

APPENDIX A

SOURCES OF INDOOR AIR POLLUTANTS

(Building Owners and Managers Association of Australia Ltd:
Managing Indoor Air Quality, 1994)

Pollutants can be grouped as follows:

- Gaseous pollutants:
- Particulates
- Biological Pollutants
- Miscellaneous Pollutants and other factors.

Gaseous Pollutants

Combustion results in the release of various oxides in the form of gases, including carbon dioxide (CO₂), which arises from human respiration. CO₂ is a useful indicator of the 'staleness' of air and the adequacy of a ventilation system. CO₂ only becomes a 'pollutant' at a very high level.

Approximately 95 per cent of building occupants are likely to find indoor air acceptable if the level of CO₂ remains below 800 parts per million (ppm).

Carbon Monoxide

Carbon monoxide may originate from vehicle exhausts and can enter buildings through poorly located air intake ducts and from basement car parks via stairwells and life shafts. It can be produced within a building by cigarette smoke and various combustion appliances such as gas stoves. Little is known about the effects of the low concentrations generally found in buildings. However, headache, dizziness, nausea and fatigue have been linked with low levels of carbon monoxide.

Nitrogen Oxides

Nitrogen oxides are produced by gas appliances and tobacco smoke. Mild effects include irritation of the eyes and upper respiratory tract. Nitrogen dioxide is a deep lung irritant which in severe cases can cause swelling and reduced function of the lungs, especially in asthmatics.

Sulphur Dioxide

Sulphur dioxide is released during the combustion of fuels containing sulphur, from gas appliances or from the external environment. It may cause upper respiratory tract irritation and reduced lung function in asthmatics.

Polycyclic Aromatic Hydrocarbons (PAHs)

PAHs are a large family of complex organic substances produced by incomplete combustion processes. Tobacco smoking is the most common source of PAHs within a building environment. PAHs may cause cancer, cardiovascular effects and general sensory irritation.

Volatile Organic Compounds (VOCs)

There are literally thousands of organic compounds produced and released into the atmosphere at room temperature. VOCs have low boiling points and therefore readily become gases in indoor air. Over 5,000 have been identified in indoor air. Major sources of VOCs

include furniture, floor waxes and polishes, carpets, cleaning agents, office equipment, particle board, adhesives, paints and products contained in pressurised cans.

VOCs may cause irritation of mucous membranes and are associated with headaches, dizziness and nausea. Some of the more commonly found VOCs are confirmed or suspected carcinogens and mutagens.

Formaldehyde

Formaldehyde is the most commonly identified VOC in indoor environments; it is generally found in the products listed above. It is an eye, nose and throat irritant, and an allergen in asthmatics. It has been linked to headache, fatigue and other non-specific symptoms.

Ozone

Ozone is formed by electrical discharges from photocopiers' laser printers, electrostatic air filters and air ionisers. It may cause eye and respiratory irritation, headache, coughs and shortness of breath. It is toxic even at low exposures, but destabilises very quickly.

Radon

Radon is formed by the radioactive decay of uranium and radium and various concentrations of radon are found in rocks and soils worldwide. It can move into building basements by diffusion through the soil. The daughter products of radon are known to cause lung cancer at high exposures.

Particle Pollutants

Fibrous Particles: Asbestos and Synthetic Fibres

Asbestos is a naturally occurring silicate rock fibre which until the late 1970s was used in more than 3,000 products. In buildings, asbestos was generally mixed with cement and sprayed on ceilings and structural components for fire protection and insulation. Asbestos may be hazardous when fibres become loose and airborne.

There is growing controversy about the harmful effects of synthetic mineral fibres. Such controversy is restricted to the occupational health area. However, such fibres in the air stream are known to be a cause of irritation to some people such as itching on exposed skin and eye irritation.

Combustion Particles

Combustion particles are contained in the soot of diesel and oil fumes, wood stores and incinerators. They are unlikely to be present in modern buildings but may enter through air intakes where filtration systems are inadequate or poorly maintained. Tobacco smoking is a common source of combustion particles in buildings.

Non Combustion Particles

Dust is a common allergen and irritant.

