

21 September, 1983

East Bullsbrook Rubbish Tip on M14

110/81/M14

1 Briggs slide 83



looking N.

Dump on fire - dumping into water



dump face. Nature of fill method here precludes extinguishing this fire.

21 September, 1983

smoke blowing across road was actually far thicker than it looks here - lens has minimised it.
NAAE litter through lack of fencing



litter extends some distance into the bush to the south of the tip.



21 September, 1983.

East Bullsmoak rubbish dump.



front end loader in action in attempt to douse fire

 **Pacific**
Negative protector and re-order form.



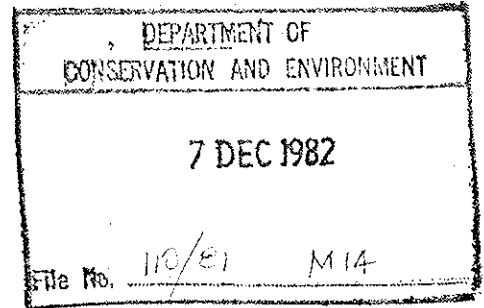
DEPARTMENT OF LANDS AND SURVEYS

Cathedral Avenue,
Perth,
Western Australia 6000

Your Ref. SV:tg

Our Ref. 653/79 CK:AW

Telephone Enquiries 3231275

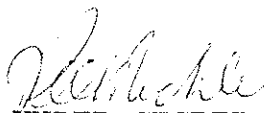


Director,
DEPARTMENT OF CONSERVATION AND
ENVIRONMENT.

RESERVE NO. 1654 - TRAVELLERS AND STOCK (NOT VESTED).

I refer to your correspondence dated November 17, 1982 and attach a copy of letter recently forwarded to the Shire of Swan.

As stated I shall await the result of your deliberations.


ACTING UNDER SECRETARY FOR LANDS
December 3, 1982.

Enc.

2/1/1
653/79 CK:AW
3231275

Shire Clerk,
Shire of Swan,
P.O. Box 196,
MIDLAND. 6056.

Dear Sir,

PROPOSED REFUSE DISPOSAL SITE EX RESERVE 1354 - BULLSBROOK.

I refer to the above matter and attach a copy of correspondence the Department received from the Department of Conservation and Environment regarding Reserve 1654 and its involvement with the Environmental Protection Authority's recommendations in the System 6 Study Report.

Will you please arrange the suggested liaison with the Department of Conservation and Environment in an endeavour to resolve matters.

I shall withhold further action pending your deliberations. The Department of Conservation and Environment have been advised accordingly with a copy of this letter.

Yours faithfully,

ACTING UNDER SECRETARY FOR LANDS,
December 3, 1982.

Enc.

13

UNDER SECRETARY FOR LANDS,
DEPARTMENT OF LANDS & SURVEYS

SV:tg

Attention: Mr. A. Skinner

RE: RESERVE NO. 1654 - TRAVELLERS & STOCK (NOT VESTED)

I refer to your letter dated 8 October regarding your request for advice on the proposed excision of Reserve 1654 for the purpose of Refuse Disposal Site and vesting in the Shire of Swan.

The System 6 Report recommends (M14) that the purpose of the Reserve be amended to Conservation of Flora and Fauna and Mining. However, this may be altered by the Authority to only Conservation of Flora and Fauna because of recent amendments to the Land Act.

The whole of the Reserve has been identified as being of high conservation value and also having mineral and water supply potential. The vegetation is detailed in the System 6 Report (M14) and is wide ranging from paperbark woodland on the swampy region to the west to open banksia woodland on the well drained soils to the east. The topography comprises swampy flats to the west, an elevated narrow sand flat on which the proposal is located and a higher sand ridge to the east.

The refuse disposal site is currently run by the Shire of Swan for the use by the residents of Bullsbrook. No other rubbish disposal site is provided for these residents although the R.A.A.F. Pearce Base has its own disposal site further to the south.

