



## Meeting Notes

### Environmental Liaison Group Meeting No. 13



31 July 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)
Rebecca Spalton	FRC Employer's Delivery Team (EDT)
Hannah Begbie	FRC Employer's Delivery Team (EDT)
Rod McCullagh	Historic Scotland (HS)
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)
Barry O' Riordan	Sisk Roadbridge (SRB)
Rory McFadden	John Graham (JG)

#### Apologies for Absence:

Steven Brown	FRC Employer's Delivery Team (EDT)
Rebecca McClenaghan	FRC Employer's Delivery Team (EDT)
Niall Corbet	Scottish Natural Heritage (SNH)
Gavin Martin	City of Edinburgh Council (CEC)
Wendy McCorrison	West Lothian Council (WLC)
Colin Megginson	Marine Scotland (MS)
Chris Gall	Scottish Environment Protection Agency
Paul Hillman	Forth Crossing Bridge Constructors (FCBC)
Roland Tarrant	Sisk Roadbridge (SRB)

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 11 are now available on the website.  EDT advised that no comments had been raised on the draft minutes from ELG meeting 12, 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. April/May draft survey report received by EDT – to be forwarded to SNH and FCBC when finalised.</li> <li>• FCBC to provide a report on completion of topsoil stripping to confirm whether archaeological findings were observed.</li> <li>• St Margaret's Marsh Habitat Management Plan: HS confirmed that their Architecture Department had advised that reeds which were too tall could not be used for thatching. HS offered to contact RSPB to seek specialist guidance.</li> <li>• FCBC confirmed that the Pollution Incident Response Plan has been issued to Forth Ports and the Coastguard.</li> <li>• FCBC to produce a memo on the noise levels at</li> </ul>	EDT  FCBC  HS

Item	Subject	Description	Action
		<p>Long Craig Island and tern activity.</p> <ul style="list-style-type: none"> <li>Appendix R for CMC piles still required.</li> </ul>	<p>FCBC 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)	<p>EDT confirmed that SRB's Environmental Management Plan (EMP) and JG's EMP are now available on the website for comment. If no comments are received by mid-August 2012 the documents will be finalised.</p> <p>EDT confirmed that FCBC's Ecological, Landscape and Dust and Air Pollution Management Plans and Pollution Incident Response Plan are available on the website for comment.</p> <p>EDT confirmed the following programme for the remainder of FCBC's EMP:</p> <ul style="list-style-type: none"> <li>Area Management Plan and Cultural Heritage Management Plan should be available on the website by week ending 10/08/12.</li> <li>Waste Management Plan, Surface and Ground Water Management Plan and Geology and Contaminated Land Management Plan should be available on the website by the next ELG meeting on 04/09/12.</li> </ul>	<p>FCBC/EDT</p>
	ii)	<p>To reduce the review timescale, EDT confirmed that FCBC's monthly air quality report will be issued to FC, CEC and WLC at the same time that it is submitted to EDT, prior to publication on the website.</p> <p>EDT also confirmed that they would issue SRB's fortnightly dust monitoring results to CEC and WLC prior to publication on the website.</p>	<p>FCBC</p> <p>EDT</p>
<b>4c)</b>	<b>Complaints /issues arising</b>		
	i)	EDT confirmed that complaints were received during July relating to flooding at Echline Fields during the period of intense rainfall. FCBC has provided temporary drainage mitigation measures. The indicative programme for construction of the permanent SUDs basins at Echline is currently end of 2012.	
<b>5</b>	<b>Principal Contract (FCBC)</b>		
<b>5a)</b>	<b>Programme and outline proposals Works undertaken July 2012</b>		
	i) <u>Land (south)</u>	<ul style="list-style-type: none"> <li>S7 and S8 foundations excavated, concrete poured and inspections on-going.</li> <li>Scottish Water diversion SWW8 ongoing. SEPA has approved commissioning works to be undertaken during night shift, including short-term flow into the Firth of Forth.</li> <li>Excavation for Queensferry mainline cutting and southern launch ongoing. Ground and rain water being channelled to a temporary settlement lagoon via silt fencing.</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</li> </ul>	

