

Customer Service **1300 728 500**

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ENQUIRIES TO:

P 1300 268 624

FILE REF:
10/10/1

DOC NO:
1682662

SMH:EMD

18 August 2011

Queensland Floods Commission of Inquiry
Commissioner of Inquiry
Justice Catherine E Holmes
GPO Box 1738
BRISBANE QLD 4001

OUR COMMUNITIES | OUR FUTURE

Address all correspondence
to the Chief Executive Officer
PO Box 551, DALBY, QLD 4405
info@wdrc.qld.gov.au

Dear Justice Holmes

RE: REQUIREMENT TO PROVIDE INFORMATION TO THE COMMISSION OF INQUIRY

As requested please find enclosed relevant material regarding Questions 1 and 2 of your correspondence.

All material in relation to applications and investigations made pursuant to *Chinchilla Shire Council Local Law No. 42 (Levee Banks) between 1 January 2000 and 4 August 2011* are enclosed, and a brief description has been provided to identify each document.

To provide information to respond to Question 2, the approach has been to initially provide information on levees and banks in locations that have significant impact on flood flows that affect the regions towns.

Enclosed also are a list of levee banks and bunds known within Western Downs Regional Council. They are referenced via lot on plans/real property descriptions, which will give the location. A brief description is also included and a Map Info file that can be inputted into a GIS mapping system to create a layer.

The exact location of the levee banks are unknown and furthermore it is also not known if the banks are temporary or permanent, we would have to assume that they are permanent.

To use the information given, in isolation would not be totally accurate as there are many more banks (e.g. ring tanks, head ditches, diversion banks and railway lines) within the Council area, which would have an influence on flood flows. To gather this information and correlate it will take significantly more time and resources than has been allowed and is available. While, full floodplain modelling would be necessary to have any degree of accuracy of the influence of any levees or banks.

If the information is not sufficient for the purpose it has been requested, any further detail requested can be investigated and attempts to gather can be made. The Department of Environment and Resource Management would have further information that Western Downs Regional Council do not hold.

Yours sincerely


DIRECTOR ORGANISATIONAL SERVICES

Document Name	Description	Ref
1. All material in relation to applications and investigation made pursuant to <i>Chinchilla Shire Council Local Law No. 42 (Levee Banks)</i> between 1 January 2000 and 4 August 2011		1
Levee Bank 11703	Levee Bank Approval Lot 1 2 & 3 LY782 (1 of 5) Hayward	1
Levee Bank 11703.001	Levee Bank Approval Lot 1 2 & 3 LY782 (2 of 5) Hayward	1
Levee Bank 11703.002	Levee Bank Approval Lot 1 2 & 3 LY782 (3 of 5) Hayward	1
Levee Bank 11703.003	Levee Bank Approval Lot 1 2 & 3 LY782 (4 of 5) Hayward	1
Levee Bank 11703.004	Levee Bank Approval Lot 1 2 & 3 LY782 (5 of 5) Hayward	1
Levee Bank 11999	Levee Bank Approval Lot 125 LY607 Fromm	1
Levee Bank 12183	Levee Bank Approval Lot 200 RP848739 Zischke	1
Levee Bank 12199	Levee Bank Approval Lot 2 RP206730 & Lot 288 RP907455 Usher (1 of 2)	1
Levee Bank 12199.001	Levee Bank Approval Lot 2 RP206730 & Lot 288 RP907455 Usher (2 of 2)	1
Levee Bank 12584	Levee Bank Approval Lot 1 RP198000 Davis	1
Levee Bank 13116	Levee Bank Approval Lot 8 LY148 Dickman	1



Department of
Primary Industries

Water Resources Commission

3764

Mineral House, 41 George Street, GPO Box 2454, Brisbane, Qld 4001
Telephone (07) 224 2111, Facsimile (07) 221 9312, Telex 41761

Enquiries to [REDACTED]

Telephone [REDACTED]

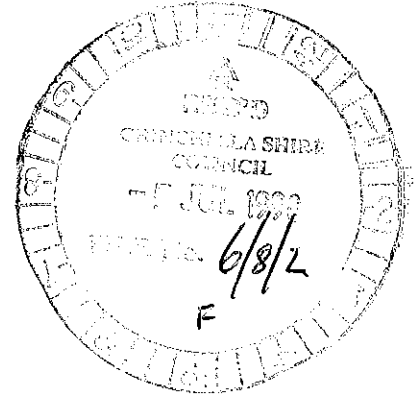
Your reference

Our reference 90/20839

Date 4th June 1990

Address all correspondence to:
The Commissioner of Water Resources

The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA Q 4413



Dear Sir

APPEAL - [REDACTED]

I wish to advise that Messrs Carvosso and Winship, Solicitors for [REDACTED], have given formal notice of withdrawal of [REDACTED] appeal.

Yours faithfully

[REDACTED]
for COMMISSIONER OF WATER RESOURCES

9 April, 1990

[REDACTED]
Water Resources Commission,
GPO Box 2454,
BRISBANE Q. 4001

Dear Sir,

Re: [REDACTED]

With reference to your letter of 3 April, 1990 Ref. 90/11535, concerning the above, I wish to advise that I have nothing further to add to my notification to you of 6 December, 1989.

It is suggested that [REDACTED] be contacted to ascertain his intentions, Council has licensed the works proposed by Mr. [REDACTED]

Yours faithfully,

[REDACTED]
[REDACTED]
(Shire Clerk)



Water Resources Commission

Your reference:
In reply please quote
our reference: 90/11535
When enquiring
please ask for:
Telephone:



Mineral House, 41 George Street, Brisbane.
G.P.O. Box 2454, Brisbane, Q. 4001.
Telex 41761; Facsimile (07) 221 9312

3 April 1990

The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413

Dear Sir

RE: APPEAL - [REDACTED]

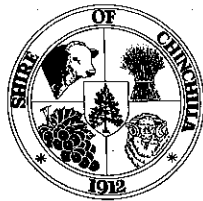
I refer to your letter dated 6 December 1989, concerning an appeal by [REDACTED] under Section 47 (24) of the Local Government Act.

Will you please advise if there has been any progress in this matter since your last advice.

Yours faithfully

[REDACTED]
for COMMISSIONER OF WATER RESOURCES

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4412
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE 26/1/1-1/11/11

YOUR REFERENCE **693**

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

6 December, 1989

[REDACTED]
Water Resources Commission,
GPO Box 2454,
BRISBANE Q. 4000

Dear Sir,

Re: Appeal - [REDACTED]

Further to previous correspondence and discussions on the above matter, your reference 89/2947/4, I wish to advise that Mr. [REDACTED] has accepted Councils conditions for the licensing of his levee banks etc in accordance with Section 47(24).

Accordingly it is Councils understanding that this appeal will not be proceeding, however, [REDACTED] will be responsible for withdrawing the appeal.

I enclose herewith a copy of Councils letter to [REDACTED] and his reply thereto.

Yours faithfully,

[REDACTED]
(Shire Clerk)

Telephone:

FAX

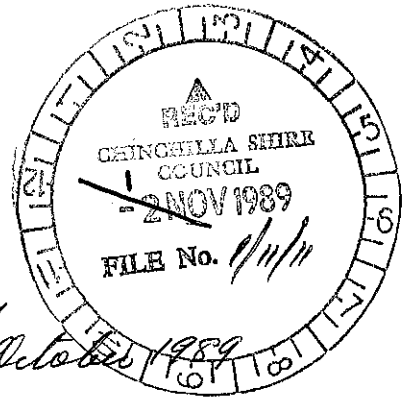
"Rosthorne",

Box 8,

Warra,

Q. 4411

31st October 1989



The Shire Clerk,

Churchilla Shire Council

Churchilla, FAX 076 627720

Dear Sir,

Your reference 1/11/11

Thank you for your letter of 25th October. I am very happy that we have settled our dispute without resorting to litigation.

I am sure it could have been resolved much earlier if it had been kept free of politics.

Regarding paragraph (ii) of your letter I will be happy to consult with [redacted] regarding the levels at which the culvert is to be installed.

It would be desirable if the 1200 x 225 RCBC's were delivered on site fairly soon, and the levels determined, so that they could be installed if weather conditions present other work being performed on the farm.

Yours truly

[redacted signature]

21-1-2
and
1/2/1
and
1-11-11

ORDER IN COUNCIL

At the Executive Building, Brisbane, the twenty-sixth day of October, 1989.

