

REFERENCES & BIBLIOGRAPHY

Aptroot, A. (2007) St Helena Access Project: Lichens Report (Draft), DFID and the St Helena Government, May 2007.

Ashmole P & M (2004) The Invertebrates of Prosperous Bay Plain - St Helena: A survey by Philip and Myrtle Ashmole.

Ashmole P & M. (2000) St Helena and Ascension Island: A Natural History. Antony Nelson, Oswestry UK

Ashmole P & M. (2004) Guide to Invertebrates of Prosperous Bay Plain, St Helena.

Association of Noise Consultants (ANC), Guidelines: Measurement and Assessment of Ground-borne Noise and Vibration, 2001.

Atkins. (2004) St Helena Access Feasibility Study, Environment Analysis, Final Report - Appendices: Volume 1.

Atkins. (2004) St Helena Access Feasibility Study, Environment Analysis, Final Report - Appendices: Volume 2.

Atkins. (2004) St Helena Access Feasibility Study, Environment Analysis, Appendix S Environmental Impact Report.

Atkins. (2004) St Helena Access Feasibility Study, Final Report Appendices - Volume 2.

Atkins. (2004) St Helena Access Feasibility Study, Topographical Survey Report.

Atkins. (2004) St Helena Access Feasibility Study, Topographical Survey Report: Appendix F: Preliminary and Final Borehole Locations.

Atkins. (2004) St Helena Access Feasibility Study, Topographical Survey Report: Appendix G: Central Bosin Ecology Site Locations.

Atkins. (2004) St Helena Feasibility Study - Factual Report on Preliminary Ground Investigation for Aerodrome on Prosperous Bay Plain: Volume II: Enclosures A to G Trial Pit Logs, Borehole logs etc.

Atkins. (2005) St Helena Access Feasibility Study, Environment Analysis, Final Report.

Atkins. (2005) St Helena Feasibility Study - Factual Report on Preliminary Ground Investigation for Aerodrome on Prosperous Bay Plain: Volume I.

Atkins. (2005) St Helena Feasibility Study - Factual Report on Preliminary Ground Investigation for Aerodrome on Prosperous Bay Plain: Volume III: Laboratory Testing.

Atkins. (2005) Study on the Alternatives for Raw Water Provision - St Helena Access and Development: DFID and SHG, Draft.

Atkins. (2004) St Helena Access Feasibility Study, Appendix U - Island and other visit meetings.

Atkins (2007) St Helena Access: Procurement of a DBO Contractor – Review of Demand for and supply of Water for airport construction purposes, Draft Report, April 2007

Bennett, E.L. (2007) Final Report on Marine Ecology Survey at Rupert's Bay, St Helena in conjunction with the Air Access Project, Fisheries Section Agriculture and Natural Resources Department St Helena island.

Berglund, B. & T. Lidvall, Eds. (1990). Noise as a Public Health Problem. Vol. 5. New Advances in Noise Research Part II. Swedish Council for Building Research, Stockholm

Borka, G. (1980). The effect of cement dust pollution on growth and metabolism of *Helianthus annuus*. Environmental Pollution (Series A), Vol 22, pp 74-79

BRE Digest 403, March 1995 'Damage to structures from ground-borne vibration. Building Research Establishment, 1995. ISBN 1 860 81002 0

British Standard BS 4142: 1997 'Rating industrial noise affecting mixed residential and industrial areas'. British Standards Institution, 1997. ISBN 0 580 28300 3.

British Standard BS 5228: 1997 'Noise and Vibration control on construction and open sites. Part 1. Code of practice for basic information and procedures for noise and vibration control'. British Standards Institution, 1997. ISBN 0 580 26845 4.

British Standard BS 5228: 1992 'Noise and Vibration control on construction and open sites. Part 4. Code of practice for noise and vibration control applicable to piling operations". British Standards Institution, 1992. ISBN 0 580 20381 6.

British Standard BS 5228: 1997 'Noise and Vibration control on construction and open sites. Part 5. Code of practice applicable to surface mineral extraction (except coal) sites'. British Standards Institution, 1997. ISBN 0 580 28306 2.

