



## Meeting Notes



### Environmental Liaison Group Meeting No. 14

04 September 2012, 10:00 to 12:00

### Principal Contract Project Office, Rosyth

#### Attendees:

Elizabeth Morrison	FRC Employer's Delivery Team (EDT) - Chair
Maggie Paterson	FRC Employer's Delivery Team (EDT)
Jonathan Moore	FRC Employer's Delivery Team (EDT)
Hannah Begbie	FRC Employer's Delivery Team (EDT)
Rod McCullagh	Historic Scotland (HS)
Niall Corbet	Scottish Natural Heritage (SNH)
Gavin Martin	City of Edinburgh Council (CEC)
Wendy McCorriston	West Lothian Council (WLC)
Paul Hillman	Forth Crossing Bridge Constructors (FCBC)
Ellie Slee	Forth Crossing Bridge Constructors (FCBC)
Barry O' Riordan	Sisk Roadbridge (SRB)

#### Apologies for Absence:

Steven Brown	FRC Employer's Delivery Team (EDT)
Colin Megginson	Marine Scotland (MS)
Chris Gall	Scottish Environment Protection Agency
Douglas Mayne	Fife Council (FC)
Neil Abraham	Forth Crossing Bridge Constructors (FCBC)
Liam Soden	Forth Crossing Bridge Constructors (FCBC)
Steven Cox	Forth Crossing Bridge Constructors (FCBC)
Roland Tarrant	Sisk Roadbridge (SRB)
Rory McFadden	John Graham (JG)

Item	Subject	Description	Action
1	<b>Introductions and apologies</b>	EDT provided an introduction and apologies.	
2	<b>Minutes of previous meeting(s)</b>	EDT confirmed that the minutes from ELG meeting 12 are now available on the website.  EDT advised that no comments had been raised on the draft minutes from ELG meeting 13, therefore these will be published on the website.	
3	<b>Actions from previous meeting (ELG 12)</b>	EDT confirmed progress for the following actions as follows: <ul style="list-style-type: none"> <li>EDT estuarine bird surveys ongoing.</li> </ul> <u>Post meeting note:</u> April/May draft survey report forwarded to SNH. <ul style="list-style-type: none"> <li>FCBC to provide a report on completion of topsoil stripping to confirm whether archaeological findings were observed. EDT asked FCBC to advise regarding the intended submission date for this report.</li> </ul> <u>Post meeting note:</u> FCBC to ensure that the report records when the Archaeological Clerk of Works (ACoW) has attended site, includes input and signed approval from the ACoW and demonstrates that the ACoW provided input to tool-box talks to operatives regarding vigilance during soil stripping.  <ul style="list-style-type: none"> <li>St Margaret's Marsh Habitat Management Plan: RSPB contact is known to SNH therefore no need for HS to</li> </ul>	FCBC  FCBC

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		<p>pursue this further.</p> <ul style="list-style-type: none"> <li>FCBC to produce a memo on the noise levels at Long Craig Island and tern activity.</li> <li>Appendix R for CMC piles was submitted to EDT 30/08/2012 (Appraisal Report: Agreed Difference No.41 - Northern Ground Improvements)</li> <li>FC requested confirmation of consultation with FC regarding the Contaminated Land report for the former landfill area at St Margaret's Marsh.</li> </ul>	<p>FCBC</p> <p>FCBC</p>
<b>4</b>	<b>General:</b>		
<b>4a)</b>	<b>Project update</b>		
	i)	EDT confirmed that there were no key issues to report over and above the updates from the Contractors.	
<b>4b)</b>	<b>Review/approval of environmental information for publication on website</b>		
	i)	CEC provided comments on FCBC's July air quality report. These comments have been addressed and the report will be uploaded to the website.	FCBC/EDT
	ii)	EDT confirmed that SRB's Environmental Management Plan (EMP) and JG's EMP are now available as finalised versions on the website.	
	iii)	EDT confirmed that FCBC's Area Management Plan and Cultural Heritage Management Plan are now available on the website for comment.	
	iv)	EDT confirmed that the updates to FCBC's Waste Management Plan, Surface Water Management Plan and Geology, Groundwater and Contaminated Land Management Plan have taken longer to complete than was anticipated and should be available on the website by the end of September 2012.	FCBC/EDT
<b>4c)</b>	<b>Complaints /issues arising</b>		
	i)	EDT confirmed that a complaint was received from a resident at Muckle Hill during August relating to disturbance from alleged night-time drilling and vibration. FCBC clarified that this situation has been resolved and the source of the vibration was identified as being unrelated to the FRC project.	
	ii)	WLC confirmed that residents at Newton are concerned by the mud on the road around the site access at Echline. FCBC to check effectiveness of wheel wash at Echline.	FCBC
<b>5</b>	<b>Principal Contract (FCBC)</b>		
<b>5a)</b>	<b>Programme and outline proposals Works undertaken August 2012</b>		
	i) <u>Land (north)</u>	<ul style="list-style-type: none"> <li>Blasting and excavation of St. Margaret's Hope ongoing.</li> <li>Excavation and replacement of former landfill at St. Margaret's Marsh ongoing.</li> <li>Blasting, peckering and excavation of rock from Whinny Hill ongoing, for use in Ferrytoll embankment.</li> <li>Construction of Ferrytoll Embankment ongoing, including the use of blaes from Winchburgh.</li> <li>Diversion of gas and water mains at Castlandhill ongoing.</li> <li>Concrete batching ongoing, as required.</li> <li>Works at the bridge over the railway at the B981 realignment junction with King Malcolm Drive ongoing. Hydrocarbons found in groundwater in excavation. Oil separator used and hydrocarbons taken off site. Clean</li> </ul>	

