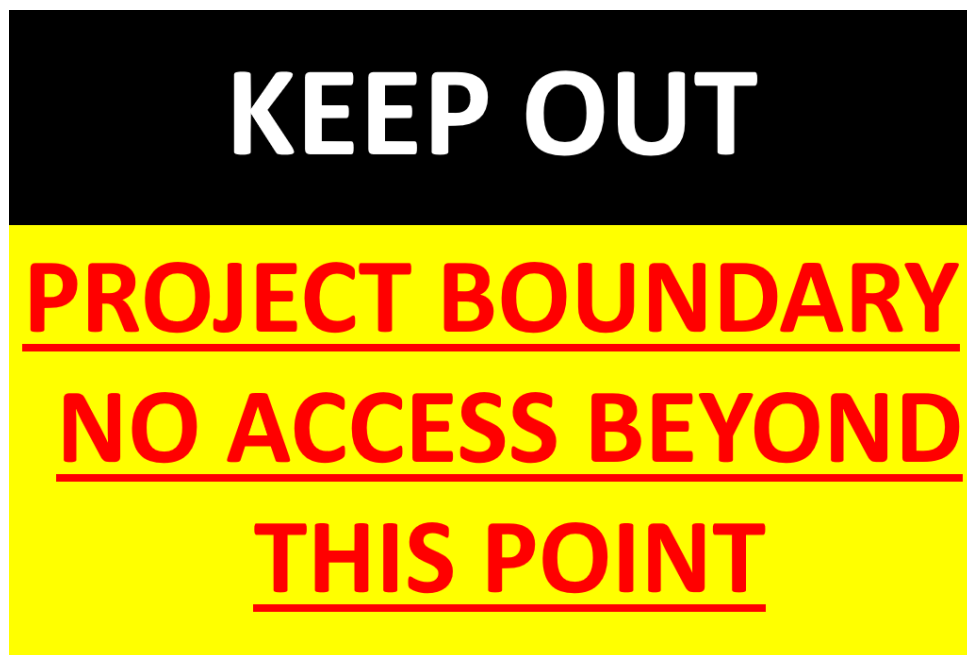
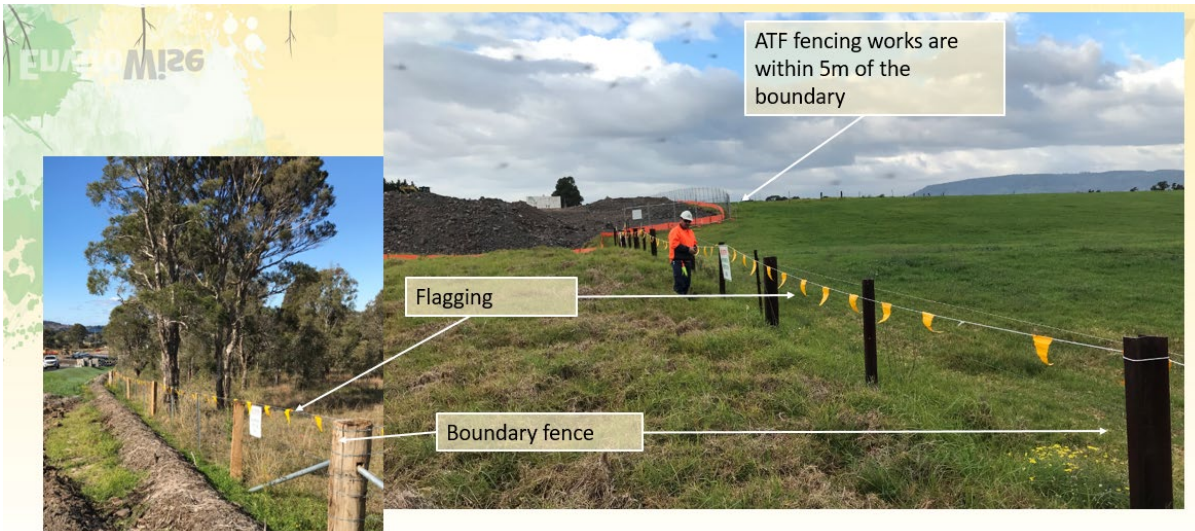



