

How to calculate licence fees for a site undertaking multiple activities and with significant emissions of pollutants

Updated December 2010¹

EPA 760/10: This document explains how to calculate fees for a site undertaking multiple activities and producing multiple emissions under the new fee structure². A hypothetical site in the Adelaide airshed is used in this example.

Large site with significant emissions of pollutants located within the Adelaide airshed undertaking multiple activities

To calculate the fee for this licensed site, you need to know the activities under Schedule 1 of the *Environment Protection Act 1993* for which the site is licensed. The licensed activities are listed on the front page of your licence. You also need to know the location of the site and the type and amount of pollutants emitted each year to air and/or water. This data should be collected throughout the year by the site operator or, in some cases, can be estimated.

The licence fee comprises three components:

1 Flat minimum component

The flat minimum fee of \$54 is applied to all licences and covers the minimum administration common to all licences.

2 Environment management fee component

The environment management fee for this licensed site is calculated based on the activities licensed and the location of the site.

For this example, we will take a site that is licensed for the following activities and characteristics:

- 8(2)(a) fuel burning—other than coal or wood, located in the Adelaide airshed and emitting between 30 and 500 tonnes of nitrogen oxide per year.
- 3(4) activities producing listed waste—producing more than 5 tonnes but not more than 100 tonnes of listed waste per year.
- Only the activity that attracts the highest environment management fee will apply per site except for waste transport, dredging or earthworks drainage, which attract additional fees. In this case, the environment management fee for activity 8 (2)(a) fuel burning attracts the highest fee (as shown in the summary fee calculation table).

¹ First issued November 2007

² All fees apply from 1 July 2010 to 30 June 2011

3 Resource efficiency fee component

Resource efficiency fees are calculated for this site based on:

- the amount of selected pollutants emitted that exceed the set thresholds and,
- the zone(s) in which the licensed site is emitting pollutants.

For this example, we will assume the following:

- nitrogen oxides—load emitted: 200 tonnes
- sulphur dioxide—load emitted: 4 tonnes
- particulates—load emitted: 10 tonnes.

Given the loads emitted above, both nitrogen dioxide and particulate emissions exceed the thresholds set for these pollutants and will attract a fee, while sulphur dioxide is below the emission threshold and will not attract a fee. The formula is:

$$\text{tonnes emitted} \times \text{fee unit/tonne} \times \text{fee unit value} \times \text{zone weighting}$$

Water reuse fees will not apply for this site, as it is assumed that no wastewater is discharged to the marine environment from this site.

Further information on pollutant thresholds and fee unit values is available at www.epa.sa.gov.au/licensees/licence_fee_system.

Summary of fee calculations

The fee would be approximately \$15,220 as shown below.

Fee component	Fee unit	Fee unit value	Zone weighting	Fee		
Flat minimum fee	-	-	-	\$54		
Environment management fee:			-			
• activity 8(2)(a)	20	\$569	-	\$11,380		
• activity 3(4)	2	\$569	-	\$1,138		
<i>The fee for activity 3(4) will not apply as only the activity which attracts the highest fee per site, in this case activity 8(2)(a), is applied.</i>						
Resource efficiency fee	Tonnes emitted/yr	Threshold set for pollutant tonnes /yr	Fee unit/tonne	Fee unit value	Zone weighting	Fee
Pollutant	-	-	-	-	-	
Nitrogen oxides	200	10	1	5.3	2	\$2,120
Sulphur dioxide	4	10	<i>below</i>	<i>threshold</i>		
Particulates	10	1	10	5.3	1	\$530
Total licence fee						\$15,220

Disclaimer

This publication is a guide only and does not necessarily provide adequate information in relation to every situation. This publication seeks to explain your possible obligations in a helpful and accessible way. In doing so, however, some detail may not be captured. It is important, therefore, that you seek information from the EPA itself regarding your possible obligations and, where appropriate, that you seek your own legal advice.

Further information

Legislation

Legislation may be viewed on <www.legislation.sa.gov.au>

Copies of legislation are available for purchase from:

Service SA Government Legislation Outlet	Telephone:	13 23 24
Adelaide Service SA Centre	Fax:	(08) 8204 1909
108 North Terrace	Website	< www.shop.service.sa.gov.au >
Adelaide SA 5000		

For general information please contact:

Environment Protection Authority	Telephone:	(08) 8204 2004
GPO Box 2607	Facsimile:	(08) 8124 4670
Adelaide SA 5001	Freecall (country):	1800 623 445
	Website:	< www.epa.sa.gov.au >
	Email:	< epainfo@epa.sa.gov.au >