British Standard 6472: 1992 'Evaluation of human exposure to vibration in buildings (1 Hz to 80 Hz). British Standards Institution, 1992. ISBN 0 580 19963 0.

British Standard 7385: 1990 'Evaluation and measurement for vibration in buildings — Part 1: Guide for measurement of vibrations and evaluation of their effects on buildings, 1990.

British Standard 7385: 1993 'Evaluation and measurement for vibration in buildings — Part 2: Guide to damage levels from groundborne vibration, 1993. ISBN 0 580 22188 1.

British Standard BS 8233: 1999 'Sound insulation and noise reduction for buildings – Code of practice' British Standards Institution, 1999. ISBN 0 580 33009 5.

Brown, L.C 1981. The land resources and agro-forestal development of St Helena - Volume 2. The resources. Land Resource Study 32. Land Resources Development Centre, Overseas Development Administration, Surrey, UK.

References & Bibliography

Brown L.C.(1982). Flora and Fauna of St. Helena. Project Record 59, Overseas Development Administration UK

Brown, A.L. & Raghu, S. (1998). An overview of research of the effects of noise on animals. Acoustics Australia Vol 26, Iss 2, pp 63-67

Brown, L. (2001). The response of sea birds to simulated acoustic and visual aircraft stimuli. Effects of Noise on Wildlife Conference. Conference Proceedings Happy Valley-Goose Bay, Labrador. August 22-23. 2000. No2. Institute for Environmental Monitoring and Research.

Caesar L G (2000/01) ES3301 Environmental Science Honours Project

Cairns-Wicks R. (Undated) Environment Screening Note: Air Access to St Helena.

Cairns-Wicks R. & Caesar L.G. (2004). Preliminary (Scoping) survey of the vegetation along the proposed haul road access routes of Prosperous Bay beach to Prosperous Bay Plain & Rupert's Bay to Deadwood to Bottom Woods. (Report).

Cronk Q C B (2000). The Endemic Flora of St Helena. Antony Nelson, Oswestry UK

Cronk Q. C. B. (1984) The Historical and Evolutionary Development of the Plant of St Helena.

Delany, D.K., Grubb, T.G., Beier, P. & Pater L.L. (1999). Effects of helicopter noise on Mexican spotted owls. Journal of Wildlife Management, Vol 63, Iss 1, 60-76.

Delany, D.K., Pater, L. et al. (2000). Assessment of Training Noise Impacts on the Red-cockaded Woodpecker: 1999 Results ERDC/CERL Technical Report TR-00-13 May 2000

Denholm K From Signal Gun to Satellite

Denholm K South Atlantic Fortress

Department of the Environment Advisory Leaflet 72: Noise Control on Building Sites (Third Edition). Property Services Agency, 1976

Department for Environment, Food and Rural Affairs (Defra) 2005. Higher Level Stewardships. www.defra.gov.uk/erdp/schemes/es/default.htm

Defra, 2005. Minerals Policy Statement 2: 'Controlling and Mitigating the Environmental Effects of Mineral Extraction in England', Annex 2: 'Noise'.

Defra, 2005. Update of Noise Database for Prediction of Noise on Construction and Open Sites., HMSO, Norwich.

Defra, 2006. 'Update of Noise Database for Prediction of Noise on Construction and Open Sites. Phase 3: Noise measurement data for construction plant used on quarries'.

The Department of Transport, 1994. Design Manual for Roads and Bridges Volume 11: Environmental Assessment.

References & Bibliography

The Department of Transport, 2007. Transport Analysis Guidance (TAG) on webtag.

Department of Transport and The Welsh Office. 1975 and 1988. Calculation of Road Traffic Noise. ISBN 0 11 550847 3.

DFID. (2005) St Helena Access Project Memorandum.

