



## Meeting Notes

### Environmental Liaison Group Meeting No. 5



01 November 2011, 10:00 to 12:00

Arrol House, Rosyth

#### Attendees:

Elizabeth Morrison	FRC Employer's Delivery Team (EDT) - Chair
Steven Brown	FRC Employer's Delivery Team (EDT)
Maggie Paterson	FRC Employer's Delivery Team (EDT)
Rebecca Spalton	FRC Employer's Delivery Team (EDT)
Rebecca McClenaghan	FRC Employer's Delivery Team (EDT)
Niall Corbet	Scottish Natural Heritage (SNH)
Wendy McCorrison	West Lothian Council (WLC)
Paul Hillman	Forth Crossing Bridge Constructors (FCBC)
Paul Manamike	Forth Crossing Bridge Constructors (FCBC)
Zoe Miller	Forth Crossing Bridge Constructors (FCBC)
Derek Chambers	Forth Crossing Bridge Constructors (FCBC)
Neil Abraham	Forth Crossing Bridge Constructors (FCBC)
Reuben Casanova	Forth Crossing Bridge Constructors (FCBC)
Richard Docherty	John Graham (JG)
Kirsty Strannigan	John Graham (JG)
Roland Tarrant	Sisk Roadbridge (SRB)

#### Apologies for Absence:

Colin Megginson	Marine Scotland (MS)
Mike Bland	Marine Scotland (MS)
Darren Hemsley	Scottish Natural Heritage (SNH)
Gavin Martin	City of Edinburgh Council (CEC)
Chris Gall	Scottish Environment Protection Agency (SEPA)
Adele Shaw	Historic Scotland (HS)
Douglas Mayne	Fife Council (FC)
Stephanie Little	Fife Council (FC)

Item	Subject	Description	Action
1	Introductions and apologies	All parties introduced themselves.	
2	Minutes from previous meeting	EDT noted that the draft minutes from ELG meeting 4 omitted that SNH is content for consultation regarding landscape works to be replaced by EDT approval. Final minutes to include this information.	EDT
3	Actions from previous meeting	EDT confirmed that the following actions from ELG meeting 4 had been addressed: <ul style="list-style-type: none"> <li>• EDT issued a letter to FCBC detailing the Appendix R process. This can be forwarded to SRB and JG on request.</li> <li>• SRB has submitted a memo detailing progress in the last month and programme for the next month.</li> <li>• All Environmental Management Plans (EMPs) have been submitted to EDT and redacted versions (for protected species and adjacent landowner details) uploaded to the FRC project website.</li> <li>• Hydrophones installed on Forth Road Bridge</li> <li>• Otter holt closure memo for M9J1a no longer required.</li> </ul>	