The Shire of Swan, in its submission to the System 6 Study, dated 27th July, 1981, states that "One of a number of recommendations to be considered by Council in the near future in relation to a structure plan for Bullsbrook, is that procedures for the formal recognition of the Shire's current refuse disposal site on Morrissey Road be halted and the site rehabilitated and incorporated back into Travellers and Stock Reserve 1654" and "The Shire will liaise with the R.A.A.F. on the combined use of their refuse disposal site on CG7162".

The existing disposal operation (which is mostly a cut and fill method) is located in the south east corner of the proposed excision and abutts Morrissey Road. The land between the existing operation site and the Reserve's western boundary is cleared, and to the north and east, the land appears to be in its natural state.

The total area of disturbance, including the current operation, is about 3 ha and is confined to the southern portion of the proposed excision. It is evident that some control of refuse disposal has been attempted by the Shire, however, there is evidence of wind blown material from the disposal site in the surrounding bushland. Also, much of the material deposited on the site has not been covered and generally the area does not appear to be adequately managed. The existing "cut" appears to have intercepted the area's groundwater table as the bottom of the cut is largely of open water and this may cause some threat to the quality of the area's potential water supply.

The proposed excision also lies within Mineral Claims 12208 and 12209 held by Westralian Sands Ltd. for Cassiterite, Tantalite, Sillimanite, Kyanite, Andalusite and Diamonds and the proposal could adversely affect the mineral potential of the area, especially M.C. 12209.

Because of the nature of the proposal in terms of its adverse impact on the high conservation value of the area, and its likely impact on the water supply and mineral potential, the proposed excision is considered by this Department to be excessive and should be confined to the current area of operation. It may be necessary for the local authority soon to begin determining alternative waste disposal sites for the Bullsbrook area.

If rubbish disposal is to continue, there is an obvious and urgent need for considerably improved management practices. In fact, any continued operation should be dependent upon the Shire of Swan preparing an acceptable operation/management programme for the site addressing such matters as :

- elimination of informal dumping on the rubbish site and in the surrounding Reserve,
- improvement of operational practices at the tip (dumping/backfilling should be carried out strictly in accordance with established land fill practices, and fire control should be strongly emphasised),
- maintenance of effective screening of the site from the Great Northern Highway (by replanting programmes if necessary),
- rehabilitation on expiration of dumping (a progressive rehabilitation programme should be implemented),

- control of access from the tip site into the adjoining Reserve,
- protection of the surrounding bushland from wind blown refuse and fire.

Because the proposal is located within the Ellen Brook catchment area and the site itself is considered to be a potential water supply source, the issue of water quality would have to be resolved.

The proposal is located within the Ellen Brook catchment area which is considered by the M.W.A. to be a potential water supply source. Also, two very important Wildlife Sanctuaries (Reserves A27620 and A27621, for the Preservation of Fauna - the short-necked tortoise) are located a short distance downstream and could be adversely affected by any decline in water quality. Thus the issue of water quality should be resolved before any decision is made on the future of the refuse tip operator. Therefore, the W.A. Wildlife Authority (with respect to Reserves A27620 and A27621), the M.W.A. and the P.H.D. should be consulted. Also, the Mines Department should be consulted in regard to mineral claims.

In summary, this department is opposed to the proposed excision of land from this presently unvested reserve and the continued use of the reserve for refuse disposal operations. It is suggested that the local authority liaise with this department with respect to selecting alternative sites for refuse disposal in the Bullsbrook area.

I trust these comments will be of assistance.