Present:

His Excellency the Governor in Council

HIS Excellency the Governor in Council, acting by and with the advice of the Executive Council, and in pursuance of the provisions of the *Local Government Act 1936-1989*:-

1. Hereby rescinds the Order in Council made on the 20th day of October, 1988 and published in the *Gazette* on the 22nd day of October, 1988 which applied the provisions of section 47(24) of the Act to the whole of the Area of Chinchilla for a period of five years on and from the twenty-second day of October, 1988; and
2. (a) In respect of the whole of the Area of the Shire of Chinchilla, having been satisfied by the Chinchilla Shire Council that -
 - (i) Levee banks would be likely to affect natural drainage to such extent as to cause damage to land;
 - (ii) In general, having regard to land topography, and in the absence of a scheme of agricultural drainage, the natural flow of water should not be in any way affected by levee banks; and
 - (iii) Save as required, permitted or authorised under or pursuant to some other Act or permitted in writing by the Council, levee banks should be prohibited,does hereby apply section 47(24) of the Act to all the parts of the Area of the Shire of Chinchilla other than the parts of the Area included in an approved plan under the *Soil Conservation Act 1986*;
- (b) Having been satisfied that the cost of a scheme of agricultural drainage would probably be beyond the economic ability of owners of the lands which would be served thereby, does hereby upon the application of the Council, apply the subsection for a period of five years on and from the twenty-eighth day of October, 1989.

And the Honourable the Deputy Premier, Minister for Finance and Minister for Local Government is to give the necessary directions herein accordingly.

 Clerk of the Council

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE 1/11/11

YOUR REFERENCE

472

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

25 October, 1989

[REDACTED]
P.O. Box 8,
WARRA O 4411

Dear Sir,

Re: Permit - Levee Bank/Head Ditches

Further to previous discussions and correspondence regarding your application to license head ditches and levee banks, I wish to advise that Council have agreed to issue a permit to cover Sub 3 Portion 337 Parish of Earle and Wintens Road.

The permit is issued for a period of 5 years subject to the following conditions;

- i) The R.L. of the head ditch formation is not to exceed the height of Wintens Road, under any circumstances.
- ii) A 9 metre length of 1200 x 225 RCBC is to be placed across the roadway, to levels set by Council, at chainage 3650. Council will supply the culvert which shall be installed by yourself to Councils specification and satisfaction.
- iii) Provision for tail water from the southern side to cross the roadway through the RCBC at chainage 3650.
- iv) At chainage 3650 an ante syphon pipe is to be placed in the head ditch to allow storm and tail drain water to pass through the head ditch into the tail drain that runs in a northerly direction.
- v) The grass in the drains that service these tail water drains is to be kept mowed and free of any blockages at all time, weather permitting.
- vi) The tail drain that runs in a northerly direction at chainage 4100 is to be constructed in such a manner that water cannot flow from it onto property described as Resub 1 of Sub 2 of Portion 434 Parish of Earle.

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

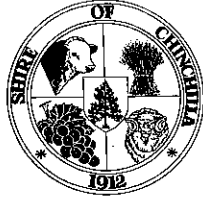
-2-

vii) All costs other than as in ii) above are to be met by [REDACTED]

Yours faithfully,

[REDACTED]
(Shire Clerk)

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE 1/11/11

YOUR REFERENCE

381

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

28 September, 1989

[REDACTED]
Water Resources Commission,
G.P.O. Box 2454,
BRISBANE Q. 4001

Dear Sir,

Re: [REDACTED] Appeal

With reference to previous correspondence in relation to this matter, I would advise that it appears that the appeal will not now proceed, however this is up to [REDACTED]

Council have set conditions on the license to [REDACTED], who has recently indicated his verbal acceptance thereto, with minor amendments.

It is now Councils intention to forward the agreed conditions for licensing to [REDACTED] and obtain his written acceptance thereto, following which should see the withdrawal of the appeal.

Yours faithfully,

[REDACTED]
[REDACTED]
(Shire Clerk)



1943

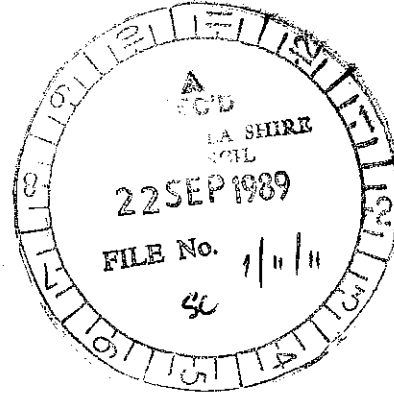
Water Resources Commission

Your reference: ~~11/172~~
In reply please quote
our reference: 89/11535
When enquiring
please ask for:
Telephone:

Mineral House, 41 George Street, Brisbane.
G.P.O. Box 2454, Brisbane, Q. 4001.
Telex 41761; Facsimile (07) 221 9312

19th September, 1989

The Shire Clerk
Chinchilla Shire Council
P.O. Box 42
CHINCHILLA QLD 4413

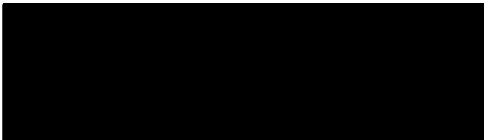


Dear Sir,

I refer to your letter dated 31st July, 1989 concerning an appeal by [redacted] against the decision of Council in respect to an application under the provisions of Section 47(24) of the Local Government Act.

Would you please advise if the matter has been resolved or if the appeal is to proceed.

Yours faithfully,



for COMMISSIONER OF WATER RESOURCES

COPY TO
COPY TO
COPY TO
B/U DATE

I. Southey (1/11/7) - Ltr 3

Recommendation

4. Moved Cr. Nousala seconded Cr. McCutcheon that approval be granted for [REDACTED] to operate the pie cart within the Shire on the condition that relevant police approval is obtained and that the cart is not setup adjacent to existing similar premises is observed.

CARRIED.

Water Resources Commission (9/1/2) - Ltr 4

Recommendation

5. Moved Cr. McCutcheon seconded Cr. Green that Council advise the Water Resources Commission that in General terms no environmental problems are anticipated with the weir Construction. Council to once again advise the Commission that Council's agreement to the proposed weirs is subject to them having no detrimental affect on the water supplies of Brigalow and Chinchilla.

CARRIED.

Australian Local Government Association (5/1/2) - Ltr 5

RECEIVED.

[REDACTED] - Levee Bank License (11/1/2) - Ltr 6

Recommendation

6. Moved Cr. McCutcheon seconded Cr. Green that Council approve the licensing of [REDACTED] head ditches and drains in accordance with Councils advice to him, on the basis that Council supply the RCBC required and it is installed by [REDACTED] and that the head ditch be installed in accordance with the approval of 17 May, 1989 ie. maximum height not to exceed the height of Wintens Road.

CARRIED.

King & Co. - Osborne Application (6/8/2/) - Ltr 7

Recommendation

7. Moved Cr. Green seconded Cr. Nousala that Council confirm the Shire Clerks action in appointing a Consultant Town Planner to appear in Court on Councils behalf and that the Shire Clerk attend the hearing if possible.

CARRIED.

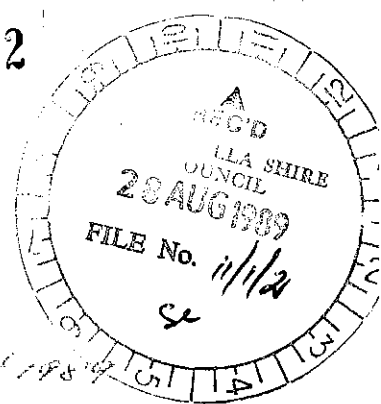
Report
Planning
Development

1762

COPY TO OS 29-08-89
 COPY TO S/Chair
 COPY TO D/W 2
 S/U DATE

Posthone
 0811113
 Fax 0811138

"Posthone"
 Box 8,
 Warr.
 C. 4411



The Shire Clerk
 Churchill Shire Council
 P.O. Box 112
 Churchill

25th August 1989

Without prejudice. For reference 11/12

Dear Sir,

With reference to your letter of 31/7/89 in which you list the conditions upon which your Council will license any existing head ditch on my property, Beltaura, I wish to make the following comments on each of the conditions

- (1) I intend to keep the height of the head ditch parallel to Winters Road to the minimum that is possible.
- (2) I agree to install the 1200 x 225 RCBC at chainage 3650 if the RCBC is supplied by the Council.
- (3) Agreed.
- (4) Agreed.
- (5) Every effort will be made to keep the tail water ditch clear and the grass mowed, however, in very wet years this may not be possible all the time.
- (6) Agreed.
- (7) I agree to carry out all earth works necessary to drain water from the road table drains at chainage 3650 as discussed with Mr. Cunningham, but I could not supply the box culvert for the following reasons.

The irrigation works on the southern side of Winters road have already been licensed (Permit 7) on 29/2/89

Therefore if the Council now wants to make alterations to the approved works, in an effort to provide drainage to a section of road which in its natural state is practically impossible to drain, as it is flat I would that the cost of the materials i.e. the RCBC be borne by the Council.

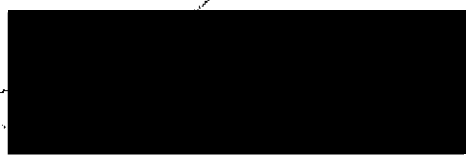
I have previously told your overseer Mr K Livingston that in an effort to resolve our dispute I will do the necessary earthworks which involve shifting a considerable amount of earth and also a good deal of labour to install the box culvert or pipe, but that I would not bear the cost of the culvert or pipe.

