

Ass # 253

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State # 096



WESTERN AUSTRALIA
MINISTER FOR ENVIRONMENT

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED (PURSUANT TO THE PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986)

PROPOSED REMEDIAL TREATMENT OF THE STATE ENGINEERING WORKS SITE - NORTH FREMANTLE

This proposal may be implemented subject to the following conditions:

1. The proponent shall adhere to the proposal as assessed by the Environmental Protection Authority and shall fulfil the commitments made in the Notice of Intent and in response to additional issues raised (copy of consolidated commitments attached).
2. The proponent shall not use or permit the use of groundwater from beneath the State Engineering Works site for dust control, clean down, potable or irrigation purposes during site clean up or re-development.
3. Abstraction and use of groundwater from beneath the project site shall be subject to the approval of the Water Authority of Western Australia.
4. The proponent shall ensure that a leachate monitoring programme and a monitoring programme for bores located near the landfill site is prepared and implemented, within six months of waste from the State Engineering Works being located to the Henderson landfill site, to the satisfaction of the Environmental Protection Authority.
5. The proponent shall direct any stormwater discharge from any development on the site, into the North Fremantle drainage system and not via an additional outlet to the Swan River, to the satisfaction of the Environmental Protection Authority.
6. No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.

Bob Pearce, MLA
MINISTER FOR ENVIRONMENT

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Consolidated list of commitments made by the Proponent numbered 1 to 19 for the remedial treatment of the State Engineering Works site, North Fremantle

The proponent is committed to:

- 1 removing all industrial waste materials from the State Engineering Works site and relocating it to the Henderson landfill as soon as it is possible, to the satisfaction of the Environmental Protection Authority.
- 2 relocating all contaminated sands which exceed the selected criteria (detailed in Appendix 6 of the Environmental Protection Authority Report), to a location on site where it will be covered by at least five metres of clean fill, to the satisfaction of the Environmental Protection Authority.
- 3 conducting a sampling programme to ensure that all contaminated sands which exceed the selected clean-up criteria (detailed in Appendix 6 of the Environmental Protection Authority Report) will be relocated on site, to the satisfaction of the Environmental Protection Authority.
- 4 ensuring that all areas on the site are covered with at least 1.5 metres of clean fill unless testing shows that this will not be necessary. This will be done as soon as development on the land begins, to the satisfaction of the Environmental Protection Authority.
- 5 minimising the dust generated by earthworks on site by the use of water sprays, hoses or whatever other technique is required. Further, areas that have the potential to generate dust will be sprayed with mulch or some other suitable method if they are to be left unwatered for an extended period. This will be done to the satisfaction of the Health Department of Western Australia, the Department of Occupational Health, Safety and Welfare and the Environmental Protection Authority.
- 6 minimising noise levels during the remedial treatment work and site redevelopment to the satisfaction of the Environmental Protection Authority.
- 7 ensuring that workers on the site are not put at any undue risk during remedial treatment. Precautions will be taken under instruction and to the satisfaction of the Department of Occupational Health, Safety and Welfare.
- 8 ensuring that all remedial work will be supervised by professionals in the engineering and environmental fields. This will ensure that the work is carried out to the standards required by the Environmental Protection Authority and other Government Authorities.
- 9 clearing the A Class Reserve (up to the edge of the cliff face) of contaminants, to the satisfaction of the City of Fremantle, Swan River Trust and the Environmental Protection Authority.
- 10 removing from the cliff face, waste material which could come into contact with the public. This includes wastes at points of access to the water and any wastes on the actual foreshore along the river boundary of the proponent's land, to the satisfaction of the City of Fremantle, Swan River Trust and the Environmental Protection Authority.
- 11 constructing a sturdy fence, designed to discourage people coming in contact with the waste material remaining on the cliff face, to the satisfaction of the City of Fremantle.
- 12 replacing the cycleway with a bituminous seal, similar to that which currently exists, after works associated with the site clean up have been completed, to the satisfaction of the City of Fremantle.
- 13 using entry and exit points from the south-west section of the site onto Thompson Street to avoid residential housing in the area.
- 14 taking appropriate action to control vibration, to the satisfaction of the Environmental Protection Authority.
- 15 limiting the concentration of airborne dust generated from the State Engineering Works site to not exceed 1000 micrograms per cubic metre of air when measured in accordance with the following:
 - a the concentration of airborne dust to be determined as the difference in the concentration of dust in air between two samples of fifteen minutes duration within a sixty minute period;
 - b the samples to be taken at locations within five metres of the premises boundary on opposite sides of the premises;
 - c one sampling location to be generally located upwind of the other sampling location;
 - d the air to be sampled at a rate of not less than one hundred litres per minute.
- 16 treating the land beneath the buildings currently on site, in the same manner as the rest of the land in the event that the buildings are demolished, to the satisfaction of the Environmental Protection Authority.
- 17 erecting signs prior to the commencement of the site works to inform people of the nature of the clean up and to keep off the land during the operation.
- 18 not using groundwater during the clean up of the site.
- 19 conducting waters from the washdown area to a depression on-site where no waste materials exist. Waters will then be allowed to soak into the ground. The top 0.5 metres of soil in the depression will be removed at the end of the clean up stage and will be disposed of in the Henderson landfill site.