Biological Pollutants

There are numerous biological pollutants in the indoor environment. They may originate from within or outside the building.

Many biological substances are benign and high counts of bacteria do not necessarily indicate the existence of a hazardous work environment.

Living Biological Pollutants

.Some viruses, bacteria and fungi are capable of causing infections, while fungi, protozoans and dust mites may cause allergic conditions such as asthma. Some fungal species are also known to produce direct toxic effects when ingested, as well as causing typical non-specific symptoms.

Viruses are generally introduced into buildings by humans, and consequently are not caused by building design or operation. However, the stability, concentration and distribution of such viruses may depend upon a building's relative humidity levels and ventilation rates.

Micro-organisms such as bacteria and fungi tend to become established and proliferate on wet surfaces and in humid conditions. For example, carpets damaged by local flooding often become the site of fungal growth.

Components of HVAC systems are sometimes the site of bacterial, fungal and protozoan growth, particularly when poorly designed or maintained. Such micro-organisms may cause health problems if they are introduced into the air stream.

Non Living Biological Pollutants

Non living biological pollutants are associated with allergic conditions in susceptible people. They originate both inside and outside buildings. Those from outside, such as pollen, enter the airstream because of inadequate or damaged fresh air infiltration systems. Many of those generated inside buildings, such as dead skin cells and other dander, may remain in circulation for some time, especially where infiltration of recycled air is inadequate.

Miscellaneous Pollutants and Other Factors

Apart from indoor air pollutants, there are a number of other factors which influence indoor air quality or the general work environment.

Negative Ions

Air located near the sea or in the mountains is said to contain a much larger proportion of ionised molecules than indoor city air, particularly negative ions. While many advocate the benefits of negative ions, the health effects from artificially generated negative ions are unknown.

Small electrical shocks that result from electronic build-up through friction can be a source of minor pain and irritation. Some floor coverings contribute to the frequency of these shocks, and they are also more likely to occur in conditions of low relative humidity (less than 35 per cent).

Electromagnetic radiation

The effects of low level electromagnetic radiation are still unknown. By contrast, the effects of high levels of such radiation are well known and owner would be prudent to locate their buildings away from high power electrical sources.

Pesticides and Biocides

Some buildings undergo pesticide treatments which may create health problems, depending on the chemicals used and frequency of application.

Biocides are used in some components of HVAC systems to control microbial build-up, particularly in cooling towers and humidifying systems. However, there is some concern that such biocides could cause health and comfort problems themselves, as they can be introduced into the air via drift from cooling towers and evaporative condensers. Many authorities in the field recommend against the use of biocides.

Some biocides are sprayed directly into the environment (fungicides, tea tree oil). The long term effects of respiratory exposure to these biocides is unknown – their use could result in health problems for building occupants and litigation against the building owner.

Odours

Odours do not necessarily irritate all people. Odours may arise from human activities and personal habits (eg. cosmetics), chemical cleaning residues, “off-gassing” from various building materials and furnishings, moulds and photocopying machines.

Odours produce discomfort rather than illnesses.

Deodorants have been promoted as a means of maintaining “clean” and “fresh” air in indoor environments. However, such a strategy can often hide potential air quality problems or create a problem in itself by the deodorant chemicals used.

Polychlorinated Biphenyls (PCBs)

Although no longer used Australian products, PCBs may be found in older substations and transformers, and some electrical components such as capacitors. Hazards may arise when leaked PCBs are absorbed through the skin or swallowed. PCBs are known carcinogens.

Lighting and Noise

Lighting conditions and noise levels have less effects in people than the indoor climate and pollutants. They make up an important part of the environment and should be considered as potential contributors to health and comfort problems in buildings. Although such factors relate mostly to occupant comfort, the potential for longer term health effects may exist in extreme situations.

Inadequate lighting (eg poor design or intensity, ‘flickering’ fluorescent lights) may cause headache, eyestrain or other symptoms, while noise can be irritating, distracting and unpleasant.

