falling S Info flip (complet decision made to on printifiguration flip until Falling S standare Deloitte complet ensure t were no Mechan info flip nearing complet should b printers Februan (safe) careers should b careers Februan 3 additic projects budget. Question (complet decision made to on printifiguntil Falling S standare Deloitte complet ensure t were no Mechan info flip nearing complet should b printers	share information on the top 5 ways to keep fallers	 Falling Manager Falling Program Team Falling experts Contract facilitator Contractor 	\$20,000		Falling Manager	Booklet developed that shares experience s of fallers that had successful (safe)	(more items addressed) • Project is nearing completion and should be sent to printers by February 29 • 3 additional projects on the budget. Faller Questionnaire (completed) • Falling Supervisor Info flip (completed) – decision was made to hold off on printing info flip until the Falling Supervisor standard through Deloitte was complete, to ensure there were no gaps • Mechanical/Faller info flip Project is



Measurement and Evaluation continued						
Outcome Indicators	Data Collection	Time Lines	Evaluation Results			
Fallers support the		Jan-Dec '15 (ongoing)				
publication and implement						
the top tips into their work						
practices.						

Project Title:	Falling

Activity 3.7 — Project – Modularize New Faller Training Materials

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Complete process to update New Faller Training course materials. This will include consideration of modularizing the training and determining if and how Single Standing Stem and Tree Topping can be incorporated.	 Program funding for updating materials Program Funding Falling Manager Falling Program Team Falling experts Contractor 	Budget was \$50,000 reduced to \$0.00		Falling Manager	Updated training materials	Project was deferred due to budget changes

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Updated course materials		Jan-Dec '15 (ongoing)	
meet the needs of new			
faller trainees.			

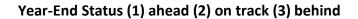


Project Title: Falling

Activity 3.8 — Project – Update QS/T Materials

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Conduct QS/T quality assurance, ongoing professional development and complete ongoing updates to training materials.	 Program Funding for quality assurance, QS/T meetings & updating training materials Falling Program Team QS/T Contractors 	 Budget was \$25,500 reduced to \$12,500 \$2,500 updating materials 			2 QS/T meetings Updated training materials	• Due to budget changes, 1 meeting is planned in Q4 • QST exams were updated

Data Collection	Time Lines	Evaluation Results
Number of QS/T meetings	Jan-Dec '15 (ongoing)	
Project report on completion of QS/T materials		
	Number of QS/T meetings	• Number of QS/T meetings Jan-Dec '15 (ongoing)





Project Title: Falling

Activity 3.9 — Qualified Faller/Training (QF/T) to support Industry Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Deliver QF/T Training and quality assurance; update the training materials as required.	 Program Funding NFT Program Coordinator (Lead) Falling Program Team QS/T Contractors 	Budget was \$50,000 reduced to \$25,000	Jan-Dec '15 (ongoing)	NFT Program Coordinator	8 QF/T participants trained 30 quality assurance/men tor visits to QF/Ts	Due to budget changes, it was decided to run 1 course with 6 participants. The course is scheduled for September 15. 4 quality assurance visits to QF/Ts

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Industry Training is available as a viable option to train new fallers.	 Number of QF/T participants trained Number of fallers trained by QF/Ts Participant feedback indicates that the learning objectives were delivered 	Jan-Dec '15 (ongoing)	



Project Title:	Transportation
Project Goal/Expectation:	Determine the type, frequency and factors relating to transportation safety incidences and provide data, expertise, resources and support to the forest industry to improve transportation safety performance.

Activity 4.1 — Data Acquisition and Analysis

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Data Acquisition and Analysis	TS Staff Forest Industry safety incident data WSBC ICBC CVSE	\$500	Jan-Dec '15 Ongoing	Director, Transportatio n Safety	Compiled and analysed data set to include: Nature and severity of incidents Location Type and number of vehicles involved Injury type and severity Causation Recordable incident rate per timber volume harvested Communication of findings	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Clear understanding of safety issues and trends by BCFSC and industry.	Safety Incident data for	2015 Quarterly	
Ensure Workplan targets items that will reduce serious injuries and fatalities.	industry specific to	(ongoing)	
Establish baseline data.	transportation		
Ability to demonstrate where practical the direct relation between TS programs and improvements in safety.			
Communicate findings with industry			



Project Title: Transportation

Activity 4.2 — Trucking Advisory Group

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Support Trucking Advisory Group	TS Staff BCFSC CEO Forest Industry data and member input on industry requirements/priorities	\$10 000	Jan-Dec '15 Ongoing	Director, Transportatio n Safety	 Ensure group is effective and efficient in mandate Aid in the identification and implementation of safety initiatives Provide direction on funding and resource allocation 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Expedited buy in and cooperation for key safety initiatives. 	 Meeting minutes 	Quarterly (ongoing)	
Identify key transportation safety related issues.	• Budgets		
Provide direction on transportation safety initiatives.	Action plans		
Provide feedback on existing initiatives.	Action items		
TAG membership represents key players in BC forest industry.	and assigned responsibilities		
Improves the value of TS and LTTAC outputs to both industry partners and log hauling community.			