C. F. Porter

Signed Steven Vellacott

C.F. Porter
DIRECTOR

17th November, 1982

1088042yN
31° 37' 30"

37

38

86

84

40

82

AVMHD
No. 14

545
57 1 30

417

COCKMAN

Held by Westralian Sands Ltd
for Cassiterite, Tantalite,
Sillimanite, Kyanite,
Andalusite M 1673
1088 0 23

A1654
3739
Travelling Stock
1887 387 2 12
MC 12209

Diamonds

MC 12209

Greenhills

Refer to File 16627/71 p. 31 M 1673

MC 12208

as above, excluding
andalusite

A27583
7867
Recreation
abt. 236 acs.
KARAKABY

CG 7162
21 1 0

CC 5462

A-10788 CG CC
2736 5304

Grandale

2197 0 20

133 2 20

PEARCE AERODROME

BULLSBROOK EAST
BULLSBROOK
Rt. No. 1055 ROAD

BULLSBROOK

106
107
108
109
310
311
312
313
158

1397
119 3 28

Brook

140

141

142

143

144

145

1415

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GREAT

NORTHERN

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NOTE TO FILE

Telephone Conversation with Deputy Shire Clerk (12/11/82)

It was pointed out that the Shire of Swan had approached the R.A.A.F. some time ago with respect to the possibility of the Shire using the RAAF rubbish disposal site. The R.A.A.F. was not apparently interested in the idea and so the Shire has not withdrawn its application for excision of part of Reserve 1654 for rubbish disposal. The Shire has taken no further action with respect to the existing site because it is aware of the DCE's intention to protect the conservation value of Reserve 1654 through the System 6 Study.

S. Vellaco

12. 11. 82

FIELD INSPECTION OF RUBBISH DISPOSAL SITE, NORTH OF BULLSBROOK
(RESERVE 1654) - SYSTEM 6 RECOMMENDATION M14

Location: As shown on the attached plan, rubbish is being dumped within a few metres of Morrissey Road.

Vegetation: An area of just less than 3 ha has been cleared. This area includes roads and an excavated area on the eastern side. There is a narrow belt of low scrub 20-40m wide around the northern and eastern edges between the disposal site and a fire break. Some of the scrub is heavily affected by weeds and wind-blown rubbish, particularly on the north-western edge of the area. The area adjacent to the north-western edge comprises a small, healthy woodland of banksia with a dense understorey. Although a fence appears to have been constructed along the western boundary of the tip, it has since been rendered useless and rubbish is blowing into this attractive banksia woodland.

To the north of the rubbish disposal site, is an overgrown track which runs along a slight ridge-line and separates banksia woodland to the east from swamp vegetation including emergent paperbarks to the west. The contrast in vegetation types from east to west is quite marked and both areas are very attractive.

The System 6 Study Report and the Conservation Reserves and National Parks Committee Report both state that Reserve 1654 has considerable conservation value and accordingly the tip site can and should be limited to the area it now occupies. This would mean excising the area bounded by Morrissey Road, the eastern boundary of lot 1, Swan Location 91 and the fire-break/track closest to the tip site on its northern and eastern sides. The total perimeter of this boundary is about 728 metres, covering an area of less than 3 ha. Providing operations at the tip site are carefully managed and existing problems are rectified, no further down-grading of nearby areas should occur. The area of 11.1589 ha proposed for excision from Reserve 1654 by the Lands Department is therefore excessive and should be reduced.