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		<p>commenced.</p> <ul style="list-style-type: none"> <li>• Topsoil strip and site clearance at South Abutment commenced.</li> <li>• Invasive species surveys and mitigation undertaken at Linn Mill and Port Edgar.</li> <li>• Excluded badger sett destroyed.</li> <li>• Anabat and dawn surveys undertaken at the bunker at Port Edgar Barracks with no evidence of bats identified to date.</li> </ul>	
	ii) <u>Land (north).</u>	<ul style="list-style-type: none"> <li>• Excavation and replacement of former landfill at St Margaret's Marsh ongoing. FCBC confirmed that replacement material has been approved by SEPA as acceptable for soil mixing. FC requested confirmation of consultation with FC regarding the Contaminated Land report for this area.</li> <li>• Excavation of rock and structural fill from Whinny Hill ongoing, for use in Ferrytoll embankment and the former landfill at St Margaret's Marsh.</li> <li>• Construction of Ferrytoll Embankment ongoing, including the use of blaes from Winchburgh. Piezometers are being installed to monitor groundwater.</li> <li>• Diversion of gas and water mains at Castlandhill commenced.</li> <li>• Blasting and excavation of St Margaret's Hope ongoing.</li> <li>• Concrete batching plant operational, as required. British Standard Certification achieved for production up to 200m<sup>3</sup> per day. FCBC anticipate that production required is unlikely to exceed 70-80m<sup>3</sup> per day.</li> <li>• Works at the bridge over the railway at the B981 realignment junction with King Malcolm Drive ongoing..</li> </ul>	FCBC
	iii) <u>Marine</u>	<ul style="list-style-type: none"> <li>• Dredging at S1 to S4 ongoing.</li> <li>• Caisson excavation and ballasting at S1 .</li> <li>• Caisson placement at South Tower and S1.</li> <li>• Excavation of S5.</li> <li>• Excavation of Central Tower crane platform.</li> <li>• Ongoing monitoring of terns at Long Craig Island and Port Edgar.</li> <li>• No call out has been required for Archaeological Clerk of Works</li> </ul>	
<b>5b)</b>	<b><i>Programme and outline proposals: Works to be undertaken August/September 2012</i></b>		
	i) <u>Land (south)</u>	<ul style="list-style-type: none"> <li>• S6 earth bund to be constructed late August. Piling to be undertaken mid-October in consultation with Historic Scotland.</li> <li>• Utility diversions ongoing.</li> <li>• Excavations at South Abutment ongoing.</li> <li>• Excavation of South Queensferry Cutting to continue.</li> <li>• Excavation of Queensferry gyratory area will commence</li> <li>• Drainage works at Echline ongoing.</li> <li>• Topsoil strip at Dundas/Echline Strip ongoing.</li> </ul>	FCBC/HS
	ii) <u>Land (north)</u>	<ul style="list-style-type: none"> <li>• Excavation at north abutment, St Margaret's Hope and Whinny Hill ongoing.</li> <li>• Sand drains to be installed in Ferrytoll Embankment and King Malcolm Drive.</li> <li>• Installation of CMC piles and soil mixing along the B981 to commence.</li> <li>• Importation of blaes for Ferrytoll embankment ongoing.</li> <li>• Construction of N2 foundation ongoing.</li> </ul>	
	ii) <u>Marine</u>	<ul style="list-style-type: none"> <li>• Trial pit cofferdam trial to be installed.</li> <li>• Inspection of Beamer Rock as L-shaped cofferdam units</li> </ul>	