Regarding section (x) in your letter in which you say that a bank is to be constructed to a level set by the Department of Primary Industries.

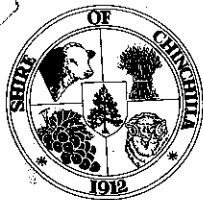
I have to advise that in accordance with my licence for these works (Permit 7) the tail drain will be cut from my field into the box culvert under winter row as originally proposed; but I will not be constructing any bank to D.P.I. specifications.

However in accordance with normal irrigation practice a bank will be constructed along the boundary of the field to contain irrigation water in the field and stop it entering the neighbours property and does not any run off into the box culvert.

Yours truly



CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE

11/1/2

YOUR REFERENCE

127

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

31 July, 1989

[REDACTED]
P.O. Box 8,
WARRA Q. 4411

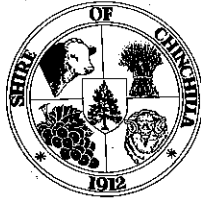
Dear Sir,

Re: Levee Bank's License

With reference to previous discussions and correspondence regarding the above matter, I wish to advise, without prejudice, that Council are prepared to approve the licensing of your levee banks on the following conditions:-

- (i) The R.L. of the head ditch formation is to be approximately the same as the gravel surface of Wintens Road.
- (ii) A 9m length of 1200 x 225 RCBC is to be placed across the roadway to levels set by Council at chainage 3650.
- (iii) Provision for tail water from the southern side to cross the roadway through the RCBC at chainage 3650.
- (iv) At chainage 3650 an ante syphon pipe is to be placed in the head ditch to allow storm and tail drain water to pass through the head ditch into the tail drain that runs in a northerly direction.
- (v) The grass in the drains that service these tail water drains is to be kept mowed and free of any blockages at all times.
- (vi) The tail drain that runs in a northerly direction at chainage 4100 is to be constructed in such a manner that water cannot flow from it onto the property owned by Homewoods.
- (vii) All costs to be born by [REDACTED]

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

(x) The RL of the bank that is to be constructed to lead water from south side of road into pipes at the western boundary on chainage 4100, is to be set by the Department of Primary Industries.

Should you be in agreeance with the above conditions please confirm your acceptance in writing at your earliest convenience.

Yours faithfully,

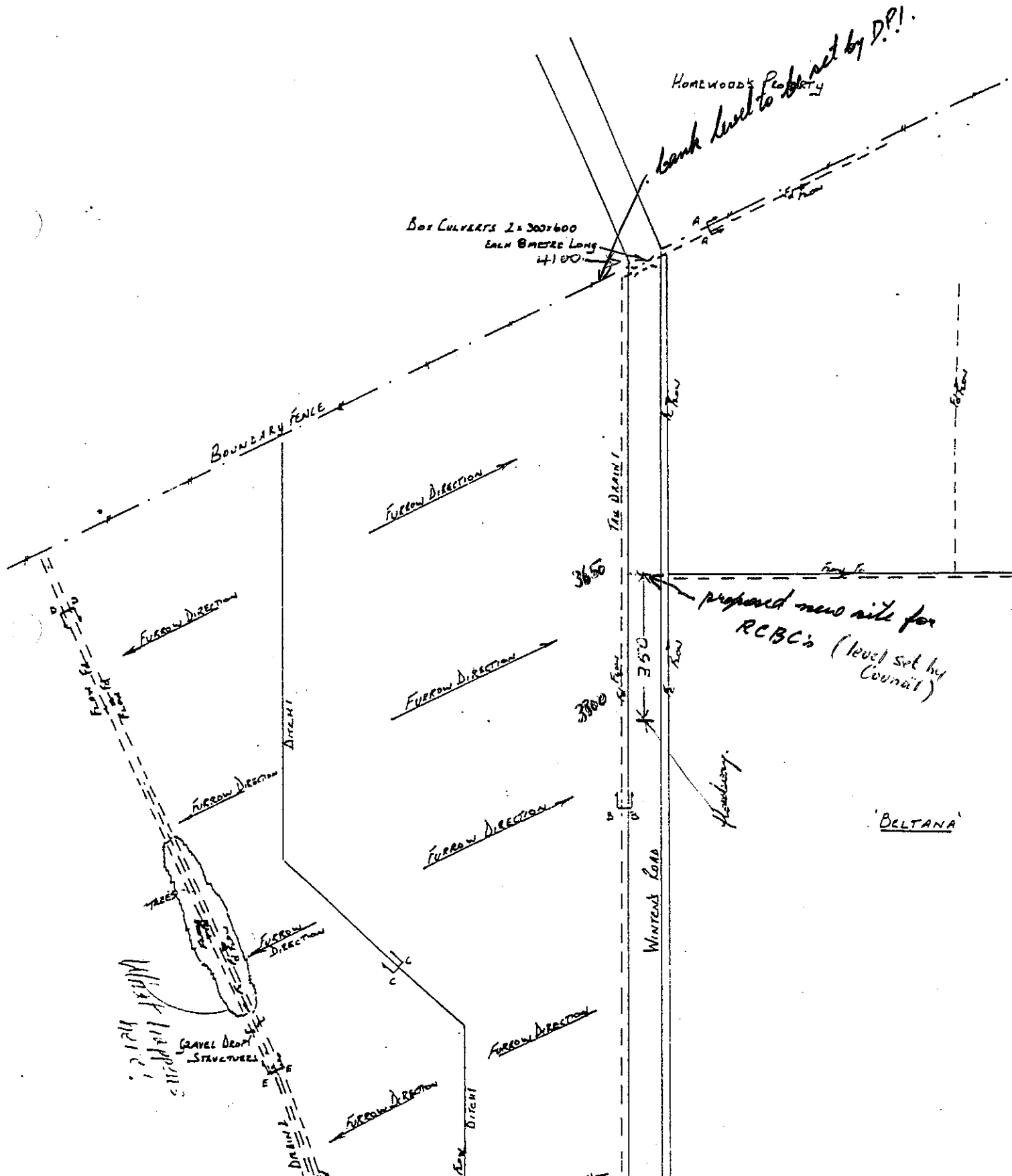
[REDACTED]

[REDACTED]

(Shire Clerk)

WINTONS RD RCBC

Sept 9, 1986 4:17 PM
2 x 4 ft Boxes





6 July 1989.

Dear Sir,

Re. [REDACTED], Warra.

Mr. [REDACTED] (Shire Council) and I inspected the site of the proposed works by [REDACTED] on the 2nd June, 1989.

[REDACTED] proposal:- to (I) take run-off water to floodway (A) via his tail drain (c) on the southern side of the road and then by a constructed drain parallel to the road on the northern side of the road reserve to point (B) where the water would be diverted into another tail drain (D) to the north.

(II) Water collected by the tail drain (E) after floodway (A) and that which did not cross the road at (A) would have to cross the road at point (F) and enter tail drain (G).

In principle, the proposal appears sound. Parties affected are the Shire Council and his own property.

Constraints:- (a) Levels taken by [REDACTED] show 0.152m fall from fence line to fence line across the road at the floodway. This may be enough to drain surface water but I feel there is no margin for excavation of the tail drain on the southern side of the road. In other words, only water carried above the excavation will discharge over floodway (A). [REDACTED] may comment more on this point. At point (F) the levelled surface is .120m lower than original thereby reducing the cross fall over the road.

(b) The fall along the drain to be constructed on the road reserve will be in the order of 0.107m for a distance of 350m (taken from [REDACTED] survey). This is virtually flat. Water movement will be very slow and any growth of vegetation will impede water movement even more - hence it will be necessary to keep the drain bare or at least slashed.

(c) As it will be important to ensure all the run-off water reaching point (F) does cross the road and remains in tail drain G, banks will need to be built along [REDACTED]

The Shire Clerk,
Chinchilla Shire Council,
CHINCHILLA, Q. 4413.

.../2

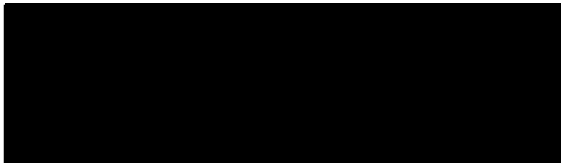
western boundary of both the southern portion and northern portion. The banks will have to be butted onto the road formation on the western side of the road cross-drainage structure. The bank on the southern portion will need to be extended far enough to contain the run-off water while it waits to cross the road. I would suggest 100mm higher than the road formation and built 100 mm higher (settled height) than the road formation.

The banks need to be broad to avoid cracking through in dry times and to reduce flood damage to them.

The eastern side of tail drain (G) will need to be left open (no bank) to allow temporary storage of flows too great for the channel itself.