DFID/SHG. St Helena Access Project EA Terms of Reference

DFID/SHG. St Helena Access Project Social Analysis and social development planning terms of reference

Edwards A. (1990) Fish and fisheries of St. Helena Island. Centre for Tropical Coastal Management Studies, Newcastle upon Tyne, UK

Environment Canada: Road Salts (2005). Profile of Chloride-based Dust Suppressants Used in Canada (www.ec.gc.ca/nopp/roadsalt/reports/en/profile.cfm)

Eurocontrol Agency (2004), Eurocontrol Experimental Centre, Aircraft Performance Summary Tables for the Base of Aircraft Data (BADA) Rev 3.6.

European Environment Agency (EEA) (2006), EMEP/CORINAIR Emission Inventory Guidebook

Faber Maunsell. Existing St Helena Air Access Fuel Storage Farm: Preliminary Investigation Report on behalf of St Helena Government and the Department for International Development. April 2007

Farmer, A.M. (1993). The effects of dust on vegetation - A review. Environmental Pollution, Vol 79, pp 63-75

Fenandez-Juricic, E. (2001). Avian spatial segregation at edges and interiors of urban parks in Madrid, Spain. Biodiversity and Conservation, Vol 10, Iss 8, pp 1303-1316

Fjeld, P.E., Gabrielsen, G.W., & Orbek, J. B. (1988). Noise from helicopters and its effects on a colony of Brunnich's Gillemites (*Uria lomvia*) on Svalbard (Rapportserie NR41): Norsk Polarinstitutt

Fleming, W.J., Dubovsky, J.A., Collazo, J.A., Temple, E.R. & Conomy J.T. (2001). An overview of studies to assess the effects of military aircraft training activities on waterfowl at Piney Island, North Carolina. Effects of Noise on Wildlife Conference. Conference Proceedings Happy Valley-Goose Bay, Labrador. August 22-23. 2000. No2. Institute for Environmental Monitoring and Research.

Foppen, R. & Reijnen, R. (1994) The effects of car traffic on breeding bird populations in woodland. II. Breeding dispersion of male willow warblers (*Phylloscopus trochilus*) in relation to the proximity of a highway. Journal of Applied Ecology, Vol 31, 95-101.

Forman, T.T. & Deblinger, R.D. (2000). The ecological road-effect zone of a Massachusetts (U.S.A) Suburban Highway. Conservation Biology. Vol 14. No. 1, pp 36-45

George B B (1999) Boer Prisoners on St Helena

References & Bibliography

High Point Rendel for DFID/SHG. (2001) Extract from St Helena Comparative Study of Air and Sea Access.

Hirano, T., Kiyota, & Aiga, I. (1995). Physical effects of dust on leaf physiology of cucumber and kidney bean plants. *Environmental Pollution*, Vol 89, Iss 3, pp 255-261

Hunsaker II, D. (2001). The effect of aircraft operations on passerine reproduction. *Effects of Noise on Wildlife Conference. Conference Proceedings Happy Valley-Goose Bay, Labrador. August 22-23. 2000. No2. Institute for Environmental Monitoring and Research.*

IPCC (1999), IPCC special report: Aviation and the Global Atmosphere. Summary for policymakers, IPCC-XV/Doc. 9a.

IPCC (2006), IPCC Guidelines for National Greenhouse Gas Inventories (Volume 2: Energy), IPCC.

Jacobs GIBB Ltd (2003) Jacobs Gibb - Integrated 30 Year Waste Management Strategy and Action Plan for St. Helena. Contract Ref CNTR 013019

The Landscape Institute and the Institute of Environmental Management and Assessment (2002). *Guidelines for Landscape and Visual Impact Assessment (GLVIA).*

The Met Office. Meteorological data for various years.

Mathieson N. & Carter L. (1990s) *Exploring St Helena: A Walker's Guide.*

McCulloch N. & Norris K. (undated draft). *A Review of the Status and Ecology of the St Helena Wirebird, with recommendations for its conservation (project funded by the Darwin Initiative for the Conservation of Species & WWF).*

McCulloch N. (1992) *The status and ecology of the St Helena Wirebird. BTO Research Report no. 97.*

McCulloch N. (2004) *A preliminary assessment of the impact of St Helena airport construction at Prosperous Bay Plain and Deadwood Plain, St Helena, on the Wirebird Charadrius sanctaehelenae. (Report)*

McCulloch N. (2004). *A guide to the birds of St Helena and Ascension Island. RSPB*

McCulloch N. (2006) *A review of the status and habitat of the St Helena Wirebird Charadrius sanctaehelenae including an assessment of the potential impact of construction of the proposed St Helena Airport. RSPB*

Planning Policy Guidance: Planning and Noise PPG 24, September 1994, Department of the Environment.

