



Statement No.

MINISTER FOR THE ENVIRONMENT;  
LABOUR RELATIONS

000510

**STATEMENT THAT A SCHEME MAY BE IMPLEMENTED  
(PURSUANT TO THE PROVISIONS OF DIVISION 3 OF PART IV OF THE  
ENVIRONMENTAL PROTECTION ACT 1986)**

**METROPOLITAN REGION SCHEME AMENDMENT NO. 984/33  
(FORRESTFIELD MARSHALLING YARDS)**

**Scheme Purpose:**

- (a) to transfer the majority of the Marshalling Yards from "Railways" reservation to "Industrial" zone;
- (b) to transfer a strip of land on the eastern side of the Marshalling Yards, between Milner Road and Maida Vale Road from "Railways" reservation to "Urban" zone;
- (c) to remove the "Important Regional Roads" reservation from Dundas Road between Tonkin Highway and Wittenoom Road. The land is to be rezoned to "Urban" from just north of Wittenoom Road to Milner Road, and rezoned to "Industrial" from Berkshire Road to Tonkin Highway;
- (d) to reserve the section of Abernethy Road from Kewdale Road to McDowell Street as "Important Regional Road";
- (e) to reserve a new "Important Regional Road". It would commence from the eastern end of Abernethy Road, pass under the Tonkin Highway, then pass generally through the centre of the Marshalling Yards to Wittenoom Road, where it would connect to the existing Dundas Road "Important Regional Road" reservation (to the north of Wittenoom Road);
- (f) to widen the existing Dundas Road "Important Regional Road" reservation between Wittenoom Road and Kalamunda Road by approximately six metres on the eastern side and 10 metres on the western side;
- (g) to transfer a small section of "Railways" reservation at the eastern end of the Kewdale Marshalling Yards to "Industrial" zone; and
- (h) to transfer a very small section of the road reserve at the corner of Milner and Berkshire Roads from "Important Regional Roads" reservation to the "Rural" zone.

**Responsible Authority:** Western Australian Planning Commission

**Responsible Authority Address:** 469 Wellington Street, Perth WA 6000

**Assessment Number:** 1062

**Report of the Environmental Protection Authority:** Bulletin 925

Published on

- 4 JUN 1999

Subject to the following conditions, there is no known environmental reason why the Scheme Amendment to which the above report of the Environmental Protection Authority relates should not be implemented:

## **1 Drainage and Nutrient Management Plans**

1-1 Prior to submission of an application for subdivision approval (other than an application for consolidation or minor modification to existing boundaries) or development, whichever occurs first, the Responsible Authority shall require the preparation of a Drainage and Nutrient Management Plan for that portion of the drainage catchment within the Forrestfield Marshalling Yards and the widened portion of the "Important Regional Road" between Wittenoom and Kalamunda Roads which contains the application site, to meet the following objective:

- to maintain or enhance the quality of surface water so that existing and potential uses, including ecosystem maintenance, are protected consistent with the Environmental Protection (Swan and Canning Rivers) Policy 1997, and the Environmental Protection Authority "Draft Western Australian Water Quality Guidelines for Fresh and Marine Waters" Bulletin 711 (1993).

The Drainage and Nutrient Management Plan shall be prepared to the requirements of the Responsible Authority with the concurrence of the Department of Environmental Protection and the Water and Rivers Commission.

The Plan shall include:

- 1 management actions and objectives consistent with the Environmental Protection (Swan and Canning Rivers) Policy, relevant subregional drainage and catchment management plans, and water sensitive urban design principles and best management practices;
- 2 mechanisms to minimise erosion during and after the development phase;
- 3 mechanisms to protect the water regimes of the conservation category wetlands within the Amendment area and adjacent System Six M52 area, including water quality and water levels;
- 4 a monitoring program, including definition of performance criteria and analysis procedures, to demonstrate whether the objectives for the catchment are being achieved;
- 5 contingency measures to be implemented in the event that performance criteria are not met; and
- 6 identification of responsibilities for implementation of the Plan.