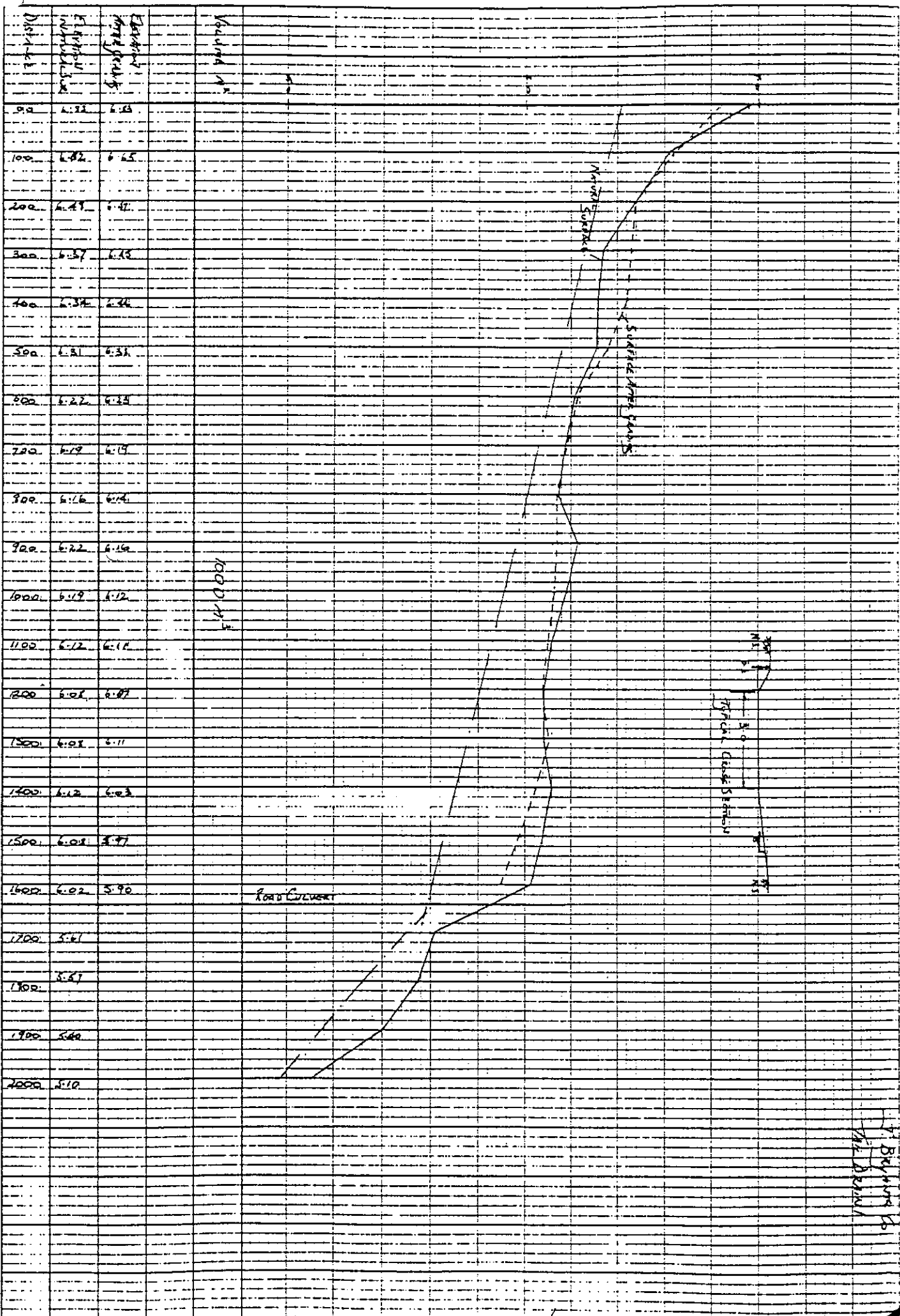
Map and Estimates of run-off:- See enclosed map. Estimates are for 1:10 year frequency using a co-efficient of run-off of .6

Yours sincerely,



SOIL CONSERVATION SERVICES BRANCH.
CHINCHILLA.

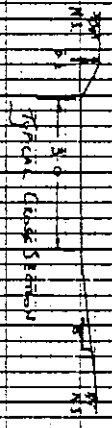
Enc.



800
floodway

1000 ft

ROAD CURVE



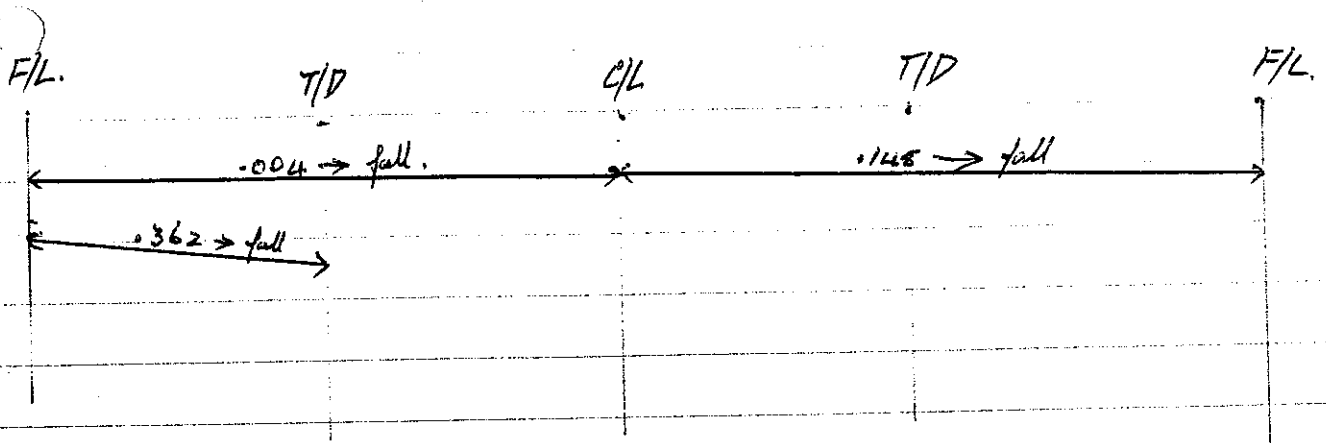
By
the
drawn

Distance	Elevation Actual	Elevation Proposed
0	6.21	6.18
100	6.22	6.25
200	6.29	6.42
300	6.37	6.43
400	6.38	6.36
500	6.31	6.31
600	6.27	6.34
700	6.19	6.19
800	6.16	6.14
900	6.22	6.16
1000	6.19	6.12
1100	6.12	6.12
1200	6.08	6.07
1300	6.08	6.11
1400	6.12	6.02
1500	6.08	5.97
1600	6.02	5.90
1700	5.61	
1800	5.67	
1900	5.60	
2000	5.10	

Requirements for J. Frey's flood irrigation works.

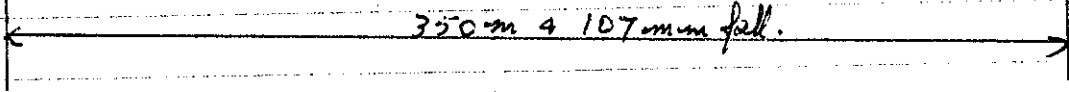
formation

1. The R.L. of the head ditch, is to be approximately the same as the gravel surface of Winters Rd.
2. ~~To take tail water from the southern irrigation floodway to the north side of the same, a 9-m length of 1200 x 225 RCBC is to be placed at the western approach to the floodway at chainage 3300.~~
3. Provision for tail water from the southern side to cross the roadway both over the bitumen sealed floodway & through the RCBCs at chainage 3300.
4. Provision of an outlet drain with a level floor of approximately 3 m wide to be constructed from chainage 3300 to a tail drain that runs in a northerly direction at chainage 3650.
5. At chainage 3650 an extra syphon pipe is to be placed in the head ditch to allow storm & tail drain water to pass through the head ditch into the tail drain that runs in a northerly direction.
6. The grass in the drains that service these tail water drains is to be kept mown & free of any blockages at all times.
7. The tail drain that runs in a northerly direction at chainage 4100 is to be constructed in such a manner that water cannot flow from it onto the neighbouring property.
8. All costs to be born by J. Frey.

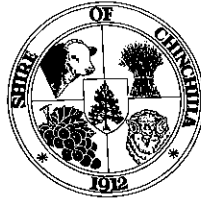


T/D at floorway.
99.050

T/D at dividing fence.
99.943



CHINCHILLA SHIRE COUNCIL
PO B 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE/2
11/11/89
YOUR REFERENCE

138

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

31 July, 1989

Commissioner,
Water Resources Commission,
G.P.O. Box 2454,
BRISBANE Q. 4001

Attention: [REDACTED]

Dear Sir,

Re: Appeal Sect 47(24) - [REDACTED]

With reference to your letter of 31 May and recent discussions concerning the above, I wish to advise that Council has forwarded to [REDACTED] a proposal for the licensing of his Levee Banks.

Should [REDACTED] accept this proposal Council will issue a license for the banks and it is understood that the appeal will be withdrawn.

Yours faithfully,

[REDACTED]
(Shire Clerk)

GENERAL BUSINESS

Chinchilla High School Works

Cr. Thorpe outlined Councils on going responsibilities if the proposal as presented by the Department of Education is agreed to.

Recommendation

- 9. Resolved that an onsite inspection be made of the area concerned following the lunch adjournment of the General Meeting.