Project Title: Transportation

Activity 4.3 — Log Truck Technical Advisory Committee

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Support Log Truck Technical Advisory Committee	TS Staff	\$23 000	Jan-Dec '15 Ongoing	Director, Transportation Safety	 Ensure group is effective and efficient in mandate Aid in the identification and implementation of safety initiatives Provide direction on funding and resource allocation 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Identify key transportation safety related issues.	Meeting	Quarterly	
Provide technical expertise.	minutes	(ongoing)	
Provide direction on transportation safety	 Budgets 		
initiatives.	 Action plans 		
Provide feedback on existing initiatives.	Action items		
Ensure LTTAC membership represents the key players in log truck transportation.	and assigned responsibiliti es		



Project Title: Transportation

Activity 4.4 — Woodlot and Community Forest Safety Advisory Committee (WC-SAC)

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Support Woodlot and Community Forest Safety Advisory Committee (WCSAC)	• TS Staff	\$16 500	Jan-Dec '15 Ongoing	Director, Transportation Safety	 Continue support to WC-SAC; maintain group. Continue process development. Annual review of terms of reference. Set meeting dates, initiate and chair. Solicit recommendation s and feedback from group and establish relevant actions 	1 5 meetings completed

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Identify key safety related issues. 	Woodlot and	Quarterly	
Expedited buy in and cooperation for key safety initiatives.	Community Forest Safety Incident Data	(ongoing)	
Provide direction on key safety initiatives.			
Provide feedback on existing initiatives.			
Improves the value of BCFSC outputs to WC-SAC and other industry partners.			



Project Title: Transportation

Activity 4.5 — Road Safety Management Committees

-	-					
Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Participate in Road Safety Management Committees or similar	TS Staff RSMC Members	\$9 000	Jan-Dec '15 Ongoing	Director, Transportation Safety	 Annual summary of current status of each RSMC. Post or otherwise provide easy access to Forest Road Procedures. Provide information packages at least once annually to each RSMC. Participate in at least one meeting per group annually. Attend 20 meetings in person. 	Attended 12 meetings

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Improve knowledge of regional transportation and safety issues.	Number of committee meetings attended	Annual (ongoing)	
Improve knowledge transfer between RSMCs.	 Type and amount of resources provided 		
Effectively communicate Information, resources and tools available to improve safety performance to industry and the public.			
Encourage RSMCs to remain active.			
Encourage regional consistency in Forest Road Procedures.			
Encourage adoption of best practices.			



Project Title: Transportation

Activity 4.6 — Log Truck Driver Training

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Log Truck Driver Training (LTDT)	 TS Staff Funding LTTAC CHAG TAG Forest Industry partners with BCFSC to develop log truck training initiative. 	Total = \$500 000 Sponsorsh ips = \$422 000	Jan-Dec '15 Ongoing	Director, Transportati on Safety	 LTDT competency summary. Full LTDT competency document LTDT support documents available online. Log Truck Driver standards and training program(s) that are accepted and supported by the forest industry and province. 30 drivers trained through industry partners. 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Training standard accepted by industry that improves new driver skills, knowledge and safety performance.	 Number of students trained Institution feedback survey data Student feedback survey data Employer feedback survey data Cost per student 	Q2 & Q4 (Ongoing)	



Project Title: Transportation

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Log Truck Driver Certification (LTDC)	 TS Staff ICBC Industry partners LTTAC TAG CHAG 	Total = \$34 000 Sponsors hips = \$ 20 000	Jan-Dec '15 Ongoing	Director, Transportatio n Safety	 LTDC assessment piloted, revised and final draft complete. Three LTDC assessor recruited, assessed and trained. LTDC support documents available online. 	2

Measurement and Evaluation

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Log Truck Driver Certification standards and program piloted and results presented to industry.	Number of drivers certifiedOpinions and feedbackCost determination	Jan-Dec '15 ongoing	

Activity 4.8 — Log Truck Mentorship Resources

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Log Truck Mentorship Resources	 TS Staff Print media supplier LTTAC 	\$7 000	Jan-Dec '15	Director, Transportation Safety	 Research and evaluation of existing tools and resources. Gap analysis Draft a resource package Feedback from LTTAC and industry. 	2



Project Title:	Transportation	
i roject ritie.	Transportation	

4.8 continued Measurement and Evaluation						
Outcome Indicators Data Collection Time Lines Evaluation Results						
 Provide industry with tools to successfully mentor new log truck drivers. Increase industry knowledge of the benefits of mentoring. 	Survey industry as to value of resource package	Jan-Dec '15				

Activity 4.9 — Vehicle Identification Project

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Vehicle Identification Number Project	TS Staff Industry VIN registration Contractor/Web site development	\$1 000	Jan-Dec '15 Ongoing	Director, Transportatio n Safety	Website and associated administrative tools to assign VIN and monitor and report on safety issues and performance 500 new vehicles registered	vehicle registration ahead of target. Website developme nt behind schedule. 570 vehicles registered