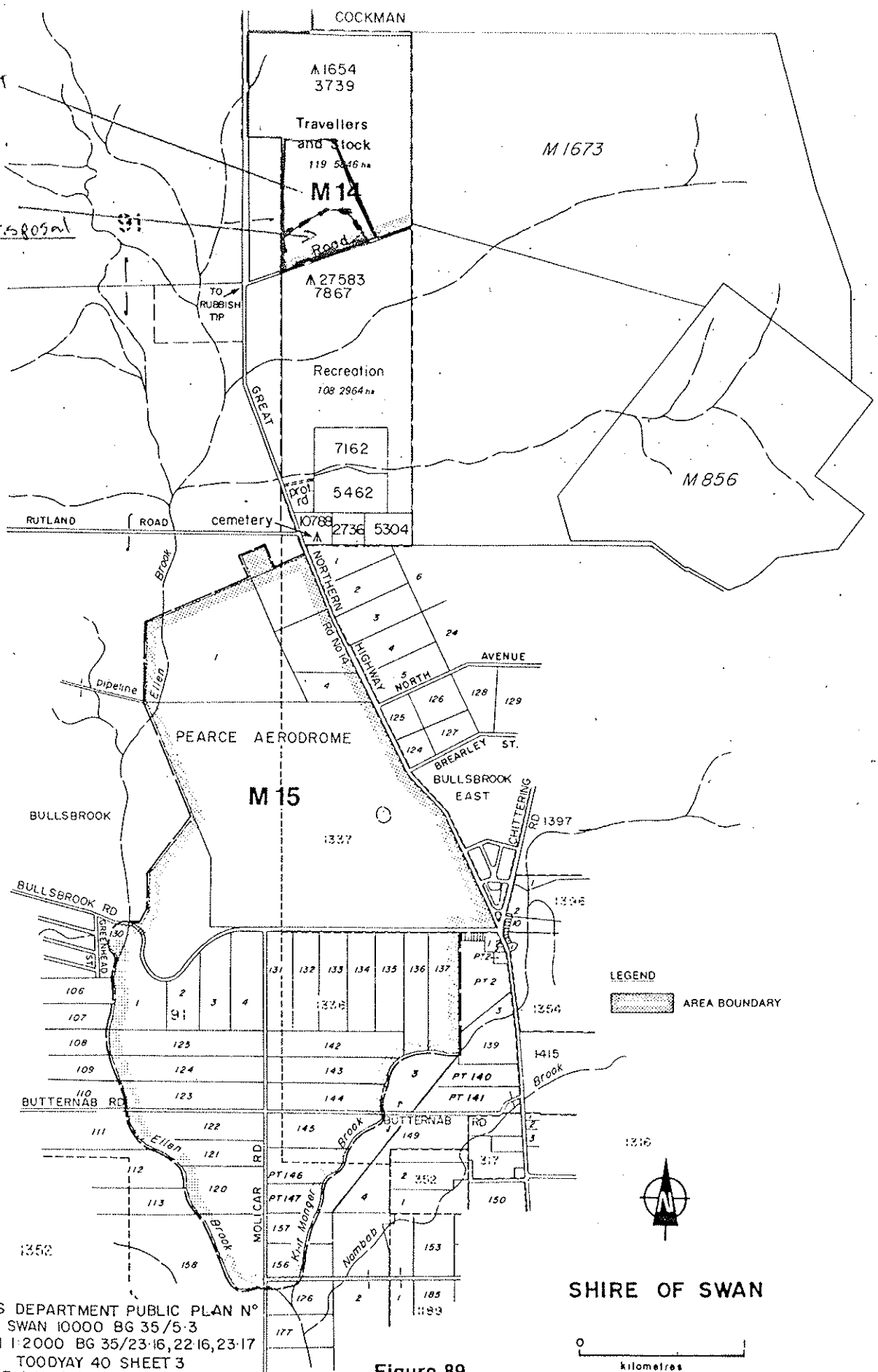
It should be noted that the Shire of Swan, in its submission to the System 6 Study explained that consideration was being given to closing the tip in favour of using the RAAF's refuse disposal facilities at another location.

S. Vellacott

11th November, 1982

LANDS DEPT
EXCISION
PROPOSAL.

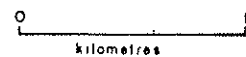
Current
Rubbish Disposal
Site



LANDS DEPARTMENT PUBLIC PLAN N°
 SWAN 10000 BG 35/5-3
 SWAN 1-2000 BG 35/23-16, 22-16, 23-17
 TOODYAY 40 SHEET 3
 DCE Ref. No A15, B15

Figure 89

SHIRE OF SWAN



Note to file.

The Shire of Swan Bullsbrook Rubbish Tip is used by the Bullsbrook residents. No rubbish disposal service is provided by the Shire.

The Air Force has its own disposal site further to the south.