Independence of Local Authorities

Recommendation

- 10. Moved Cr. Green seconded Cr. McIntyre that the Council write to the Local Government Association and advocate that Council retain the control over the establishment of feedlots within this Shire in line with widely accepted guidelines and not be subject to heavy handed State Government laws which may be determined to the detriment of the economy of the Shire.

CARRIED.

Report
Planning

██████████ - Levee Banks (45/1)

Development

- 11. Moved Cr. McCutcheon seconded Cr. Vellnagel that Council approve of conditions on Mr. J. Bryant's head ditches as outlined by the Overseer and in particular the following:-

- 1. The RCBC across Winters Road to be placed in line with tail drain "D".
- 2. The RL of the bank that is to be constructed at the western boundary to be set by the DPI.

Council will not be responsible for the purchase of the culverts as they are required solely as a result of work carried out by Mr. Bryant.

CARRIED.

CLOSURE

There being no further business the Chairman declared the Meeting closed at 1.55 p.m.

Presented to the General Meeting of the Council of the Shire of Chinchilla held on 20 July, 1989.

.....
CHAIRMAN

.....
SHIRE CLERK



1478

6 July 1989.

Dear Sir,

Re. [redacted] Warra.

Mr. R. [redacted] (Shire Council) and I inspected the site of the proposed works by Mr. J. [redacted] on the 2nd June, 1989.

[redacted] proposal:- to (I) take run-off water to floodway (A) via his tail drain (c) on the southern side of the road and then by a constructed drain parallel to the road on the northern side of the road reserve to point (B) where the water would be diverted into another tail drain (D) to the north.

(II) Water collected by the tail drain (E) after floodway (A) and that which did not cross the road at (A) would have to cross the road at point (F) and enter tail drain (G).

In principle, the proposal appears sound. Parties affected are the Shire Council and his own property.

Constraints:- (a) Levels taken by [redacted] show 0.152m fall from fence line to fence line across the road at the floodway. This may be enough to drain surface water but I feel there is no margin for excavation of the tail drain on the southern side of the road. In other words, only water carried above the excavation will discharge over floodway (A). [redacted] may comment more on this point. At point (F) the levelled surface is .120m lower than original thereby reducing the cross fall over the road.

(b) The fall along the drain to be constructed on the road reserve will be in the order of 0.107m for a distance of 350m (taken from [redacted] survey). This is virtually flat. Water movement will be very slow and any growth of vegetation will impede water movement even more - hence it will be necessary to keep the drain bare or at least slashed.

(c) As it will be important to ensure all the run-off water reaching point (F) does cross the road and remains in tail drain G, banks will need to be built along [redacted]

The Shire Clerk,
Chinchilla Shire Council,
CHINCHILLA, Q. 4413.

.../2

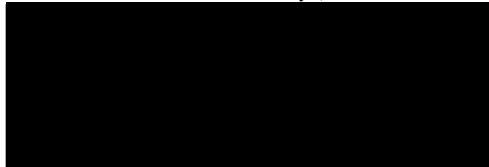
western boundary of both the southern portion and northern portion. The banks will have to be butted onto the road formation on the western side of the road cross-drainage structure. The bank on the southern portion will need to be extended far enough to contain the run-off water while it waits to cross the road. I would suggest 100mm higher than the road formation and built 100 mm higher (settled height) than the road formation.

The banks need to be broad to avoid cracking through in dry times and to reduce flood damage to them.

The eastern side of tail drain (G) will need to be left open (no bank) to allow temporary storage of flows too great for the channel itself.

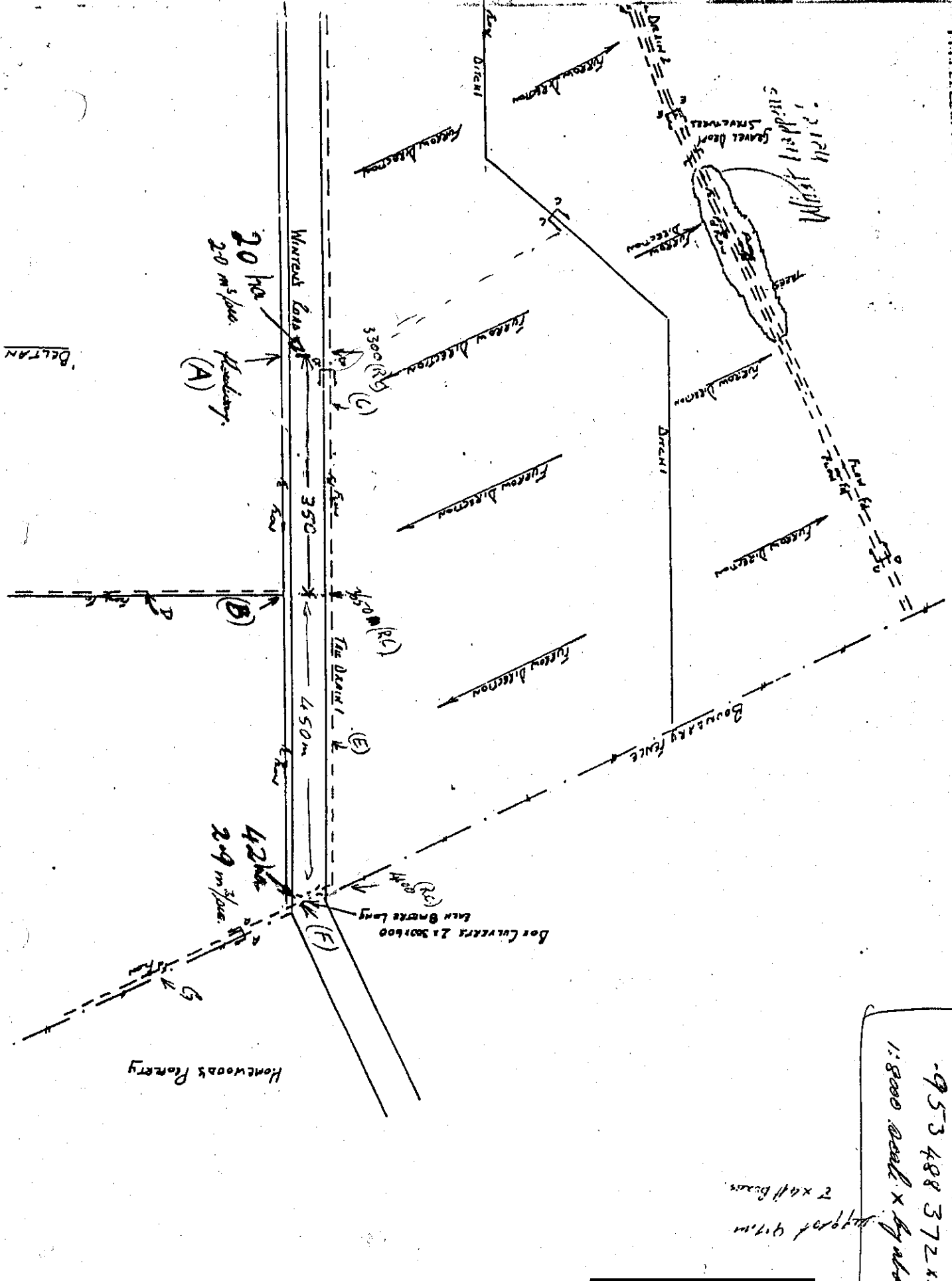
Map and Estimates of run-off:- See enclosed map. Estimates are for 1:10 year frequency using a co-efficient of run-off of .6

Yours sincerely,



SOIL CONSERVATION SERVICES BRANCH.
CHINCHILLA.

Enc.



1048780478 x m ^{approx} = Reading on
 1:8000 scale
 -953488372 x reading on 1:8000 scale
 = meters on ground
 1:8000 scale x by above factor

2 x 4 ft Box
 2000 ft. m

WINTERS RD RERC

Steve Hambley, Dec

PLANNING AND DEVELOPMENT COMMITTEE REPORT OF MEETING

HELD ON 8 JUNE, 1989 COMMENCING AT 1.15 P.M.

PRESENT

Crs. K.G. Thorpe (Chairman), [REDACTED]

Officers in Attendance: [REDACTED] Shire Clerk, R.C. Covington
(Overseer of Works) and [REDACTED] (Health Surveyor).

Apologies: Nil.

CORRESPONDENCE

Wambo Shire Council (116/1) - Ltr. 1

Recommendation

1. Moved Cr. Green seconded Cr. Jeffery that Council advise the Wambo Shire that this Council supports the abandonment of the rabbit fence and would wish to join in a deputation to the Minister with them.

Carried.

Water Resources Commission - Ski Boat Licence (12/1) - Ltr. 2

Received.

Minister for Transport & Communication - Chinchilla Post Office (102/3) - Ltr. 3

Received.

Carvosso & Winship - Bryant (45/1) - Ltr. 4

Recommendation

2. Moved Cr. Middleton seconded Cr. Green that Council write to Mr. [REDACTED] and outline the suggestions, previously advised by Council, that would allow him to have his head ditches etc licensed by Council.