Item	Subject	Description	Action
		<p>The following actions are ongoing:</p> <ul style="list-style-type: none"> <li>• All Contractors are to provide a Method Statement for the role of the Landscape Clerk of Works (CoWs). EDT requested submission of this information by 04/11/11.</li> <li>• EDT is arranging meetings to discuss CEEQUAL and sustainability with each Contractor.</li> <li>• FCBC to confirm the appointment of a Marine Mammal Observer.</li> <li>• FCBC still finalising designs for SUDS layout at St Margaret's Marsh and B981 for submission to SEPA/SNH/EDT</li> <li>• SNH would like to see the alignment of the B981 when it is set out on site.</li> <li>• SNH would like site visit to M9J1a once boundary fencing has been erected.</li> <li>• SRB to submit tree survey to EDT</li> <li>• All Contractors are to confirm their planting programme for this winter.</li> </ul>	<p>FCBC/SRB/JG</p> <p>EDT</p> <p>FCBC FCBC</p> <p>FCBC/SNH</p> <p>SRB/SNH SRB</p> <p>FCBC/SRB/JG</p>
4 (i)	Advanced Works	<p>EDT confirmed that the Advance Works item will be removed from future ELG agendas.</p> <p>EDT confirmed that Archaeological reporting is on-going.</p> <p>EDT will provide FCBC with a copy of the correspondence from Historic Scotland confirming that marine archaeological investigation, comprising diving investigation at Beamer Rock, is not required.</p> <p>WLC asked if the archaeological finds will be displayed to the public. EDT confirmed that currently this is unlikely, however a formal report on the findings is likely to be published in due course.</p>	EDT
4 (ii)	Project update	<p>EDT presented the following updates with input provided from all present:</p> <p><b>Principal Contract</b></p> <p><u>General progress on site</u> Tree felling from the north abutment to the Waste Water Treatment Works completed.</p> <p>Setting out fence to protect existing woodland to be retained at St. Margaret's Hope Wood undertaken.</p> <p>Vegetation clearance at Whinny Hill in progress. Progress limited until traffic management for adjacent carriageway at existing Ferrytoll junction is approved by BEAR.</p> <p>Destruction of existing [confidential – protected species] undertaken and partial destruction of existing [confidential - protected species] following completion of final monitoring period.</p> <p>Erection of temporary noise fencing around Echline fields in progress.</p> <p>Installation of hydrophones completed. FCBC to submit a report to EDT on the baseline results of the hydrophone monitoring.</p> <p>Beamer Rock works, including the removal of Beamer Lighthouse commenced.</p>	FCBC

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		<p><u>Consultation</u> FCBC awaiting licence from SNH to remove bat roosts at Echline.</p> <p>Following meeting with Scottish Water/FCBC regarding proposed diversion to the northwest of Dundas Home Farm, FCBC to prepare a cross-section of proposed screen woodland planting above proposed water pipes utilising a root barrier system for SW's consideration.</p> <p>SNH undertook a thermal imaging survey for local deer on behalf of FCBC on the night of 31/10/11. SNH will provide a report and recommendations. FCBC (Paul Hillman) to provide Niall Corbett with correspondence to date.</p> <p><u>Other</u> Estuarine bird surveys are on-going and the first report will be submitted early November 2011.</p> <p><b>Fife ITS</b></p> <p><u>General progress on site</u> Site clearance.</p> <p>Installation of piling platforms.</p> <p>Ducting works.</p> <p>Drainage works.</p> <p><u>Other</u> EDT advised JG regarding design for the embankment at Gantry 02 to ensure that the additional mitigation proposed by EDT is included.</p> <p>EDT confirmed that if JG has correspondence confirming approval of works (e.g. CAR licence) a consultation certificate is not required.</p> <p><b>M9 J1A</b></p> <p><u>General progress on site</u> Site clearance ongoing.</p> <p>Construction of temporary haul roads ongoing.</p> <p>Topsoil stripping ongoing.</p> <p>Earthworks south of M9 ongoing.</p> <p>Temporary re-alignment of the Swine Burn completed.</p> <p>Topsoil testing undertaken by Scottish Agricultural College (SAC).</p> <p>SRB's arboricultural report is to be submitted to EDT.</p> <p>Dust monitoring is on-going with the first samples being tested. SRB to provide EDT with the results.</p> <p>Baseline surface water monitoring was undertaken on 20/10/11. SRB to provide EDT with a copy of the results</p>	<p>FCBC/EDT</p> <p>FCBC/SNH</p> <p>EDT</p> <p>JG</p> <p>SRB</p> <p>SRB</p> <p>SRB</p>