APPENDIX B

LIST OF SUBMISSIONS

1. Dr John McDougall
2. Bulding Design Professionals Ltd , NSW Regional Committee of the Australian Council of Building Design Professionals Ltd.
3. Associate Professor Prasad, Director Solarch, Architecture Research Unit, Faculty of the Built Environment, University of NSW.
4. IEQ Technology, Ronald Wood, Principal
5. CSIRO, Division of Building Construction and Engineering,
6. New South Wales Minister for Housing
7. Total Environment Centre, Nature Conservation Council of NSW, National Parks Association (NSW)
8. WorkCover NSW
9. Mr David Rowe, Department of Architecture and Design Science, University of Sydney

APPENDIX C

LIST OF WITNESSES

Mr STEPHEN BROWN, Principal Research Scientist, CSIRO, Division of Building Construction and Engineering.

Ms JOANNA IMMIG, Toxic Chemicals Campaigner, Total Environment Centre, Level 2, 362 Kent Street, Sydney 2000.

Mr PETER DUNPHY, Manager, Compliance Co-ordination, WorkCover, 400 Kent Street, Sydney.

Ms USHA ST GEORGE, State Co-Ordinator, WorkCover, 400 Kent Street, Sydney.

Mr DAVID ROWE, Mechanical Engineer and Honorary Senior Lecturer, Faculty of Architecture, Sydney University.

Mr LINDSAY CLARE, Director, Clare Design Pty Ltd, 41 McLaren Street, North Sydney.

Ms KERRY CLARE, Director, Clare Design Pty Ltd, 41 McLaren Street, North Sydney.

Mr EDWARD SMITHIES, Director-Policy Services, Department of Public Works and Services, McKell Building, Rawson Place, Sydney.

Mr CHRISTOPHER OH, Environmental Policy Manager, Department of Public Works and Services, McKell Building, Rawson Place, Sydney.

Mr GRAHAM FRY, Senior Portfolio Manager-Capital Works, Department of Public Works and Services, McKell Building, Rawson Place, Sydney.

Mr GEOFFREY HARRIS, Senior Engineer, Department of Public Works and Services, McKell Building, Rawson Place, Sydney.

PROCEEDINGS OF THE COMMITTEE

**Minutes of Meeting No.3
Wednesday, 8 September 1999 at 4 pm
Room 1043**

1. Members Present

Ms Beamer (Chairman), Mr Brown, Mr Hickey, Mr Humpherson, Mr Piccoli, Mr Windsor.

2. Apologies

Mr Gibson.

3. Confirmation of Minutes - Meeting No.2

Resolved, on the motion of Mr Brown, seconded by Mr Windsor, That the Minutes of Meeting No.2 of 30 June 1999 be confirmed without amendment.

4. Inquiry Options - Energy Consumption and Sick Buildings

Mr Brown took the Chair.

The Committee discussed briefing papers on two inquiry options:

- Sick Building Syndrome
- NSW Government Energy Consumption Targets.

Draft Terms of Reference were considered. The Committee agreed that the Chairman would discuss them with relevant Ministers prior to finalisation at the Committee's next meeting.

Resolved, on the motion of Mr Hickey, seconded by Mr Windsor, That the Committee undertake an inquiry into Sick Building Syndrome.

Resolved, on the motion of Mr Windsor, seconded by Mr Piccoli, That the Committee undertake an inquiry into NSW Government Energy Consumption Targets.

5. Draft Report - Capital Works Procurement

The Committee deliberated on the draft report on Capital Works Procurement, which was carried-over from the previous Parliament.

Resolved, on the motion of Mr Windsor, seconded by Mr Piccoli,

- That, subject to the second part of the resolution, the report be the Report of the Committee and that it be signed by the Chairman and presented to the House, together with minutes of meetings and evidence.

- That the Chairman and Director be permitted to correct any incidental stylistic or typographical errors that are identified while preparing the Report for printing.

6. General Business

The Committee requested briefings on the different types of contracts used in the public sector, including examples of actual contracts.

The Committee discussed water-related issues.

7. Next Meeting

To be determined.

The meeting adjourned at 5 pm.

**Minutes of Meeting No.4
Wednesday, 22 September 1999 at 4 pm
Room 1043**

1. Members Present

Ms Beamer (Chairman), Mr Brown, Mr Hickey, Mr Humpherson, Mr Piccoli.

