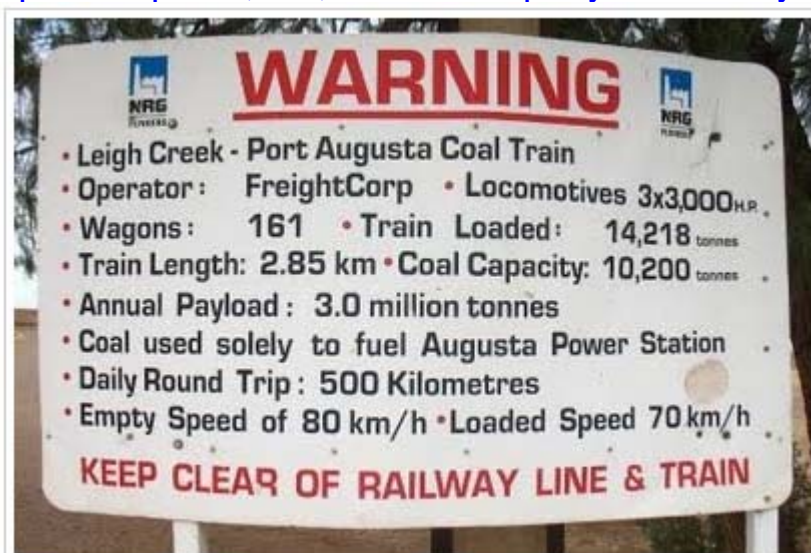


Wallarah 2 Coal Project: Train movements
Proposed up to 5,000,000 tonnes per year for 28 years



<http://mike-servethepeople.blogspot.com/2009/09/port-augusta-corporate-protectors.html>

Using Example train specs (above):

Wallarah 2 is expecting the rail loop will hold 3 x 3,400 tonne capacity trains
(Page 8 of their Noise Impact Assessment).

Trains – to transport 5 million tonnes of coal per year:

5,000,000 tonnes per year / 3,400 tonne trains = 1,470 trains per year.

These will return, so 1,470 x 2 = **2,940 trains per year / 8 trains per day.**

This may not seem too much in comparison to their listing of total train movements **until you look at actual rail carriages/wagons comparison.**

10,200 tonnes = 161 wagons (2.85 kms long) = @ 63.35 tonnes per wagon
so 3,400 tonnes = 53-54 wagons.

8 trains per day x 53 wagons = **424 wagons per day or approx. 154,760 additional wagons per year travelling through residential areas along the rail corridor.**

This is above and beyond current train movements.

Wagons	Tonnes per train excl engines	Trains per year return	Trains per year (return)	Approx length
60	3,801t	2,630	7.2	1,250m
53	3,400t	2,940	8.1	1,100m
40	2,534t	3,946	5.4	800m

Description	Total per day	Est avg Carriages per train	Total est. carriages p. d	%
V-set Commuter	50	6	300	25%
XPT	6	6	36	3%
Explorer	4	6	24	2%
Existing Freight	16*	25	400	34%
Wallarah 2 Coal	7(8)	53	424	36%
Total	84		1,184	100%

*Weekend schedule - more realistic number

The change estimated is from 760 carriages per day to 1,184 carriages per day **or 55.7% as a result of the additional coal trains.**