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		<p>A redd survey, undertaken in the Swine and Niddry Burns on 18 and 26 October provided no evidence of spawning.</p> <p>Electro-fishing undertaken 01/11/11 to remove fish from the Swine Burn prior to the re-alignment works.</p> <p><u>Consultation</u> Otter licence transferred by SNH to SRB 28/10/11. Otter specialist 'soft blocked' the entrances of the existing holt [confidential – protected species] 28/10/11 and proposes to destroy the holt 07/11/11.</p> <p>SRB to submit a memo to SNH with details of the proposed mitigation for otters.</p> <p>Consultation with SEPA regarding the compensatory storage and works at Niddry Burn and Swine Burn is ongoing.</p>	<p>SRB</p> <p>SRB</p>
4(iii)	Information to be published	<p><u>EMP</u> Redacted versions of all EMPs have been uploaded on to the internet. These are live documents and will be updated periodically throughout the contract period.</p> <p>EDT to provide a letter to each Contractor confirming that the current version of the EMP has been accepted.</p> <p><u>Air Quality Monitoring Results</u> The air quality monitoring results from the Principal and M9J1A contracts are to be published on the FRC website. EDT advised the Contractors to review their results and issue a copy to EDT. A meeting will be held to discuss the template for publication.</p>	<p>EDT</p> <p>FCBC/SRB</p>
4(iv)	Complaints / issues arising	No complaints regarding environmental issues have been raised.	
5	Principal Contract (FCBC)	<p><u>Main Crossing: land-based piers</u></p> <p>FCBC presented the proposed construction methodology for the Main Crossing land-based piers.</p> <p>FCBC will submit an Appendix R for Pier N2 where staged blasting is proposed in March 2012 (prior to the nesting season for terns).</p> <p>FCBC propose to reduce the footprint for Pier S6. The requirement to submit an Appendix R is under consideration.</p> <p>Proposed programme for pier foundations:</p> <ul style="list-style-type: none"> <li>• Feb 2012: S7 land foundations</li> <li>• March 2012: S8 and N2 land foundations</li> <li>• April 2012: S2 and S4 marine foundations</li> <li>• May 2012: S3, N1 and S5 marine foundations. S6 land foundations</li> </ul> <p><u>Programme for November 2011</u></p> <ul style="list-style-type: none"> <li>• Dismantling of Beamer Lighthouse and blasting at Beamer Rock.</li> <li>• Marine GI.</li> <li>• Construction of the working platform for the B981.</li> <li>• Construction of site compounds at Ferrytoll and Echline.</li> <li>• Service diversions at St Margaret's Marsh.</li> </ul> <p><u>EMP</u></p>	

Item	Subject	Description	Action
		Dredging management plan to be provided.	
6	Fife ITS (JG)	<p><u>Programme for November 2011</u></p> <ul style="list-style-type: none"> <li>• Site clearance.</li> <li>• Installation of piling platforms.</li> <li>• Ducting works.</li> <li>• Drainage works.</li> <li>• Grouting, subject to approval of Method Statement.</li> </ul> <p><u>EMP</u> The landscape management plan and sustainability documents are outstanding and to be provided by JG.</p> <p>HS has indicated that Archaeological CoW is required and other comments not yet addressed. JG to update cultural heritage management plan.</p>	<p>JG</p> <p>JG</p>
7	M9 J1A (SRB)	<p><u>Programme for November 2011</u></p> <ul style="list-style-type: none"> <li>• Site clearance.</li> <li>• Construction of temporary haul roads.</li> <li>• Topsoil stripping.</li> <li>• Earthworks south of M9.</li> <li>• [confidential – protected species].</li> <li>• Construction of temporary access ramps to the M9 spur.</li> <li>• Commence trial piling for gantries and bridges.</li> <li>• Continue excavation and construction of temporary Swine Burn diversion works.</li> <li>• Commence Swine Burn, Niddry Burn and Niddry Tributary Culvert extension.</li> <li>• Trial holing on side roads for services.</li> <li>• Site walkovers by Ecological CoW and continue otter monitoring.</li> <li>• cable laying.</li> </ul>	
8	Any other business	WLC queried whether FCBC would be using material from Winchburgh bing as there is a restriction on the planning conditions for the bing with respect to number of lorry loads per day. EDT advised that it is for the bing operators to adhere to conditions.	
9	Next meeting and venue	The next meeting will be held 29/11/11 at 10.00hrs in Arrol House.	All