2. Apologies

Mr Gibson, Mr Windsor.

3. Confirmation of Minutes - Meeting No.2

Resolved, on the motion of Mr Hickey, seconded by Mr Brown, That the Minutes of Meeting No.3 of 8 September 1999 be confirmed without amendment.

4. Inquiries - Sick Building Syndrome and Government Energy Targets

Draft Terms of Reference were considered.

Resolved, on the motion of Mr Humpherson, seconded by Mr Brown, That the Committee conduct an Inquiry into Sick Building Syndrome with the reference to:

- The symptoms, causes, costs and frequency of Sick Building Syndrome
- The cost of rehabilitating sick buildings and/or providing alternative accommodation
- Design factors and building assessment and management strategies which will minimise exposure to Sick Building Syndrome in the future, including accommodation acquisition procedures (leasing arrangements), monitoring buildings and design of new buildings.

Resolved, on the motion of Mr Humpherson, seconded by Mr Brown, That the Committee conduct an Inquiry on NSW Government Energy Consumption Targets with specific reference to:

- Progress by government agencies towards meeting NSW Government targets for reducing energy consumption through the Energy Smart Government Program
- Progress by government agencies towards meeting NSW Government targets for the introduction of Green Power in government electricity contracts
- Progress towards the statewide implementation of the National Home Energy Rating Scheme (NatHERS) by local government.

5. General Business

The Committee discussed hearing dates for the Inquiry into Infrastructure Delivery and Maintenance in the NSW Public Sector.

The Committee was briefed on progress towards the seminar on tendering, contracts and the state of the construction industry including a proposal to conduct it with the Commonwealth Standing Committee on Public Works. Other briefing sessions were also discussed.

6. Next Meeting

To be determined.

The meeting adjourned at 4.45 pm.

**Minutes of Meeting No.5
Thursday, 11 November 1999 at 9.30 am
Room 1254**

1. Members Present

Ms Beamer (Chairman), Mr Brown, Mr Gibson, Mr Hickey, Mr Humpherson, Mr Piccoli.

2. Apologies

Mr Windsor.

3. Confirmation of Minutes - Meeting No.4

Resolved, on the motion of Mr Brown, seconded by Mr Piccoli, That the Minutes of Meeting No.4 of 22 September 1999 be confirmed without amendment.

4. Inquiries - Sick Building Syndrome and NSW Government Energy Consumption Targets

The Committee was advised that advertisements calling for submissions to these inquiries had been placed in major newspapers and stakeholders contacted. Submissions close on Friday, 3 December 1999.

5. Hobart Conference - Report

The Committee was advised that the draft Report for the National Conference of Parliamentary Public Works and Environment Committees had been delayed because no transcript was produced by the host Parliament. Staff have contacted other Committees and speakers for copies of relevant papers for the report.

6. Seminar on Capital Procurement Options, Tendering and Contracts

The Committee discussed the proposed half-day seminar on this subject. It was advised that the Commonwealth Public Works Committee - which indicated interest in attending the seminar - was unlikely to be available before January-February 2000.

Resolved, on the motion of Mr Gibson, seconded by Mr Piccoli, That the Committee conduct a Seminar on Capital Procurement Options, Tendering and Contracts in December 1999.

7. Proposed Briefings - Water and Transport Issues

The Committee was advised on options and time frames for proposed briefings on water cycle and transport issues.

Resolved, on the motion of Mr Piccoli, seconded by Mr Brown, That the Committee:

- Receive a briefing on the recently released draft NSW Water Conservation Strategy in conjunction with the seminar on capital procurement options (see Item 6) in December 1999.
- Conduct a site inspection of innovative water re-use and conservation strategies in Albury, Finley, Wacool, Griffith and Canberra in February 2000
- Receive a briefing from the Department of Transport on the current status of the VHST and other public transport issues.

9. Follow-up Inquiries - School Facilities and Lake Illawarra Authority

The Committee received briefing papers on two reports completed in the previous Parliament - *Report on School Facilities* and *Report on the Lake Illawarra Authority* - with a view to reviewing agency response to their findings.