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		water pumped into vegetation remote from St. Margaret's Marsh.	
	ii) <u>Land (south)</u>	<ul style="list-style-type: none"> <li>• S8 foundations excavated, concrete poured and rebar installed.</li> <li>• Scottish Water diversions ongoing.</li> <li>• Excavation at southern launch ongoing. Ground and surface water being channelled to a temporary settlement lagoon and through silt fencing and silt buster, before discharge over grassed area north of Inchgarvie House. These mitigation measures have been effective to date.</li> <li>• Erection of permanent LMA fencing ongoing.</li> <li>• Construction of noise bunds at Echline ongoing.</li> <li>• Topsoil strip and excavation of Builyeon Road and A904 ongoing, under supervision of ACoW.</li> <li>• Excavation of SUDs basins at Echline ongoing.</li> <li>• Drainage works in Inchgarvie area commenced.</li> <li>• [redacted information – protected species]</li> </ul>	
	iii) <u>Marine</u>	<ul style="list-style-type: none"> <li>• Dredging at south side completed.</li> <li>• Trial pit cofferdam commenced. All environmental mitigation and monitoring for ecology and noise implemented.</li> <li>• Caisson excavation and ballasting at S1 and ST.</li> <li>• Temporary caisson placement and concrete works at NT, ST and S1.</li> <li>• Excavation at N1, ST, S4 and S5 ongoing.</li> <li>• Excavation of CT crane platform.</li> <li>• On-going monitoring of terns at Long Craig and Port Edgar. Sandwich terns now present at Port Edgar with Common and Arctic terns becoming less frequent.</li> </ul>	
<b>5b)</b>	<b><i>Programme and outline proposals: Works to be undertaken September 2012</i></b>		
	i) <u>Land (north)</u>	<ul style="list-style-type: none"> <li>• Blasting and excavation at north abutment, St Margaret's Hope and Whinny Hill ongoing.</li> <li>• Construction of Ferrytoll Embankment ongoing, including the use of blaes from Winchburgh. WLC queried how long the contract with Winchburgh bing was likely to last. FCBC to provide information.</li> <li>• Construction of N2 foundation to commence.</li> <li>• Minor tree felling and construction of permanent access to Admiralty House to commence, subject to bat surveys.</li> <li>• Diversion of gas and water mains at Castlandhill ongoing.</li> <li>• Concrete batching ongoing.</li> <li>• Works at the bridge over the railway at the B981 realignment junction with King Malcolm Drive ongoing.</li> </ul>	FCBC
	ii) <u>Land (south)</u>	<ul style="list-style-type: none"> <li>• S6 earth bund to be constructed. Piling to be undertaken mid-October in consultation with Historic Scotland.</li> <li>• Scottish Water diversions ongoing.</li> <li>• Excavation at southern launch ongoing.</li> <li>• Erection of permanent LMA fencing ongoing.</li> <li>• Construction of noise bunds at Echline ongoing.</li> <li>• Topsoil strip and excavation of Builyeon Road and A904 ongoing.</li> <li>• Excavation of SUDs basins at Echline ongoing.</li> <li>• Drainage works in Inchgarvie area ongoing.</li> <li>• ECoW to submit licence application to SNH [redacted information – protected species].</li> <li>• Invasive species mitigation around Linn Mill and Port Edgar ongoing. Response awaited from SEPA regarding the use of the herbicide Glyphosate close to the Linn Mill</li> </ul>	FCBC/HS  FCBC  SEPA