Item	Subject	Description	Action
		<p>are installed.</p> <ul style="list-style-type: none"> <li>• Sinking and excavation of caissons ongoing.</li> <li>• Excavation of material from North Tower Caisson to be completed.</li> <li>• Forth Ports licensing process ongoing for individual elements of work required in the estuary.</li> </ul>	
<b>5c)</b>	<b>Consultation requirements</b>		
	i)	<p>Consultation with Historic Scotland regarding the Port Edgar Barracks.</p> <p>Consultation response from Scottish Badgers regarding the mammal underpass awaited.</p>	<p>FCBC/HS</p> <p>FCBC/Scot Badgers</p>
<b>5d)</b>	<b>EMP</b>	Details regarding the status of FCBC's EMP are as recorded for item 4b)i)	
<b>6</b>	<b>Fife ITS (JG)</b>		
<b>6a)</b>	<b>Programme and outline proposals: Works undertaken July 2012</b>		
		<ul style="list-style-type: none"> <li>• Top soiling and seeding landscaping works site wide ongoing.</li> <li>• Crash barrier completed.</li> <li>• Retaining wall construction at G08F southbound completed.</li> <li>• Installation and testing of cable ongoing.</li> <li>• Finishing works to verges and hard-standing areas ongoing.</li> <li>• Commissioning of ITS Infrastructure ongoing.</li> <li>• Completion of all works to M90 northbound and removal of traffic management.</li> <li>• Completion of works to M90 southbound and preparation for removal of traffic management.</li> <li>• Sediment barriers to be removed as works finish.</li> <li>• Sampling of drainage channel to the south of Gantry 18 completed.</li> </ul>	
<b>6b)</b>	<b>Programme and outline proposals Works to be undertaken August/September 2012</b>		
		<ul style="list-style-type: none"> <li>• Completion of snagging items.</li> <li>• Installation and commissioning of gantries.</li> <li>• Commissioning works for the scheme.</li> </ul>	
<b>6c)</b>	<b>Consultation requirements</b>	None	
<b>6d)</b>	<b>EMP</b>	EMP uploaded to the website for comment.	All
<b>7</b>	<b>M9 J1A (SRB)</b>		
<b>7a)</b>	<b>Programme and outline proposals: Works undertaken July 2012</b>		
		<ul style="list-style-type: none"> <li>• Installation of foundations for environmental barrier at Gateside, Kirkliston, commenced.</li> <li>• Earthworks at M9 Spur completed and ongoing at northbound merge.</li> <li>• 90% of earthworks over the new Swine Burn culvert completed</li> <li>• Drainage works throughout the site ongoing.</li> <li>• Excavation of SUDS basin at Overton Road ongoing.</li> <li>• Construction of sub-base and pavement on the M9</li> </ul>	

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		<p>westbound ongoing.</p> <ul style="list-style-type: none"> <li>• Construction of abutments and deck at Overton Bridge ongoing.</li> <li>• Construction of abutments at Newmains Bridge ongoing.</li> <li>• Construction of M9 overbridge ongoing.</li> <li>• Excavation of Niddry SUDS basin ongoing.</li> <li>• Topsoiling at River Almond SUDS basin commenced.</li> <li>• Topsoiling and seeding at M9 embankments commenced.</li> <li>• Electro-fishing undertaken at Swine Burn 25/07/12, prior to over-pumping and completion of internal concrete works within the culvert, which was delayed due to extreme rainfall. 11 fish were caught (eight bullheads, two minnows and one 3-spined stickleback).</li> <li>• Dust monitoring fortnightly ongoing, with no issues arising.</li> <li>• Surface water monitoring increased to once a week and additional mitigation measures put in place to deal with excess surface water.</li> </ul>	
<b>7b)</b>	<b><i>Programme and outline proposals: Works to be undertaken August/September 2012</i></b>		
		<ul style="list-style-type: none"> <li>• All earthworks to be completed (mid-August).</li> <li>• All drainage works ongoing.</li> <li>• Construction of all detention basins ongoing.</li> <li>• Pavement at the M9 westbound to be laid.</li> <li>• Safety barriers to be erected.</li> <li>• Environmental barriers at Gateside and Kirklands Park to be erected.</li> <li>• Riprap and mammal ledge to be installed at Niddry Burn culvert.</li> <li>• Construction of Overton Bridge ongoing.</li> <li>• Construction of Newmains Bridge ongoing.</li> <li>• Construction of M9 Bridge ongoing.</li> <li>• Erection of gantries to be undertaken (September).</li> </ul>	
<b>7c)</b>	<b><i>Consultation requirements</i></b>		
		None.	
<b>7d)</b>	<b><i>EMP</i></b>	EMP is available on the website for comment.	
<b>8</b>	<b>Any other business</b>	None	
<b>9</b>	<b>Next meeting and venue</b>	The next meeting will be held 04/09/12 at 10.00hrs in Principal Contract Project Office, Rosyth.	All