Resolved, on the motion of Mr Humpherson, seconded by Mr Gibson, That the Committee resolve to seek a written response from relevant Ministers on agency response to findings in the *Report on School Facilities* and the *Report on the Lake Illawarra Authority*.

10. Inquiry on Infrastructure Delivery and Maintenance (Project Management and Technical Services)

Further submissions, a follow-up survey and a witness list and schedule for the public hearing on 15 November 1999 were distributed.

The Committee considered a background briefing paper on government accommodation and properties. The relocation of government agencies to Western Sydney and regional New South Wales was discussed.

The Committee examined the option of reporting in stages for this inquiry due to its wide scope and the large number of issues raised.

Resolved, on the motion of Mr Piccoli, seconded by Mr Hickey, That the Committee report in stages for the Inquiry into Infrastructure Delivery and Maintenance (Project Management and Technical Services).

11. **General Business**

12. **Next Meeting**

To be determined.

The meeting adjourned at 10.26 am.

Minutes of Meeting No.9

Wednesday, 8 March, 2000 at 11 am

1. Members Present

Ms Beamer (Chairman), Mr Brown, Mr Gibson, Mr Hickey, Mr Humpherson.

2. Apologies

Mr Piccoli, Mr Windsor.

3. Confirmation of Minutes

Resolved, on the motion of Mr Gibson, seconded Mr Hickey, That the Minutes of Meeting No. 5 of 11 November 1999, Meeting No. 6 of 15 November 1999 and Meeting No. 7 of 29 November 1999 be confirmed without amendment.

4. Inquiry into Government Energy Targets – Distribution and Tabling of Submissions

The Committee discussed submissions, a briefing paper on follow-up action, witnesses and possible site inspections.

Resolved, on the motion of Mr Brown, seconded Mr Humpherson, That the Committee table submissions for the Inquiry into Government Energy Targets.

5. Inquiry into Sick Building Syndrome – Distribution and Tabling of Submissions and Engagement of Advisory Services

The Committee discussed the complex nature of the submissions received and the option of contracting advisory services to provide some technical framework for the inquiry.

The advisory service would review submissions and additional references, consult with stakeholders, produce a comprehensive issues paper and provide background material for public hearings.

A resume for Mr Danny Broe, Chartered Architect (ARIA), was considered.

Resolved, on the motion of Mr Brown, seconded Mr Hickey, That the Committee table submissions for the Inquiry into Sick Building Syndrome.

Resolved, on the motion of Mr Humpherson, seconded Mr Gibson, That the Committee confirm the engagement of Danny Broe to provide advisory services for the Inquiry into Sick Building Syndrome.

6. Inquiry on Infrastructure Delivery and Maintenance (Project Management and Technical Services) – Correspondence and Tabling of Submissions

The Committee discussed correspondence from the Minister for Public Works and Services in response to questions on notice arising from evidence by DPWS officials.

Mr Gibson raised concerns with one section of the correspondence relating to commercial sources for rental rates on office accommodation.

Resolved, on the motion of Mr Brown, seconded Mr Hickey, That the Committee write to the Minister for Public Works Services seeking an explanation of this section of his correspondence.

Resolved, on the motion of Mr Humpherson, seconded Mr Brown, That the Committee table submissions for the Inquiry into Infrastructure Delivery and Maintenance (Project Management and Technical Services).

7. Draft Report on National Conference of Parliamentary Public Works and Environment Committees 1999

The Committee considered the draft Report.

Resolved, on the motion of Mr Humpherson, seconded Mr Brown, That the draft report be the Report of the Committee and that it be signed by the Chairman and presented to the House, together with minutes of meetings and evidence.

Resolved, on the motion of Mr Humpherson, seconded Mr Brown, That the Chairman and Director be permitted to correct any incidental stylistic or typographical errors that are identified while preparing the Report for printing.

