

Environmental Check List

TRENCHING AND PIPELINE INSTALLATION MANAGEMENT

BBA-CKL-1000-1400-009E

Stream Crossings

Revision	Date	Revision Description	Prepared	Reviewed	Approved
A0	27 April 2007	Draft for BBA review	IW		
A1	9 May 2007	Draft for DTAE review	IW		
B0	31 Oct 2007	Revised after audit and submitted to DTAE for approval	IW	JD	JC

Operational Control Tables

Table OCO 9.1 Trenching and Pipeline Installation Management

Location (Chainage/ Description):	Date of checklist report:	
<i>Check daily, record any non-conformance by date, report weekly</i>		Date
Controls	Non-conformance report	
1. All personnel attended job specific inductions, machinery compliant with hygiene, machinery within service (especially hoses)		
2. Works boundaries established, photo record taken, monitoring requirements established, rainfall/flooding checked.		
3. Vehicle crossings scheduled during dry or low flow periods and avoid sensitive sites		
4. Clearing held off until crossing, minimum tree/shrub removal, trees felled away from stream, stripped materials used for sediment control, seed branches kept		
5. Erosion and sediment controls in place, trenching stopped 3 metre from stream, end plugged, stream bank cutting checked by geotechnician.		
6. Adjacent surfaces graded away from bank, diversion berms/drains, topsoil kept separate and placed outside drainage area/ silt fences installed around stockpiles		

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7. Pipework completed on surface prior to trenching, works within stream kept to minimum, no blasting within water.		
8. Removed streambed materials kept separate for later respreading, silty trench water pumped to grassed/ basin area for settling, runoff back to stream controlled		
9. Sub-surface drains/ trench breakers installed, trench backfilled as soon as possible, replacing layers – streambed materials replaced to similar condition		
10. Streambank rehab, bank protection and planting completed immediately after crossing completed, water monitoring reported as required.		
Verification (Environmental Outcomes):		
A. No effects on cultural, heritage values	Comments (each location):	
B. Minimal stream bank disturbance and destabilisation		
C. Minimal effects of erosion or sedimentation on stream		
D. Effects of construction limited to immediate works area		
E. Stream banks/ riparian areas rehabilitated		
F. Monitoring carried out, reported		
Continuous Improvement:		
Assessed by:		
Non-Conformance Raised by:	Name:	
Issue:		
Date:	Date:	
Corrective Action:	Action:	
Improvement Opportunity Raised by:		
Issue:		
Date:	Report to:	
Improvement:		

If insufficient space, use number reference and add comment to back of form.