

TABLE 006-1

BC TIMBER SALES



ENVIRONMENTAL MANAGEMENT SYSTEM

Environmental Management Program (EMP)

Period: April 01, 2016 – March 31, 2017

Business Area: Seaward-tlasta (TST)

Date Approved: August 16, 2017 by

Duncan Taggart: TSM

Objectives	Significant Aspect Linkage	SFM Linkage	Targets	Actions to Achieve Targets	Indicator	Responsibility	Target Date	Resources Required	Evaluation of Progress
1. Comply with all relevant environmental legislation, regulations and other requirements to which we subscribe.	All	High	1.1 Reduce potential and confirmed non-compliances in BCTS and LPC operations below BA target thresholds.	1.1.1 Review C&E potential and confirmed non-compliances in BCTS and LPC operations. 1.1.2 Ensure all potential and confirmed non-compliances are entered into ITS. 1.1.3 Analyse previous ITS non-compliances, establish BA target thresholds, document rationale, confirm in BA Management Review. 1.1.4 Summarize annual number of confirmed non-compliances in BCTS and LPC operations in ITS, identify trends. 1.1.5 Establish action plan if target thresholds not achieved.	1.1.1.1 Number of potential and confirmed non-compliances in BCTS and LPC operations in ITS.	CSO	March 31	Internal	1.1.1 C&E potential non-compliances was 7 of which 4 were confirmed as non-compliances. 2015-16: 4 & 2 2014-15: 20 & 2 2013-14: 11 & 6 2012-13: 16 & 6 2011-12: 4 & 0 2010-11 6 & 3 1.1.2 All potential and confirmed non-compliances were entered into the Cengea-EMS module. 1.1.3 TST-BA ITS non-compliance target threshold, (based on a 6 year rolling average) = 10 1.1.4 Confirmed non-compliances (with enforcement actions) include: Unknown Fire Danger Class and Unauthorized Harvest. No trends developing 1.1.5 N/A

Objectives	Significant Aspect Linkage	SFM Linkage	Targets	Actions to Achieve Targets	Indicator	Responsibility	Target Date	Resources Required	Evaluation of Progress
1. (con't)			1.2 Reduce significant non-conformances in BCTS and LPC operations below BA target thresholds.	1.2.1 Analyze previous significant non-conformances, establish BA target thresholds, document rationale, confirm in BA Management Review. 1.2.2 Summarize annual number of significant non-conformances in ITS, identify trends. 1.2.3 Establish action plan if target thresholds not achieved.	1.2.1.1 Number of significant non-conformances in BCTS and LPC operations in ITS.	CSO	March 31	Internal	1.2.1 Zero (0) significant non-conformances (SNC) reported. 2015-16: 3 2014-15: 3 2013-14: 2 2012-13: 3 2011-12: 0 2010-11: 2 The TST-BA ITS significant non-conformance target threshold, (based on a 6 year rolling average) = 2 1.2.2 No trends developing. 1.2.3 N/A <i>2015-16 Action (below) complete!</i> 1.2.3 Target not met-- CSO to review a sample of Incident Investigations and provide feedback to staff--(see MR element 2.3 for details).
2. Ensure petroleum & chemical handling practices and spill preparedness and response actions conform with the EMS	Fuel Handling (refuelling, servicing, storage, transport)	High	2.1. Reduce incidents associated with petroleum & chemical handling practices and spill preparedness and response below BA target thresholds.	2.1.1.Record and track all incidents of fuel handling and reportable spills in ITS. 2.1.2.Analyze previous ITS incident data, establish BA target thresholds, document rationale, confirm in BA Management Review. 2.1.3.Summarize annual number of incidents in ITS, identify trends. 2.1.4.Establish action plan if target thresholds not achieved.	2.1.1.1. Number of ITS incidents associated with petroleum & chemical handling practices and spill preparedness and response.	CSO	March 31	Internal	2.1.1 One (0) incident relating to petroleum handling and spills. 2015-16: 0 2014-15: 1 2013-14: 0 2012-13: 1 2011-12: 1 2010-11: 0 2.1.2 TST-BA ITS petroleum handling target threshold, (based on a 5 year rolling average) =1 2.1.3 No trends developing 2.1.4 N/A