Carried.

Minister For Police - Car Park (126/3) - Ltr. 5

Recommendation

3. Moved Cr. McIntyre seconded Cr. Green that Council write to the relevant Department and apply for a 30 year lease of the car park area so that it can be upgraded.

Carried.



Water Resources Commission

Your reference:

In reply please quote

our reference: 89/2947/4

When enquiring

please ask for:

Telephone:

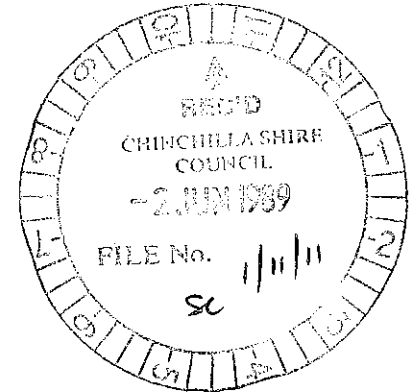
Mineral House, 41 George Street, Brisbane.

G.P.O. Box 2454, Brisbane, Q. 4001.

Telex 41761; Facsimile (07) 221 9312

31st May, 1989

The Shire Clerk
Chinchilla Shire Council
Heeney Street
CHINCHILLA QLD 4413



Dear Sir,

APPEAL UNDER SECTION 47(24) OF THE LOCAL GOVERNMENT ACT

I wish to acknowledge receipt of an appeal on behalf of [REDACTED] of Warra against the decision of the Shire of Chinchilla to give approval subject to certain conditions, for the construction of levee banks on property described as subdivision 3 of Portion 337, Parish of Earle.

The appellant's Solicitors have requested a directions hearing so that a timetable can be set for the exchange of expert reports, for mutual discovery and for allocation of hearing dates. A mutually convenient time and place for a directions hearing is presently being determined and I will advise further on this matter.

To enable the appeal to proceed I would appreciate your providing me with the following information:-

- (i) A copy of the application made to Council.
- (ii) Details of any objection lodged against the application.
- (iii) A copy of the Council's decision sent to the applicants in respect of the application.
- (iv) Any technical and/or engineering reports relating to the application.

Yours faithfully,

[REDACTED]
for COMMISSIONER OF WATER RESOURCES

CARVOSSO & WINSHIP

Solicitors

R. W. WALKER
M. C. GUGOURE
G. SPKINS
W. SCHIRMER B.COM., LL.B.
S. J. MEAD

Stuart Street,
DALBY 4405
Queensland

TELEPHONE: 62 2033 (5 lines)

Area Code: 076

FAX No. 076 62 1093

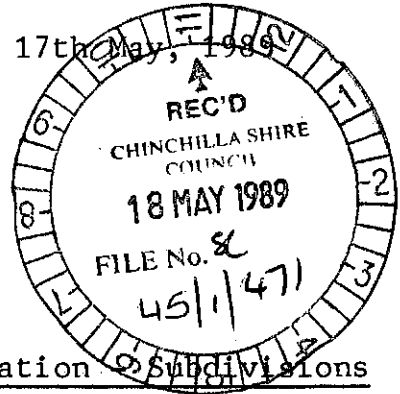
BOX 527, P.O.
DALBY, Q. 4405

Your Ref: 45/1/468

Our Ref: MCB:DC
11321

1183

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA. 4413.



Dear Sir,

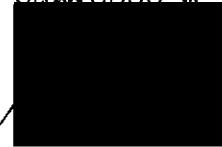
re: [redacted] - Levee Bank Application Subdivisions
3 Portion [redacted] Parish Earle

We enclose by way of service Notice of Appeal to the Commissioner of Water Resources pursuant to the provisions of Section 47 (24) of the Local Government Acts 1936-1988.

A copy of the Appeal Notice has also gone forward to the Commissioner of Water Resources today.



Yours faithfully,
CARVOSSO & WINSHIP



Colas b DC2
OS
Shire Chairman.
Date 25/5/89

IN THE MATTER of an appeal to the Commissioner of Water Resources under the Provisions of Section 47(24) of the Local Government Act 1936 - 1988 by [REDACTED] from the decision of the Council of the Shire of Chinchilla made on the 21st April 1989.

TAKE NOTICE that, pursuant to the provisions of Section 47(24) of the Local Government Act 1936-1988, the abovenamed Appellant, [REDACTED] hereby appeals to the Commissioner of Water Resources against the decision of the Council of the Shire of Chinchilla made on the 21st April, 1989 approving the application by the Appellant for permission to continue to maintain levee banks on land described as Subdivision 3, Portion 337, Parish of Earle, subject to certain conditions.

AND FURTHER TAKE NOTICE that, in lieu of the said decision of the Council, the Appellant seeks unconditional permission to continue to maintain the said levee banks.

AND FURTHER TAKE NOTICE the grounds of this appeal are as follows:

1. That having regard to the matters specified in Section 47(24)(h) of the Local Government Act 1936 - 1988 the decision of the Council is unreasonable and unjust.

2. That the original design of the levee banks took into account in 1976 flood levels which were greater than all recorded flood levels excepting for 1956.

3. That the Council's first reason for its said decision, as notified in its letter 45/1/468 dated 9th May, 1989, namely:

"The levee bank does not allow flood waters to follow the natural drainage pattern into Cooranga Creek"

is unreasonable and unjust because:

- a) the levee banks required to be eliminated cause no significant impidence to the natural drainage pattern of flood waters beyond that caused by Wintons Road and Areas B and C on the property, "Beltana".
- b) as inundation occurs across "Beltana" from west to east, Head Ditch No. 5 does not impede the natural drainage pattern of flood waters.
- c) as the flatness of the general area and the cropping on areas "B" and "C" prevent any fast flow of flood waters no erosion or similar problems arise from any impidence to the natural drainage pattern caused by the levee banks in question.
- d) no natural drainage pattern remains in the area due to earth works carried out on "Beltana" and "Two Mile".

4. That the Council's second reason for its said decision, as notified in its said letter, namely:

"As a consequence of (i) above, flood waters would be diverted onto neighbouring property and also cause damage to public property, namely a Council Road known as Wintons Road"

is unreasonable and unjust because:

- a) the levee banks in question do not and will not divert sufficient flood waters to cause damage to neighbouring property or to Wintons Road and in particular no evidence of such damage was revealed following the flood in April, 1988.
- b) any diversion of flood waters by Head Ditch No. 5 beyond the diversion caused by Wintons Road is insignificant as:
 - i) Wintons Road and Head Ditch No. 5 are virtually the same height;
 - ii) Wintons Road is constructed of compacted gravel and will withstand and remain an impediment to flood waters whereas Head Ditch No. 5 is comprised of soft soil and will disintegrate if overtopped.
- c) as the fall of the land on "Two Mile" is towards Wintons Road, and Head Ditch No. 5, being on the opposite side of Wintons Road to "Two Mile" cannot divert run-off waters from "Two Mile" in such a way as to cause damage to Wintons Road or to neighbouring property.
- d) any diversion of flood waters caused by Head Ditches No. 5 and 7 beyond that caused by areas "B" and "C" on "Beltana" is insignificant.

5. That the Council's third reason for its said decision, notified in its said letter, namely:

"No provision has been made in the levee bank to drain water from existing inverts on Wintons Road, through the levee banks"

is unreasonable and unjust because:

- a) the cost and expense to the Appellant of installing provision to drain water from existing inverts on Wintons Road through Head Ditch No. 5 into Tail Drain 4-1 on "Beltana" is insignificant compared with the cost of and the financial loss to the Appellant in complying with the said conditions.
- b) the Appellant can and is willing to provide this drainage at no cost to the Council.

6. That the levee banks were constructed by the Appellant in good faith in accordance with and in reliance upon designs prepared by the Queensland Water Resources Commission and with the full knowledge and consent of the Council. The Appellant incurred considerable expense in the construction of the levee banks. It is unreasonable and unjust for the Council now to require alteration thereof, given the expense and/or financial loss which such alteration will cause the Appellant.

7. That no objections were received by the Council to the Appellant's application.

8. That compliance with the conditions imposed by the Council requires the installation of a lift pump at point S on "Beltana" to irrigate block 5 in Area C which is impracticable due to the practical impossibility of balancing this pump and the rest of the pumps in the irrigation system.

9. That as Head Ditch No. 4 from its north-eastern corner to point X is not constructed, compliance with the said conditions will require the Appellant to incur the expense of constructing that section of Head Ditch No. 4.

10. That as the Area "C" irrigated by Head Ditches numbers 7 and 5 is leased by the Appellant to a tenant for three years from the 1st July, 1988 with an option of a further three years, compliance with the conditions imposed by the Council may require the Appellant to breach the conditions of this lease and may render the Appellant liable in damages for such breach. Loss of the rental for Area "C" will cause severe financial hardship to the Appellant.

11. That the said conditions require the extension of Head Ditch No. 4 from point X to point Y and from point Y to point R on "Beltana" which will impede the flow of flood waters in the same way as Head Ditches No. 5 and 7 are alleged to do.

