

**Aberdeen Western Peripheral Route**  
**Environmental Statement Appendices 2007**  
**Part A: The Scheme**  
**Appendix A1.1 – AWPR 2007 ES Assessment Team**

**Appendix A1.1 – AWPR 2007 ES Assessment Team: Key Members**

<b>Environmental Specialism</b>	<b>Staff and Qualifications</b>	<b>Company</b>
<b>Project Management, ES Review and Preparation</b>	Shirley Henderson: BSc (Hons), MSc, PhD, MIEMA, CEnv Nigel Weller: BSc (Hons), MSc, MIEnvS, CEnv Stephanie Baldwin: BAppSc (EAM) Margaret Paterson: MA (Hons), MLI	Jacobs Jacobs Jacobs Jacobs
<b>Introduction and Overview of Assessment Process</b>	Nigel Weller: BSc (Hons), MSc, MIEnvS, CEnv Shirley Henderson: BSc (Hons), MSc, PhD, MIEMA, CEnv	Jacobs Jacobs
<b>Need for the Scheme, Alternatives Considered, The Proposed Scheme</b>	Andrew MacKay: BEng (Hons), CEng, MHIT	Jacobs
<b>Scoping and Consultation</b>	Rebecca McClenaghan: BSc (Hons), AIEMA	Jacobs
<b>Land Use – General</b>	Maryanne Paterson: BSc (Hons), MSc, AIEMA, AMBiol Pauline Graham: BSc (Hons), MSc	Jacobs Jacobs
<b>– Agricultural</b>	Graham Kerr: BSc (Hons) Jill Catto: BSc (Hons) Mark Walkinton: BSc (Hons); Chartered Environmental Surveyor; Member of the British Land Reclamation Society Paul McMullin – MVB, MSc, VPMP; MRCVS	Scottish Agricultural College Scottish Agricultural College ADAS Poultry Health Services
<b>– Socio-economic</b>	Edith McDowall: BA (Hons), MPhil	Tribal Consulting
<b>– Planning</b>	Nicola Stewart: MA (Hons), MRTPI Alice Martin: BA (Hons), DipTP, MRTPI Francesca Richards: MA, MURP, MRTPI (Expected Dec 06)	Jacobs Jacobs Tribal Consulting
<b>Geology, Contaminated Land and Groundwater</b>	Vanina Saint Martin: BSc (Hons), MSc, FGS, MIAH	Jacobs
<b>Water Environment – General</b>	Lindsay Beevers: MEng, PhD Yusuf Kaya: BSc, PhD, Ceng, MICE	Jacobs Kaya Consulting
<b>– Water Quality</b>	Davinder Rambelli: BEng (Hons) Katia Sapunjeva MSc (Ecology), MSc (CZM) Andy Turnpenney: BSc (Hons), PhD, CBiol, FIBiol, MIFM Jonathan Moore: BSc (Hons), MSc	Jacobs Jacobs Jacobs Jacobs
<b>– Geomorphology (Fluvial)</b>	Duncan Wishart: BSc (Hons), MSc, PhD, FGS Suzanne Hewitt: BSc (Hons), PhD, RHS accredited Lucy Rushmore BSc (Hons), PhD Joanne Barlow: BSc (Hons), MSc, RHS accredited Andrew Brookes: BSc (Hons), PhD, CSci, CEnv, CGeog, FCIWEM, FRGS, MIEMA Kevin Skinner: BSc (Hons), MSc, PhD	Jacobs Jacobs Jacobs Jacobs Jacobs Jacobs
<b>– Hydrology</b>	Robin Sutton: BSc (Hons), PhD Miranda Tiplady: BSc (Hons), MSc David Price: BSc (Hons), MSc, AFRMetS Steve Dunthorne: BSc (Hons), MSc, MICE, CEng	Jacobs Jacobs Jacobs Jacobs