Radle, A.L. (1998). *The effect of noise on wildlife: a literature review.* <http://interact.uoregon.edu/MediaLit/wfae/readings/radle.html> [Accessed: 2002, February 5].

Reijnen, R. & Foppen, R. (1994). The effects of car traffic on breeding bird populations in woodland. I. Evidence of reduced habitat quality for willow warblers (*Phylloscopus trochilus*) breeding close to a highway. *Journal of Applied Ecology*, Vol 34, pp 85-94

Reijnen, R. & Foppen, R. (1995b). The effects of car traffic on breeding bird populations in woodland. IV. Influence of population size on the reduction of density close to a highway. *Journal of Applied Ecology*, Vol 32, 481-491

Reijnen, R. & Foppen, R., ter Braak, C. & Thissen, J. (1995c). The effects of car traffic on breeding bird populations in woodland. III. Reduction of density in relation to the proximity of main roads. *Journal of Applied Ecology*, Vol 32, 187-202

Reijnen, R., Foppen, R. & Meeuwsen, H (1996). The effects of traffic of breeding birds in Dutch agricultural grasslands: *Biological Conservation* 75, 255-260.

Reijnen, R., Foppen, R. & Veenbaas G. (1997). Disturbance by traffic of breeding birds: Evaluation of the effect and considerations in planning and managing road corridors. *Biodiversity and Conservation*, Vol 6, Iss 4, pp 567-581

Reijnen, M.J.S.M., Veenbaas G. & Foppen R.P.B. (1995a). Predicting the effects of motorway traffic on breeding bird populations. Ministry of Transport and Public Works, Delft, The Netherlands

Sharifi, M.R., Gibson, A.C. & Rundel, P.W. (1997). Surface dust impacts on Gas Exchange in Mojave Desert Shrubs. *Journal of Applied Ecology*, Vol 34, Iss 4, pp 837-846

SHG (2004) Land Development Control Plan, Consultation Draft. 06-Dec-04

SHG (2007) St Helena Land Development Control Plan, Volume 1. January 2007

SHG (2007) St Helena Land Development Control Plan, Volume 2: Appendices. January 2007

SHG Planning and Building Control. Military Installations - St Helena Island

SHG (2000) Legislation: Land Planning and Development Control Regulations

SHG (2001) Legislation: Chapter 66 - Land Planning and Development Control Ordinance & Subsidiary Legislation

SHG (2001) Legislation: Chapter 75 - Endangered Species Protection Ordinance & Subsidiary Legislation

SHG (2001) Legislation: Chapter 93 - Plants Protection Ordinance & Subsidiary Legislation

SHG (2001) Legislation: Chapter 97 - Birds Protection Ordinance & Subsidiary Legislation

SHG (2003) Legislation: The National Parks Ordinance

SHG. (1993) Report on Sustainable Environment and Development Strategy and Action Plan for St Helena. Volume 2, Environmental Profile. ILED and RBG Kew.