DATED this

17th

day of May, 1989.


Solicitors for the Appellant

LEVEE BANK COMMITTEE REPORT OF MEETING HELD ON

11 MAY, 1989 COMMENCING AT 12.05 P.M.

PRESENT

Crs. I.H. Middleton (Chairman), [REDACTED]
[REDACTED]

Officers in Attendance: [REDACTED]
(Administrative Officer) and [REDACTED] (Overseer of Works).
[REDACTED] of the Department of Primary Industries also
attended.

Apologies - Nil.
Business Arising - Nil.

CORRESPONDENCE

[REDACTED] (45/1) - Ltr. 1

Discussion followed on letters received from [REDACTED] and his
Solicitors, Carvosso & Winship, regarding advice of an appeal being
lodged by [REDACTED] against Council's conditions of licensing
approval.

The Overseer advised that [REDACTED] had phoned him on the morning
of the 11th May, 1989 requesting a without prejudice conference
with the Chairman and Overseer.

Recommendation

1. Moved Cr. McCutcheon seconded Cr. Green that [REDACTED] request
be acceded to, with Council inviting [REDACTED] to be present
also.

CARRIED.

Department of Primary Industries - Langlands Drainage Scheme (45/1)
- Ltr. 2

Discussion followed on the subsidies available for the proposed
scheme.

Recommendation

2. Moved Cr. Vellnagel seconded Cr. McCutcheon that Council write to
all landowners within the proposed scheme area inviting them to
attend a meeting at the Langlands Hall on June 7th, 1989 commencing
at 7.30 p.m, to discuss the scheme. Also advising them what is
proposed, and stress that total agreement for the scheme is
required to enable all available subsidies to be obtained by
Council. Also that a copy of the correspondence from the
Department of Primary Industries be sent with each letter to enable

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE

45/1/468

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

9 May, 1989

Carvosso & Winship,
Solicitors,
P.O. Box 527,
DALBY. Q. 4405

Dear Sir,

Re: [REDACTED] - Levee Bank Application
Sub 3 Portion [REDACTED] Parish of Earle

With reference to your letter of 8 May concerning the above, I wish to advise that the reasons for granting the application, subject to the conditions as outlined in my letter to [REDACTED] of 21 April, 1989 are as follows:-

- i) The levee bank does not allow flood waters to follow the natural drainage pattern into Cooranga Creek.
- ii) As a consequence of (i) above, flood waters would be diverted onto neighbouring property and also cause damage to public property, namely a Council Road known as Wintons Road.
- iii) No provision has been made in the levee bank to drain water from existing inverts on Wintons Road, through the levee banks.

Yours faithfully,

[REDACTED]

(Shire Clerk)

Wintens Road.

Direction of water flows.
 Storm/River Storm/Coorangal. Flood/Coorangal.

0	Warra-Kogan Rd.			✓
0.3	floodway	✓		✓
0.8	floodway	✓		
1.1	floodway	✓		
1.6	floodway	✓		✓
1.7	Head ditch commences.			
1.8	floodway	✓		✓
2.2	floodway		✓	✓
2.6	end of maintained head ditch			
2.8	floodway		✓	✓
3.2	floodway		✓	✓
3.3	floodway		✓	✓
3.7	drain		✓	✓
4.2	end of head ditch & property boundary.			
4.5	floodway at Merritt's entrance		✓	
5.1	floodway		✓	✓
6.0	floodway		✓	✓
6.5	floodway			✓
7.2	floodway		✓	
7.7	Coorangal Creek.			

CARVOSSO & WINSHIP

Solicitors



*Stuart Street,
DALBY 4405
Queensland*

TELEPHONE: 622033 (5 lines)

Area Code: 076

FAX No. 076 621093

BOX 527, P.O.
DALBY, Q. 4405

Your Ref:

Our Ref: MCB: DC

8th May, 1989

The Shire Clerk,
Chinchilla Shire Council,
CHINCHILLA. 4413.

Dear Sir,

re: Application by [redacted] for permission to maintain
Levee Banks on subdivision 3, Portion 337, Parish of
Earle.

We act on behalf of [redacted] in this matter.

By your letter of the 21st of April, 1989 (Ref: 45/1/460) you have purported to notify [redacted] of your decision in this matter pursuant to Section 47 (24) (i) of the Local Government Act.

We contend this notification is of no effect by reason of the Council's failure to comply with its statutory duty under Section 47 (24) (i) to provide written reasons for the decision. For this reason we contend the time limited for appeal by Section 47 (24) (i) has not commenced to run.

Our client is travelling to Brisbane on the 9th of May, 1989 for the purpose of conferring with Counsel at 11.00am so that a Notice of Appeal may be prepared. This task can not be properly performed unless the reasons for the Council's decision are known.

We call upon you to fax to this office by no later than 10.00am on the 9th of May, 1989 the reasons for your Council's decision in this matter.

We wish to conduct this matter on an amicable basis and with full co-operation by all parties. However, we can not allow our client to be prejudiced by the Council's breach of its statutory duty.

Accordingly, in fairness to the Council, we advise that any legal costs thrown away by reason of our Counsel being unable properly to confer with [redacted] and/or to settle the Notice of Appeal, because the reasons for the decision are unknown, may be sought against the Council, as damages for breach of statutory duty.

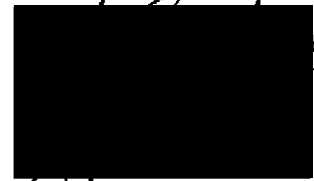
We trust, of course, this action will not be necessary.

- 2 -

The Shire Clerk,
Chinchilla Shire Council,
CHINCHILLA. 4413.

8th May, 1989

Presumably the Council has known its reasons since the 21st of April 1989 so it will not be onerous for it to advise us of those reasons by tomorrow morning.



HIP

1068

Telephone: [REDACTED]

FAX [REDACTED]

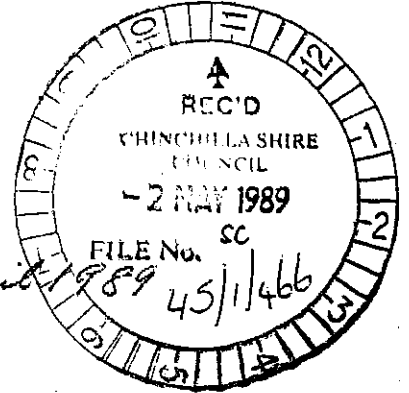
"Rosthorne".

Box 8,

Warra,

Q. 4411

28th April 1989



The Shire Clerk.

Chincilla Shire Council

P.O. Box 42

Chincilla

4413

your reference 45/1/460

Dear Sir,

Re head ditch and supply channel.

I wish to advise that I reject your councils conditions applied to the license for these works and I intend to appeal against your decision

In due course you will hear from my solicitors Messrs Carosso & Winship as I intend to seek damages from your Council and the Water Resources Commission

Yours truly

[REDACTED SIGNATURE]

Levee Bank Office

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE 45/1/460

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

21 April, 1989

[REDACTED]
"Rostherne",
WARRA. Q. 4411

Dear Sir,

Re: Head Ditch/Supply Channel

With reference to your application to license head ditches/supply channels on Sub 3 Portion 337, Parish of Earle, I wish to advise that the application has been approved, subject to the following conditions:-

- i) Implementation of Alternative 2 as advised by the Water Resources Commission in their letter of 15 July, 1988 as follows:-

"Extend head ditch 4 from point X to point Y on head ditch 7. Eliminate head ditch 5 and head ditch 7 to the offtake of head ditch 6. Delete block 5 from area C. Head ditch 4 from the start to point X would need to be enlarged. An access crossing may be required in the new section of head ditch near point Y.

The effect of this alternative would be the loss of approximately 23.5 hectares of irrigable land. The cost of this alternative would be approximately \$4000 for approximately 3000m³ of earthworks to enlarge and extend head ditch 4 and construct a 10m wide access crossing.

Block 5 in area C could be irrigated via a below ground channel between points R and S with a relift pump lifting into a head ditch between points S and T."

- ii) The eliminated head ditches to be backfilled.

Yours faithfully,

[REDACTED]
(Shire Clerk)



QUEENSLAND WATER RESOURCES COMMISSION

P.O. BOX 3180, TOWN HALL, TOOWOOMBA. Q. 4350

15th July, 1988

Your Ref:

Our Ref. SWR 42 [REDACTED]

TELEPHONE 32 1944 TELEX: AJ

[REDACTED]
P.O. Box 8,
WARRA. Q. 4411

Dear Sir,

REVIEW OF "BELTANA" IRRIGATION DEVELOPMENT

I have now had the opportunity to review the layout of your irrigation area on "Beltana". As I have discussed with you the Commission's original design, as shown on the attached master plan (DD1022A1), [does not take into account the need for floodwaters to follow their natural flowpath across the irrigation area and into Cooranga Creek]

Our estimates indicate that during major flooding in the Condamine River flows of 150 - 200 m³/sec or more flow across Winten's Road and across "Beltana". To avoid disrupting the natural pattern of overland flooding in the area we recommend that you amend the layout of your irrigation area to accommodate these flood flows.