8. Correspondence

The Committee considered the following correspondence:

1. Mr Adrian Piccoli MP, Member for Murrumbidgee (3 Feb 2000). Relocation of NPWS Griffith Office.
2. Mr Tony Windsor MP, Member for Tamworth, and Mr Adrian Piccoli MP, Member for Murrumbidgee (8 Dec 1999). Southern Pride Constructions regarding payment for services for the Sydney Ports Authority.
3. The Hon Morris Iemma MP, Minister for Public Works and Services (undated). Implementation of recommendations from the Committee's *Report on NSW School Facilities*.
4. The Hon Richard Amery MP, Minister for Agriculture and Minister for Land and Water Conservation (14 Feb 2000). Implementation of recommendations from the Committee's *Report on the Lake Illawarra Authority*.

Resolved, on the motion of Mr Humpherson, seconded Mr Hickey, That the Committee write to the Minister for the Environment seeking further information on the relocation of the NPWS Griffith Office.

Resolved, on the motion of Mr Gibson, seconded Mr Humpherson, That the Committee contact the Minister for Transport as soon as possible for an explanation of the situation regarding payment to Southern Pride Constructions for services for the Sydney Ports Authority.

9. General Business

The Committee discussed appointing a Vice-Chairman.

Resolved, on the motion of Mr Gibson, seconded Mr Hickey, That Mr Brown be appointed Vice-Chairman of the Committee.

The Committee discussed the proposed schedule for the National Conference of Public Works and Environment Committees to be held in Darwin from 17-19 July 2000.

Resolved, on the motion of Mr Hickey, seconded Mr Gibson, That the Committee attend the National Conference of Public Works and Environment Committees to be held in Darwin from 17-19 July 2000.

10. Next Meeting

To be determined.

Meeting adjourned at 11.20 am.

Minutes of Meeting No.10

Wednesday, 5 July, 2000 at 10 am

in the Waratah Room

1. Members Present

Ms Beamer (Chairman), Mr Brown (Vice Chairman), Mr Gibson, Mr Hickey, Mr Humpherson.

2. Apologies

Mr Piccoli, Mr Windsor.

3. Confirmation of Minutes

Resolved, on the motion of Mr Brown, seconded Mr Hickey, That the Minutes of Meeting No. 8 of 21 February 2000, and Meeting No. 9 of 8 March 2000 be confirmed without amendment.

4. Staff Changes

The Committee was advised of the following staff changes:

- resignation of the Director, Mr Bill Dunbar, to take up a position in the Infrastructure Coordination Unit, Premier's Department
- appointment of Mr Ian Thackeray as Committee Manager (position formerly titled Director)
- Mr Thackeray's former position of Project Officer is currently being filled
- Assistant Committee Officer position is also currently being filled.

Resolved, on the motion of Mr Brown, seconded Mr Humpherson, That the Committee's appreciation for Mr Dunbar's excellent contribution to its operation be formerly recorded in the Minutes and that Members thank Mr Dunbar for his assistance in his time as Director be noted.

5. National Conference of Parliamentary Public Works and Environment Committees: Darwin 17 July to 19 July 2000.

Mr Humpherson advised that he was now unable to attend.

Resolved, on the motion of Mr Gibson, seconded Mr Hickey, That the Committee note the revised schedule.

6. Sick Building Syndrome Inquiry – Site Inspection

Messrs Gibson, Brown and Humpherson advised that they were unable to attend.

Resolved, on the motion of Mr Gibson, seconded Mr Brown, That the Committee take note of the site inspection schedule.

7. Correspondence

The Committee discussed the letter from the Director-General of the National Parks and Wildlife Service.

Resolved, on the motion of Mr Hickey, seconded Mr Brown, That the Committee forward a copy of its report on Office Accommodation Management to the Director-General with a covering letter advising of the Committee's resolve to follow up on these issues.

8. General Business

The Committee discussed the issue of Mr Ken Buckley fo Southern Pride Constructions, a matter raised at its last meeting.

9. Inquiry into Infrastructure Delivery and Maintenance - Volume One Report: Office Accommodation Management

The Committee considered the draft Report and agreed to a number of amendments.

Resolved, on the motion of Mr Gibson, seconded Mr Hickey, That the draft report, as amended, be the Report of the Committee and that it be signed by the Chairman and presented to the House, together with minutes of meetings and evidence.

Resolved, on the motion of Mr Brown, seconded Mr Hickey, That the Chairman and Manager be permitted to correct any incidental stylistic or typographical errors that are identified while preparing the Report for printing.