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Tools and processes that successfully increase communication, driver accountability, safety and reduce incidents.	 Number of VIN registrations Traffic level on website Reported incidences 	Q2 & Q4 (ongoing)	



Project Title: Transportation

Activity 4.10 — Resources

_						
Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Resources	TS Staff Print media contractor Video media contractor	\$4 000	Jan-Dec '15 Ongoing	Director, Transportatio n Safety	 Review and maintain existing resources including: Winter Driving Packages Resource Road User Guide Helicopter Safety User Guide Marine Passenger Safety Guide. TS print media. TS resource packages. Two new TS safety postcards Safe resource road radio use training video 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
Effective communication of Information, resources and tools available to improve safety performance.to industry and the public.	Number of different resources generated.Total resources distributed.	Jan-Dec '15	
 Increase industry knowledge, awareness and engagement. 			



Project Title: Transportation

Activity 4.11 — Communications

Activity	Inputs	Budget	Time Frame	Responsi ble	Anticipated Outputs	Progress Reporting
Communications	BCFSC Staff Forest Industry safety incident data and information Contractors	Total = \$80 000 Sponsorsh ips = \$42 000	Jan-Dec '15 Ongoing	Director, Transpor tation Safety	 Communications plan for the year. TS Rumblings newsletter, Quarterly Three TS articles for industry publications. Radio campaigns when appropriate with work plan items Participate in six trade conferences. Maintain and develop website content relevant to Workplan items. 15 TS safety training/education sessions Organize and participate in the CNRE Health and Wellness Zone 	22 TS training /awareness sessions completed NBCSC completed

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Effective communication of Information, resources and tools available to improve safety performance to industry and the public Increase industry knowledge, awareness and engagement 15 training sessions 	 Rumblings subscriptions Individuals reached through communications activities Session participant information and feedback Number of participants and attendees at the CNRE 	Jan-Dec '15	



Project Title: Corporate

Activity 5.1 —Corporate / BCFSC 2015 Conference

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Support the planning and management of the annual VISC conference for member CUs and related industry CUs.	 Program funding CEO BCFSC Team BSFSC Board & Committees 		Q1-Q3- Event planning Q4 completion & facilitation of 1 day conference	CEO	 Annual conference Report progress of industry initiatives 	planning well underway

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Growth in attendance and level of satisfaction Increased awareness of latest health and safety developments and opportunities for improvement as they relate to the member CUs and related businesses 	 Delegate numbers Conference evaluations 	Jan – Oct '14	



Project Title: Corporate

Activity 5.2 — Corporate / Marketing & Communications

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Develop and promote communications and media content to increase awareness of BCFSC and industry initiatives.	 Program funding CEO Comm. Specialist Graphic Designer (Consultant) 	\$110,000	Jan-Dec '15 (ongoing)	Director, SAFE Companies	• Paid Media: 4 safety themed radio advertisements, published (soft & hard) media advertisements: articles and advertisements in Industry magazines/e news	1 • with 10 year to date and under budget
					 Hardcopy and eNews Bulletin: 6 published annually 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Increased awareness of 	Industry feedback	Jan-Dec '15	
BCFSC and industry services and programs in member CUs	WorkSafeBC market	(ongoing)	
 Increased adoption of BCFSC and industry programs and services 	penetration survey		



Project Title: Corporate

Activity 5.3 — Corporate / BCFSC Engagement with Industry

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Promote BCFSC services and programs directly to industry.	Program fundingCEOComm. Specialist		Jan-Dec '15 (ongoing)	CEO	• 15 one-on-one visits with senior leaders	postponed for introducing new CEO in Spring.
					 4 presentations to targeted industry groups 	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results
 Increased awareness of BCFSC and industry services and programs in member CUs 	Industry surveys (every three years)	Jan-Dec '15 (ongoing)	
Increased adoption of BCFSC and industry programs and services			



Project Title: Corporate

Activity 5.4 — Corporate / Outreach Activities (Trade Shows and Events)

Activity	Inputs	Budget	Time Frame	Responsible	Anticipated Outputs	Progress Reporting
Attend trade shows and events to promote the products and services of BCFSC.	 Program funding Comm. Specialist & COR Adviser 	\$30,000	Jan-Dec '15 (ongoing)	SAFE Companies & Operational Personnel	Attendance at 8 trade shows and events in 2015 that align with BCFSC and industry strategic vision	2

Outcome Indicators	Data Collection	Time Lines	Evaluation Results			
Increases industry awareness and adoption of BCFSC and industry programs and services.	 Surveys of trade show and event delegates Industry surveys (every three years) Measurement of outreach activities with industry 	Jan-Dec '15 (ongoing)				



R. Hert

Changes as approved at September 17, 2015 Council Board Meeting.

BC Forest Safety Council 420 Albert Street, Nanaimo, BC V9R 2V7 tel: 250 741 1060 fax: 250 741 1068 www.bcforestsafe.org