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		Burn.	
	iii) <u>Marine</u>	<ul style="list-style-type: none"> <li>• Trial pit cofferdam ongoing.</li> <li>• Sinking and excavation of caissons ongoing.</li> <li>• Excavation at S4 and S5 ongoing.</li> </ul>	
<b>5c)</b>	<b>Consultation requirements</b>		
	i)	Consultation with Historic Scotland regarding Port Edgar Barracks.	FCBC/HS
	ii)	Consultation response now received from Scottish Badgers regarding the mammal underpass.	FCBC/Scot Badgers
<b>5d)</b>	<b>EMP</b>	Details regarding the status of FCBC's EMP are as recorded for item 4b)iv)	
<b>6</b>	<b>Fife ITS (JG)</b>		
<b>6a)</b>	<b>Programme and outline proposals: Works undertaken August 2012</b>		
		<p>JG did not attend meeting.</p> <p>EDT provided an update as follows:</p> <ul style="list-style-type: none"> <li>• Traffic management removed throughout site, at M90, A92 and A823.</li> <li>• Snagging works ongoing throughout site.</li> <li>• Delivery, fitting and testing of gantries.</li> </ul>	
<b>6b)</b>	<b>Programme and outline proposals Works to be undertaken September 2012</b>		
		<ul style="list-style-type: none"> <li>• Completion of all remedial works identified during snagging inspections to be addressed.</li> <li>• Fabrication and delivery of all gantries to site by late September 2012.</li> <li>• Installation of gantries to be undertaken during night-shift rolling block road closures.</li> </ul>	
<b>6c)</b>	<b>Consultation requirements</b>	None	
<b>6d)</b>	<b>EMP</b>	Finalised EMP uploaded to the website.	
<b>7</b>	<b>M9 J1A (SRB)</b>		
<b>7a)</b>	<b>Programme and outline proposals: Works undertaken August 2012</b>		
		<ul style="list-style-type: none"> <li>• Topsoiling and seeding throughout the site ongoing.</li> <li>• Regrading earthworks throughout the site completed.</li> <li>• Excavation of SUDs detention basins completed.</li> <li>• Drainage works on M9 Spur ongoing.</li> <li>• Construction of M9 bridge ongoing.</li> <li>• Construction of Overton Bridge completed, except for parapet.</li> <li>• Construction of Newmains Bridge ongoing.</li> <li>• Piling and construction of gantry bases ongoing.</li> <li>• Excavation of Swine Burn SUDS basin completed and backfilling ongoing.</li> <li>• Construction of new Swine Burn culvert completed, except installation of rip-rap scour protection.</li> <li>• Installation of rip-rap scour protection at Niddry Burn commenced.</li> <li>• Laying erosion protection geotextile on the Swine Burn</li> </ul>	

Item	Subject	Description	Action
		flood plain ongoing. <ul style="list-style-type: none"> <li>• Paving works ongoing.</li> <li>• Installation of ITS boxes, cabinets, cabling, hardstanding, ducting and chambers ongoing.</li> <li>• Installation of safety barriers ongoing.</li> <li>• Installation of environmental barriers at Gateside, Kirkliston and Kirklands Park almost complete.</li> <li>• Fitting out and testing of gantries ongoing.</li> <li>• Dust monitoring fortnightly ongoing, with no issues arising.</li> <li>• Surface water monitoring ongoing.</li> </ul>	
<b>7b)</b>	<b>Programme and outline proposals: Works to be undertaken September 2012</b>		
		<ul style="list-style-type: none"> <li>• Topsoiling and seeding to be completed and damaged areas reinstated.</li> <li>• Surface layer of SUDs basins to be completed.</li> <li>• Drainage works throughout the site ongoing.</li> <li>• Construction of M9 bridge ongoing.</li> <li>• Overton Bridge parapet to be completed.</li> <li>• Construction of Newmains Bridge ongoing.</li> <li>• Piling and construction of gantry bases ongoing.</li> <li>• Installation of rip-rap scour protection at new Swine Burn culvert to be completed.</li> <li>• Installation of rip-rap scour protection at Niddry Burn to be completed.</li> <li>• Laying erosion protection geotextile on the Swine Burn flood plain to be completed.</li> <li>• Paving works ongoing.</li> <li>• Installation of ITS boxes, cabinets, cabling, hardstanding, ducting and chambers ongoing.</li> <li>• Installation of safety barriers ongoing.</li> <li>• Installation of environmental barrier at Kirklands Park to be completed.</li> <li>• Fitting out and testing of gantries ongoing.</li> <li>• Installation of gantries to be undertaken during night-shift rolling block road closures.</li> <li>• Dust monitoring fortnightly ongoing.</li> <li>• Surface water monitoring ongoing.</li> </ul>	
<b>7c)</b>	<b>Consultation requirements</b>		
		None.	
<b>7d)</b>	<b>EMP</b>	Finalised EMP is available on the website.	
<b>8</b>	<b>Any other business</b>	None.	
<b>9</b>	<b>Next meeting and venue</b>	EDT proposed that the frequency of the ELG meetings is reduced. EDT to circulate this proposal to all attendees and, if considered acceptable, meetings going forward will be held every two months. Key issues will continue to be addressed by holding additional meetings, as necessary.  The next meeting will be held 30/10/12 at 10.00hrs in Principal Contract Project Office, Rosyth.	All