1) Boundary management



2) Permit system

Water discharge



		<h2 style="text-align: center;">OFFSITE WATER DISCHARGE PERMIT</h2>	
		FBB	Doc #:
MUST BE COMPLETED BY FH ENVIRONMENTAL REPRESENTATIVE			
BASIN ID: _____		Date of last Rain event: _____ Amount of Rain: _____ mm	Date Inspected: _____
WORK SITE LOCATION: FOXGROUND AND BERRY BYPASS			
#	CONTROL MEASURE	CONDITIONS	
1	Initial Test Date: _____ If oil and/or grease visible, remove using a suitable absorbent material. <u>Discharge Permitted only if all of the following are met:</u> <ul style="list-style-type: none"> TSS 25mg/L/10NTU There is no oil and grease visible pH is between 6.5 - 8.5 	Turbidity = _____ NTU or TSS = _____ mg/L pH = _____ Oil or Grease Visible - <input type="checkbox"/> Yes <input type="checkbox"/> No Estimated Volume of Water = _____ M ³	
2	Flocculate How much flocculent was added? How much Lime was added (raised pH) to meet the required pH range? (if required)	Amount: _____ L Date added: _____ Amount: _____ L Date added: _____	
3	Final Test Date: _____ If oil and/or grease visible, remove using a suitable absorbent material. <u>Discharge Permitted only if all of the following are met:</u> <ul style="list-style-type: none"> TSS 25mg/L/10 NTU There is no oil and grease visible pH is between 6.5 - 8.5 	Turbidity = _____ NTU or TSS = _____ mg/L pH = _____ Oil or Grease Visible - <input type="checkbox"/> Yes <input type="checkbox"/> No Estimated Volume of Water = _____ M ³	
4	Approved method of discharge: _____ Sediment basin discharged to level in m: _____	<input type="checkbox"/> Stormwater Drainage <input type="checkbox"/> Creek/River <input type="checkbox"/> Well grassed area <input type="checkbox"/> Design Spillway <input type="checkbox"/> Others: _____	
5	Approved by: _____ Signature: _____ (MUST BE AN AUTHORISED PERSON – FH Environmental Representative)		
6	Name Discharged By: _____ Signature: _____ Date: _____	Name Discharged By: _____ Signature: _____ Date: _____	
Comments: _____ _____			

Clearing permit



Above: Ecologists inspect tree hollows for animals before a clearing permit is issued



Flora and Fauna Management Plan
Grafton Bridge - Clarence River Crossing

Pre-clearing Permit General Instructions

1. This permit is valid only for the scope of works specified below
2. This copy is to be retained by the relevant persons authorized to supervise work crews and/or contractors
3. Management must retain a copy
4. Standard work method statements must apply where relevant
5. Additional environmental controls must be implemented as listed in [Part D](#) of this permit
6. Managers and supervisors are responsible for advising their crew members of the additional environmental controls applicable to the works as listed in [Part D](#) of this permit

PART A. DESCRIPTION OF WORKS		To be completed by Permit Recipient
Date: 08.08.2019	Project: Grafton Bridge - Clarence River Crossing	
Location:		
Chainage:		
Company/Organisation conducting the work: Fulton Hogan		
Name of Permit Recipient: Dimitri Perdikaris		
Date Clearing is to Commence: 08.08.2019		
Brief Description of Work: Removal of Vegetation from Villers St Round about.		
Machinery to be used:		
Sensitive Area Plans for work area attached:		




PART B. PLANNING CHECKLIST	Yes	No	N/A	Comments include any details discussed with other parties
Has the general Clearing and Grubbing EWMS been revised for these works?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Has pre-clearing inspection of the area been undertaken by the Environmental Manager in conjunction with Project Ecologist and TNSW?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Has the Hold Point (Clause 2.4 of G40) been submitted to and released by TNSW?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Have all necessary approvals and permits for the works been obtained from the following organisations (where applicable)? <input type="checkbox"/> Local Council <input type="checkbox"/> EPA <input type="checkbox"/> Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Have all necessary erosion and sediment controls been installed as per PESCP?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Have community notifications (letterbox drop, etc) been completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Will access to private properties be maintained during the works (if no, refer to the Community Communication Strategy)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Works in waterways permit



Above: before issuing a works in waterways permit, the works are planned so that impacts are managed








Works in Waterways Permit

This permit is required prior to works in open waterways, farm dams, ephemeral drainage lines, and in manmade structures that carry clean stormwaters.

General Instructions

1. This permit is valid only for the scope of works specified below
2. This copy is to be retained by the relevant persons authorised to supervise work crews and/or contractors
3. Management will retain a copy
4. Standard work method statements must apply where relevant
5. Additional environmental controls must be implemented as listed in Part D of this permit
6. Managers and supervisors are responsible for advising their crew members of the additional environmental controls applicable to the works as listed in Part D of this permit

PART A. DESCRIPTION OF WORKS		To be completed by Responsible engineer
Date:	20/3/17	
ZONE:	South Coast	
Location:	Southern River Bank	
Chainage:		
Company/Sub-contractor conducting the work:	Arbore + Fulton Hogan	
Permit Recipient (Name of Zone superintendent):	Sham Woodhouse	
Date works are to commence:	20/3/17	
Planning: Weather forecast planning at least 48hrs of forecast dry weather and in low flow conditions: <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;">  <input type="checkbox"/> </div> <div style="text-align: center;">  <input type="checkbox"/> </div> <div style="text-align: center;">  <input type="checkbox"/> </div> <div style="text-align: center;">  <input checked="" type="checkbox"/> </div> <div style="text-align: center;">  <input type="checkbox"/> </div> </div> <div style="margin-top: 10px;"> <p>Expected duration of works: Days <input style="width: 40px; text-align: center;" type="text" value="1"/></p> <p>Hours <input style="width: 40px; text-align: center;" type="text"/></p> </div> <div style="margin-top: 20px;"> <p>Are works within the waterway or below the natural water level: Yes <input type="checkbox"/></p> <p style="text-align: right;">No <input checked="" type="checkbox"/></p> </div> <div style="margin-top: 20px; font-style: italic;"> <p>Works can proceed on the high side of river bank only. Nothing in the flood area of the river. River works after first low tide.</p> </div>		

3) Manage noise and dust



Above: Night works area with noise mats around the truck



Above: Dust suppression during works

Plan to manage site water

Fill 1 – Environmental Control Plan