1-2 The above-mentioned Drainage and Nutrient Management Plan shall be implemented.

## **2 Soil Contamination Remediation Plans**

2-1 Prior to submission of an application for subdivision approval (other than an application for consolidation or minor modification to existing boundaries) or development, whichever occurs first, the Responsible Authority shall require the preparation of a Soil Contamination Remediation Plan for the application site to the requirements of the Responsible Authority with the concurrence of the Department of Environmental Protection, to meet the following objective:

- to ensure the rehabilitation of the site is to an acceptable standard that is compatible with the intended land use, consistent with appropriate criteria.

The Plan shall include:

- 1 establishment of soil quality criteria to be achieved following remediation of contaminated soils, based on the intended land uses;
- 2 identification of areas of soil contamination;
- 3 development of a remediation plan for contaminated soils in areas where the soil quality criteria are not met; and
- 4 identification of responsibilities for implementation of the Plan.

Note: Criteria for assessment and remediation recognised by the Environmental Protection Authority include those in the ANZECC and NHMRC "Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites" (1992), and "Dutch B and C" (1986), or the most current soil remediation criteria.

2-2 The above-mentioned Soil Contamination Remediation Plan shall be implemented.

### **3 Groundwater Contamination Remediation Plans**

3-1 Prior to submission of an application for subdivision approval (other than an application for consolidation or minor modification to existing boundaries) or development, whichever occurs first, the Responsible Authority shall require the preparation of a Groundwater Contamination Remediation Plan for the application site to the requirements of the Responsible Authority with the concurrence of the Department of Environmental Protection and the Water and Rivers Commission, to meet the following objective:

- to ensure that the beneficial uses of groundwater can be maintained, consistent with the Environmental Protection Authority "Draft Western Australian Water Quality Guidelines for Fresh and Marine Waters" (1993).

The Plan shall include:

- 1 establishment of groundwater quality criteria to be achieved, based on the most sensitive beneficial use of the groundwater;
- 2 determination of the extent, and any movement, of contaminated groundwater beneath the application site;
- 3 development of management actions, including remediation if necessary, in the event that groundwater quality criteria are not met; and
- 4 identification of responsibilities for implementation of the Plan.

Note: Criteria for assessment and remediation recognised by the Environmental Protection Authority include those in the ANZECC and NHMRC "Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites" (1992), "Dutch B and C" (1986), or the most current soil remediation criteria, the ANZECC "Australian Water Quality Guidelines for Fresh and Marine Waters" (1992), and the NHMRC and ARMCANZ "Australian Drinking Water Guidelines - National Water Quality Management Strategy" (1996).

3-2 The above-mentioned Groundwater Contamination Remediation Plan shall be implemented.

### **4 Groundwater Abstraction Plan**

4-1 Prior to submission of an application for subdivision approval (other than an application for consolidation or minor modification to existing boundaries) or development, whichever occurs first, the Responsible Authority shall require the preparation of a Groundwater Abstraction Plan to the requirements of the Responsible Authority with the

concurrence of the Department of Environmental Protection and the Water and Rivers Commission, to meet the following objective:

- to ensure that the beneficial uses of groundwater can be maintained, consistent with the Environmental Protection Authority "Draft Western Australian Water Quality Guidelines for Fresh and Marine Waters" (1993).

The Plan shall include:

- 1 mechanisms to protect the groundwater regimes of the conservation category wetlands within the Amendment area and the adjacent System Six M52 area;
- 2 a monitoring program, including definition of performance criteria and analysis procedures, to demonstrate whether the objectives for the groundwater are being achieved;
- 3 contingency measures to be implemented in the event that performance criteria are not met; and
- 4 identification of responsibilities for implementation of the Plan.

4-2 The above-mentioned Groundwater Abstraction Plan shall be implemented.

CHERYL EDWARDES (Mrs) MLA  
MINISTER FOR THE ENVIRONMENT

- 4 JUN 1999