Objectives	Significant Aspect Linkage	SFM Linkage	Targets	Actions to Achieve Targets	Indicator	Responsibility	Target Date	Resources Required	Evaluation of Progress
3. Employ effective water management techniques (maintain natural surface drainage patterns, water quality, etc.).	All	High	3.1. Reduce incidents associated with water management below BA target thresholds.	3.1.1. Record and track all incidents associated with water management in ITS. 3.1.2. Analyze previous ITS incident data, establish BA target thresholds, document rationale, confirm in BA Management Review. 3.1.3. Summarize annual number of incidents in ITS, identify trends. 3.1.4. Establish action plan if target thresholds not achieved.	3.1.1.1. Number of ITS incidents associated with water management.	CSO	March 31	Internal	3.1.1 Two (0) ITS associated with water management. 2015-16: 2 2014-15: 5 2013-14: 2 2012-13: 4 2011-12: 0 2010-11: 0 3.1.2 TST-BA ITS target threshold associated with water management, (based on a 6 year rolling average) = 2 3.1.3 No trends developing. 3.1.4 N/A
4. Ensure proper riparian management (RMAs, stream crossings, etc.).	All	High	4.1. Reduce incidents associated with riparian management below BA target thresholds.	4.1.1. Record and track all incidents associated with riparian management in ITS. 4.1.2. Analyze previous ITS incident data to establish BA target thresholds, document rationale, confirm in BA Management Review. 4.1.3. Summarize annual number of incidents in ITS, identify trends. 4.1.4. Establish action plan if target thresholds not achieved.	4.1.1.1. Number of ITS incidents associated with riparian management.	CSO	March 31	Internal	4.1.1 Two (3) ITS relating to riparian Management. 2015-16: 2 2014-15: 4 2013-14: 4 2012-13: 3 2011-12: 3 2010-11: 2 4.1.2 TST-BA ITS target threshold associated with riparian management (based on a 5 year average) = 3 4.1.3 Incidents relating to riparian management include: No trends developing 4.1.4 N/A
TST Local EMP Objective 2015-16 5. Locally, support and implement provincial guidance for SAR and IS.	All	High	5.1. Reduce audit findings related SAR & IS	5.1.1. If warranted, deliver SAR & IS training to TST LPC's and Staff to enhance awareness. 5.1.2. Develop local program materials unique to TST for distribution to LPC's	5.1.1.1. Number of audit findings associated with SAR & IS.	TST Staff	March 31	Internal	5.1.1 Although there was no ITS or audit findings relating to SAR & IS the BA organized and delivered awareness training to TST- MPAD Contractors and staff. <i>2016-17 Action (carried)</i> 5.1.2 Program materials, (i.e. pictorials) are presently being developed to help LPC's and staff identify and manage SAR & IS.

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TST Local EMP Objective 2016-17 6. Locally, support the BCTS corporate (mandatory) requirement for LPC's to take BCFSC 'Road Construction Initiated Landslides Training'. (YouTube Video). This training will promote staff awareness in order to enforce and assist LPC's to reduce the risk of landslides.	All	High	6.1 Reduce audit findings and safety incidents related to Road Construction Initiated Landslides.	6.1.1 View the BCFSC Safety Council Road Construction Initiated Landslide Operator Awareness (YouTube) Video.	6.1.1.1 Number of audit findings associated with Road Construction Initiated Landslides.	TST Engineers, Forest, Ops Techs and Supervisors	March 31, 2018	Internal	

The above EMS-EMP is hereby approved,

ORIGINALSIGNED BY:

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BC Timber Sales
Seaward-tlasta Business Area
Date: August 16, 2017