- SHG. (1999) Legislation: Fish and Fish Products Marketing Regulations.
- SHG. (2001) Legislation: Chapter 47 - Harbours Ordinance & Subsidiary Legislation (Including Harbour Regulations - Section 28, Feb 1998).
- SHG. (2001) Legislation: Chapter 88 - Fishery Limits Ordinance & Subsidiary Legislation.
- SHG. (2001) Legislation: Chapter 89 - Fish and Fish Products Ordinance & Subsidiary Legislation.
- SHG. (2005) Land Planning and Development Control Bill - Consultation Draft.
- SHG. (2001) Legislation: The High Seas Fishing Ordinance
- SHG. (1979) Legislation: Fishery Limits (Licensing of Fishing) Order
- SHG. (2001) Legislation: Chapter 90 - The St Helena Fisheries Corporation Ordinance
- SHG. (2003) Legislation: The Conservation and Management of Fishery Resources Ordinance
- SHG: Legal, Lands and Planning Department of SHG. (2005) St Helena Land Development Control Plan: Volume 2 - Appendices, Final Draft.
- SHG: Legal, Lands and Planning Department. (2005) St Helena Land Development Control Plan: Volume 1 Final Draft.
- SHG: Public Works and Services Department. (1990) St Helena Water Plan 1990 – 2010.
- Siskind, D.E., Stachura, V.J., Stagg, M.S., and Kopp, J. W., 'Structure Response and Damage Produced by Airblast from Surface Mining', US Bureau of Mines Report of Investigations RI 8485, 1980. Washington DC, USA.
- SOEnD Circular 26/1992, Planning and Compensation Act 1991 'Interim Development Order Permissions (IDOs) – Operating Restoration and Aftercare Conditions in Scotland'.
- Stone, E. 2002. Separating the Noise from the Noise. A finding in support of the "Niche Hypothesis" that birds are influenced by Human induced noise in natural habitats. *Anthrozoos* 13 (4): 225-231. See: <http://www.colorado.edu/epob/epob4630estone/ES/Researchstuff/Grywy/Noise/Noise>
- The Government of St Helena and Department for International Development (2007) St Helena Access Project Infrastructure Review, Final Draft February 2007.
- The Government of St Helena and Department for International Development (2007)..St Helena Access Project Infrastructure Review, Appendices, Final Draft February 2007.
- The Government of St Helena (1998) Jamestown Wharf Improvement Project Phase 1 A Report Volume 1 Geological and Quarry Investigations
- The Government of St Helena Report on Sustainable Environment and Development Strategy - A Proposed Approach
References & Bibliography

The Government of St. Helena. (1998) Jamestown Wharf Improvement Project Phase 1A Report Volume 5

The Land Resources and Agro Forestral Development of St Helena, Volumes 1, 2 and Maps. 1981

The Met Office. Meteorological Data – various years.

The Stationary Office, 1992. Mineral Planning Guidance 9 (MPG 9) 'Planning and Compensation Act 1991: Interim Development Order (IDOs) – Conditions'. Department of the Environment/Welsh Office Minerals Planning Guidance Note. London,.

Thompson, J.R., Mueller, P.W., Fluckiger, W. & Rutter, A.J. (1984). The effect of dust on photosynthesis and its significance to road side plants. Environmental Pollution, (Series A), Vol 34, pp 171-190

Transport and Road Research Laboratory (TRRL) Report 146, 1986 'Traffic Vibration and Building Damage'. TRRL Papers presented at the Institute of Acoustics Conference, Acoustics '87 at Portsmouth Polytechnic, 14-18th April 1987.

Tremayne J. (1998) Marine and Coastal Resources Management Plan. Directorate of Fisheries, Agriculture and Natural Resources Department, Government of St. Helena.

Turner, S. 2005. IEMA/IOA noise impact assessment guidelines – update, Proc IoA Pt X

Turner, S. 2006. IEMA/IOA noise impact assessment guidelines, Proc IoA Vol 8 pt 7

United States Environment Protection Agency (2004). Potential Environmental Impacts of Dust Suppressants: "Avoiding another Times Beach". An Expert Panel Summary, Las Vegas, Nevada, May 30-31st 2002 (see www.epa.gov/esd/cmb/pdf/dust.pdf)

Ward, D.H., Stehn, R.A. & Derksen, D.V. (2001). Response of geese to aircraft disturbances. Effects of Noise on Wildlife Conference. Conference Proceedings Happy Valley-Goose Bay, Labrador. August 22-23. 2000. No2. Institute for Environmental Monitoring and Research.

Wilson Report, 1963 'Committee on the Problems of Noise: Final Report'. Cmnd. 2056. HMSO, London.

World Health Organisation 1999. Guidelines for Community Noise, ,.