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– <b>Hydrodynamic Modelling</b>	Sridhar Rao: Beng, Mtech, AMITPI, AMIPHE Birol Sokmener: BSc, MSc	Jacobs Jacobs
– <b>Water Quality Modelling</b>	Robin Sutton: BSc (Hons), PhD Janette McAlpine PhD, MRSC (CChem), MCIWEM	Jacobs Glasgow Caledonian University
– <b>Sediment Modelling</b>	Jonathan Moore: BSc (Hons), MSc Laurence McGregor: BSc (Hons), MSc	Jacobs Jacobs
<b>Ecology and Nature Conservation</b> – <b>General</b>	Peter Gilchrist: BSc, (Hons), PhD, PGC, Res Sup, MIEEM, CEnv Graham Rankin: BSc (Hons), MSc; MIEEM Martina Girvan: BSc (Hons), MSc, PhD, MIEEM (2006)	Jacobs
– <b>Phase 1 Habitat and National Vegetation Classification (NVC)</b>	Chris Smilie: BSc (Hons), MSc, MCSM, MIEEM, PhD	Jacobs
– <b>Terrestrial Invertebrates</b>	Greg Chamberlain: BSc (Hons), PG Dip, MSc, MIEEM Martina Girvan (NL): BSc (Hons), MSc, PhD, MIEEM (2005-2006)	Jacobs
– <b>Freshwater Habitat</b>	Gillian McCoy: BSc (Hons), MSc, PhD, MIEEM Simon Holden: BSc (Hons) MSc RHS Accredited Rebecca Hewlett (NL): BSc (Hons) MSc MIEEM (2004-2006) - RHS Accredited	Jacobs Jacobs Jacobs
– <b>Fish</b>	Gillian McCoy: BSc (Hons), MSc, PhD, MIEEM	Jacobs
– <b>Electric Fishing</b>	Adrian Hudson: BSc (Hons), SFCC Stage 2	Dee District salmon Fisheries Board
– <b>Freshwater Pearl Mussel</b>	Lee Hastie: PhD MIEEM, Licensed Pearl Mussel Worker Rachel Wilson: BSc (Hons), MSc, AMBiol, LMIFM, Licensed Pearl Mussel Worker	Jacobs Jacobs
– <b>Otter</b>	Claire Hopkins: BSc (Hons), MSc AIEEM Jon Guarnaccio: BSc, (Hons) MSc, MIEEM	Jacobs Jacobs
– <b>Red Squirrel</b>	Kate Finlinson: BSc (Hons), MSc, AIEEM Jon Durward (NL): BSc (Hons), MIEEM (2004-2006)	Jacobs Jacobs
– <b>Badger</b>	Richard Roe: BSc (Hons) MSc, MIEEM Jon Guarnaccio: BSc (Hons), MSc, MIEEM	Jacobs Jacobs
– <b>Bats</b>	Claire Hopkins: BSc (Hons), MSc, AIEEM - Licensed Bat Worker Paul Bradshaw (SL and FL): BSc (Hons), MSc, MRes (2006) Nicola Tallach (SL and FL): BSc (Hons) BTEC HNC MIEEM (2006)	Jacobs MBEC MBEC
– <b>Breeding Birds</b>	Graham Rankin: BSc (Hons), MSc, MIEEM Paul Bradshaw (SL and FL): BSc (Hons), MSc, MRes (2006) David Coote (SL and FL): MPhys, MSc (2006)	Jacobs MBEC MBEC
– <b>Wintering Birds</b>	Graham Rankin: BSc (Hons), MSc, MIEEM Jon Durward (NL): BSc (Hons), MIEEM (2004-2006)	Jacobs
– <b>Water Shrew and Vole</b>	Richard Roe: BSc (Hons), MSc, MIEEM	Jacobs
– <b>Brown Hare</b>	Alastair Miller: BSc (Hons), MSc AIEEM Mark Jackson: BSc (Hons), MRes, MIEEM	Jacobs
– <b>Amphibians</b>	Mark Jackson: BSc (Hons), MRes, MIEEM Chris Kerfoot: BSc (Hons), MSc, AIEEM	Jacobs Jacobs