The Committee agreed that the report's recommendations should be followed-up three months after tabling.

10. Site Inspection

The Committee adjourned to the Wilkinson Building, School of Architecture and Design Sciences at Sydney University and Tillman Park Child Care Centre at Sydenham to inspect a number of buildings as part of its inquiry into Sick Building Syndrome.

11. Next Meeting

To be determined.

Meeting adjourned at 4.00 pm.

Minutes of Meeting No.11

Thursday, 2 November, 2000 at 10 am

in the Waratah Room

1. Members Present

Ms Beamer (Chairman), Mr Brown (Vice Chairman), Mr Gibson, Mr Piccoli, Mr Windsor.

2. Apologies

Mr Hickey, Mr Humpherson.

3. Confirmation of Minutes

Resolved, on the motion of Mr Brown, seconded Mr Piccoli, That the Minutes of Meeting No. 10 of 5 July 2000, be confirmed without amendment.

4. Staff Changes

The Committee was introduced to the new Project Officer, Ms Carolynne James.

5. National Conference of Parliamentary Public Works and Environment Committees: Darwin 17 July to 19 July 2000 – Consideration of Draft Report

Resolved, on the motion of Ms Beamer seconded Mr Piccoli, That

1. That the draft report be the Report of the Committee and that it be signed by the Chairman and presented to the House, together with any minutes of the meetings and any evidence.
2. That the Chairman and Committee Manager be permitted to correct any incidental stylistic or typographical errors that are identified while preparing the Report for printing.

6. 2001 National Conference of Parliamentary Public Works and Environment Committees:

The Committee noted the change of venue.

7. Sick Building Syndrome Inquiry

The Committee noted the progress of the report.

8. Infrastructure Delivery and Maintenance Inquiry: Volume 2 – Management of Capital Equipment

The Committee noted the briefing paper and agreed that the proposed hearing date of 24 November be set only after staff have consulted with individual members.

Resolved, on the motion of Ms Beamer, seconded Mr Piccoli, That the following submissions into the Inquiry be tabled.

- State Forests
- Department of Land and Water Conservation

9. Correspondence

Resolved, on the motion of Ms Beamer, seconded Mr Piccoli, That the Committee send the draft letter unamended to the Minister for Roads.

10. Next Meeting

To be determined.

Meeting adjourned at 10.15 am.

Draft Minutes of Meeting No.15

Thursday, 28 March 2001 at 10.00 am

in the Room 1153

1. Members Present

Ms Beamer (Chairman), Mr Brown (Vice Chairman), Mr Gibson, Mr Hickey, Mr Humpherson, Mr Piccoli, Mr Windsor.

2. Confirmation of Minutes

Resolved, on the motion of Mr Hickey, seconded Mr Piccoli, That the Minutes of Meeting No. 14 of 8 March 2001, be confirmed without amendment.

3. Sick Building Syndrome Inquiry. Consideration of Draft Report

The Committee Manager sought the Committee's approval for the inclusion of some additional factual material just submitted. The Committee agreed, subject to the Chairman approving these inclusions.

Resolved, on the motion of Mr Gibson seconded Mr Hickey, that:

3. The draft report, as amended by the Chairman in accordance with the above, be the Report of the Committee, and that it be signed by the Chairman and presented to the House, together with any minutes of the meetings and any evidence.
4. The Chairman and Committee Manager be permitted to correct any incidental stylistic or typographical errors that are identified while preparing the Report for printing.

4. Inquiry into Infrastructure Delivery and Maintenance, Phase Three: Building Maintenance

The Committee considered the specific terms of reference proposed for the building maintenance component of the inquiry and the proposed advertising and consultation program.

Resolved, on the motion of Mr Gibson, seconded Mr Hickey, That the Committee agreed to the specific terms of reference for the building maintenance inquiry.

Resolved, on the motion of Mr Gibson, seconded Mr Hickey, That the Committee should expend funds as required for advertising and consultation.

5. Next Meeting

To be advised.

Meeting adjourned at 10.20 am.

APPENDIX E

LIST OF REFERENCES AND SOURCES

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