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<b>– Roe Deer</b>	Mark Jackson: BSc (Hons), MRes, MIEEM Alastair Miller: BSc (Hons), MEnvS, AIEEM	Jacobs Jacobs
<b>Landscape</b>	Mark Lancaster: BA (Hons), MLI Jenni Taylor: DipLA, MLI Siobhan Vernon: MA (Hons), MLI Kate Smith: MLA (Hons), MLI Duncan Bates: MA, ALI Mark Swithenbank: BA (Hons), MA, MSc, MLA, ALI	Jacobs Jacobs Jacobs Jacobs Jacobs Jacobs
<b>Visual</b>	Jenni Taylor: DipLA, MLI Lesley Samuel: MA (Hons), MLA, MLI Duncan Bates: MA, ALI Mark Lancaster: BA(Hons), MLI	Jacobs Jacobs Jacobs Jacobs
<b>Cultural Heritage</b>	Alastair Rees: MA (Hons), FSA Scot, MIFA Jonathan Dempsey, MA(Hons), PgDip, MIFA Paul Bennett, BA, PIFA	Jacobs Jacobs Jacobs
<b>Air Quality</b>	Prof Duncan Laxen: BSc, MSc, PhD Dr Ben Marner: BSc, PhD	Air Quality Consultants Air Quality Consultants
<b>Traffic Noise and Vibration</b>	Bernadette McKell: BSc, MSc, PhD, MIOA, CEng David Palmer: MSci (Hons), PhD	Hamilton & McGregor Hamilton & McGregor
<b>Pedestrians, Cyclists, Equestrians and Community Effects – general</b>	Rebecca McClenaghan: BSc (Hons), AIEMA Fiona Beasley : BSc (Hons), AIEMA.	Jacobs Jacobs
<b>– pedestrian surveys</b>	Hilary Jones: BSc (Hons), MSC, CILT Nick O’Neil: BSc, MSc, MCIT, MIHT John Reynolds: BA (Hons)	Count on Us Paul Castle Consultancy Paul Castle Consultancy
<b>Vehicle Travellers</b>	Duncan Bates: MA, ALI Mark Swithenbank: BA (Hons), MA, MSc, MLA, ALI Barry McGrattan: MEng, CEng.	Jacobs Jacobs
<b>Disruption Due to Construction</b>	Stephanie Baldwin: BAppSc (EAM) Fiona Beasley: BSc (Hons), AIEMA	Jacobs Jacobs
<b>Policy and Plans</b>	Nicola Stewart: MA(Hons), MRTPI Alice Martin: BA (Hons), DipTP, MRTPI Richard Todd: BA(Hons)	Jacobs Jacobs Jacobs
<b>Impact Summary Tables</b>	Contributions from Authors as indicated above.	
<b>– General</b>	Maryanne Paterson: BSc (Hons), MSc, AIEMA, AMBiol Rebecca McClenaghan: BSc (Hons), AIEMA Fiona Beasley: BSc (Hons), AIEMA	Jacobs Jacobs Jacobs

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<b>Schedule of Environmental Commitments</b>  <b>– General</b>	Contributions from Authors as indicated above  Maryanne Paterson: BSc (Hons), MSc, AIEMA, AMBiol Rebecca McClenaghan: BSc (Hons), AIEMA Fiona Beasley: BSc (Hons), AIEMA	Jacobs Jacobs Jacobs
<b>Cumulative Impact Assessment</b>  <b>– General</b>	Contributions from Authors as indicated above  Shirley Henderson: BSc (Hons), MSc, PhD, MIEMA, CEnv Fiona Beasley: BSc (Hons), AIEMA	Jacobs Jacobs
<b>Non-Technical Summary</b>  <b>– General</b>	Contributions from Authors as indicated above  Simon White: BSc (Dual Hons); DipLA, ALI	Jacobs