There are a number of alternative layouts which would eliminate any potential disruption to flooding. Three alternative layouts are briefly outlined below.

Alternative 1

Eliminate Head Ditch Nos. 5, 6, 7 and 8 and delete Area C from the irrigation area.

← #14093 P/A

The effect of this alternative would be the loss of some 45.1 hectares of irrigable land. There would, however, be no additional costs involved in this alternative.

Alternative 2

Extend Head Ditch 4 from point X to point Y on Head Ditch 7. Eliminate Head Ditch 5 and Head Ditch 7 to the offtake of Head Ditch 6. Delete Block 5 from Area C. Head Ditch 4 from the start to point X would need to be enlarged. An access crossing may be required in the new section of head ditch near point Y.

← #7343 P/A

The effect of this alternative would be the loss of approximately 23.5 hectares of irrigable land. The cost of this alternative would be approximately \$4 000 for approximately 3 000 m³ of earthworks to enlarge and extend Head Ditch 4 and construct a 10 m wide access crossing.

.../2



Block 5 in Area C could be irrigated via a below ground channel between points R and S with a relift pump lifting into a head ditch between points S and T.

Alternative 3

Replace Head Ditch 5 between points Q and S and Head Ditch 7 between points S and R with a "below ground channel". Use a relift pump to pump into raised head ditches to irrigate Blocks 5, 6, 7 and 8.

This alternative would involve one portable relift pump and the construction of some 1 800 m of below ground channel. The construction of the channel would involve approximately 5 000 m³ of earthworks. No estimate of cost has been made for this alternative as it is understood that you already have a relift pump on the property and the "below ground channel" would not result in significant earthworks in addition to what would be required if the existing head ditches were rebuilt.

A further alternative was considered involving the installation of inverted siphons in the existing Head Ditch 5. It was estimated that several inverted siphons of at least 450 mm diameter would be required in Head Ditch 5. The total length of the siphons would need to be 400 m or more. Additional amendments would be required to remove the obstruction caused by Head Ditch 7. As the siphons in Head Ditch 5 were estimated to cost in excess of \$35 000 this alternative was not considered further.

You will note that in the alternatives presented we have not recommended any amendments to Head Ditch 1. It is quite possible that because you own both sides of the road in that area and because any water diverted would only affect your own property, no alterations in this area would be necessary.

I would be pleased if you would consider the information presented above. If you wish to have a detailed design prepared on the basis of any one of the above alternatives we will undertake that design and amend your final plans at no cost to you. Before preparing a design for amended works we would contact the Chinchilla Shire Council to determine whether or not the proposed design amendments were acceptable to them.

Yours faithfully,

[REDACTED]

DISTRICT ENGINEER

LEVEE BANKS COMMITTEE REPORT OF MEETING HELD ON

13 APRIL, 1989 COMMENCING AT 1.45 P.M.

ATTENDANCE

Crs. I.H. Middleton (Chairman), [REDACTED]

Officers in Attendance: [REDACTED] (Shire Clerk), [REDACTED]
(Overseer of Works) and [REDACTED] (Department of Primary
Industries).

CORRESPONDENCE

1. From [REDACTED] (45/1) - Ltr. 1

Replying to Council's correspondence regarding an unlicensed bank/drain on the south east corner of "Maybrook". [REDACTED] advises that the works carried out were of a minor nature to stop serious erosion to the road as designated through the property. The works were financed privately at no expense to Council to save a Council road.

It is not a contour bank that benefits his country and [REDACTED] would be happy to meet with Divisional Councillors to discuss the matter further or alternatively flatten the banks, however, this would result in continued erosion of Council property.

Recommendation

Moved Cr. Vellnagel seconded Cr. Green that Council [REDACTED] and advise him that the banks in question should be removed immediately. However, if Mr. [REDACTED] retain the banks then he should request the Department of Primary Industries to design a scheme for the area or alternatively license the banks under Section 47 of the Local Government Act 1973. Mr.

2. LICENSE APPLICATION - J. BRYANT - SUB 3 PORTION 337
(45/1)

Recommendation

Moved Cr. Vellnagel seconded Mr. McLatchey that the license by [REDACTED] for head ditches and supply Portion [REDACTED] Parish of Earle, be approved on the following conditions.

- i) [REDACTED] implement Alternative 2 as advised by the Resources Commission in their letter of 15/4/89. follows:-

"Extend head ditch 4 from point X to point Y on head ditch 7. Eliminate head ditch 5 and head ditch 7 to the offtake of head ditch 6. Delete Block 5 from area C. Head ditch 4 from the start to point X would need to be enlarged. An access crossing may be required in the new section of head ditch near point Y.

The effect of this alternative would be the loss of approximately 23.5 hectares of irrigable land. The cost of this alternative would be approximately \$4000 for approximately 3000m³ of earthworks to enlarge and extend head ditch 4 and construct a 10m wide access crossing.

Block 5 in area C would be irrigated via a below ground channel between points R and S with a relift pump lifting into a head ditch between points S and T."

ii) The eliminated head ditches to be back filled.

3. LAND LEVELLING - [REDACTED] (45/1)

Recommendation

Moved Cr. Green seconded Cr. Vellnagel that Council seek a legal opinion as to the extent of the definition of levee banks and whether or not it would cover the aftermath of land levelling where such levelling results in adjoining land not being "level".

CARRIED.

4. LICENSE APPLICATION - [REDACTED] PORTION [REDACTED] PARISH EARLE
(45/1)

Recommendation

Moved Cr. Green seconded Cr. Vellnagel that the application for license by [REDACTED] for a levee bank and drain on Portion [REDACTED] Parish of Earle, be approved.

CARRIED.

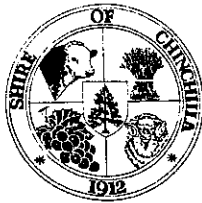
5. B. HAYWARD - LAND LEVELLING, PORTION 337, PARISH EARLE

Recommendation

Moved Cr. Vellnagel seconded Cr. Green that Council write to Mr. [REDACTED] and seek his intent as to the current land levelling on Portion [REDACTED] Parish Earle, and advise that should flood irrigation involving head ditches and tail drains be envisaged they will be required to be licensed under Section 47 of the Local Government Act and application should be made prior to construction of any ditches and drains.

CARRIED.

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

45/1/454

OUR REFERENCE

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

30 March, 1989

Mr. [REDACTED]
"Rostherne",
WARRA. Q. 4411

Dear Sir,

Re: Head Ditches/Channels

With reference to your letter of 24 March concerning the above, I wish to advise that Council will be considering the application at a Committee Meeting on 13 April.

No objections were received to the works following closure of the objection period.

I will further contact you in this regard following a decision by Council.

Yours faithfully,

[REDACTED]
(Shire Clerk)

Telephone:

[REDACTED]

"Prosthorne".

Box 8.
Warra.

Q. 4411

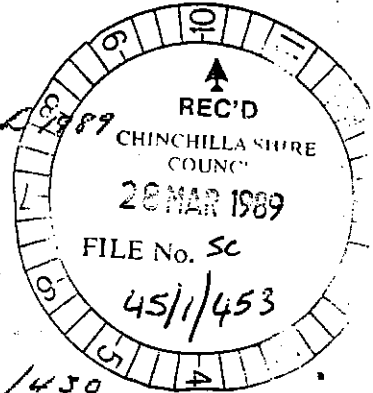
24th March 1989

857

The Shire Clerk.

Chinchilla Shire Council

P.O. Box 42
Chinchilla. FAX [REDACTED]
4413



Dear Sir,

Your reference 45/1/430

With reference to my application in January
this year for a permit for my existing irrigation
head ditches - supply channels.

I would like you to advise me when your Council
is likely to make a decision on this matter, and
if you have received any objections to these works
when you advertised them in the local press.

Yours truly

[REDACTED]

CHINCHILLA SHIRE COUNCIL

Notice is hereby given that the undermentioned application for a Licence under the provision of subsection (24) of section 47 of the Local Government Act 1936-1988 has been made to the Chinchilla Shire Council.

Applicant: [REDACTED] "Rostherne", Kogan Road, Warra.
The owner of: Sub 3 Portion [REDACTED] Parish of Earle, County of Lytton.
Proposed work: Irrigation head ditch/supply channel.

A person being the owner or occupier of land likely to be affected by the Licensing of the work may, in writing signed by him, and addressed to the Shire Clerk, Chinchilla Shire Council, object to such Licence being granted and submit in writing to the Shire Clerk the grounds of such objection.

The application and plan are open to inspection at the Council's Office.

The 27th February, 1989 has been appointed as the last day for the receipt of objections.

[REDACTED]
(Shire Clerk)

Civic Centre,
80-86 Heeney St.,
Chinchilla. 4413

Chinchilla News - 26 January, 1989

Telephone:

"Rosthorne",
Box 8,
Warra.

318

Q. 4411

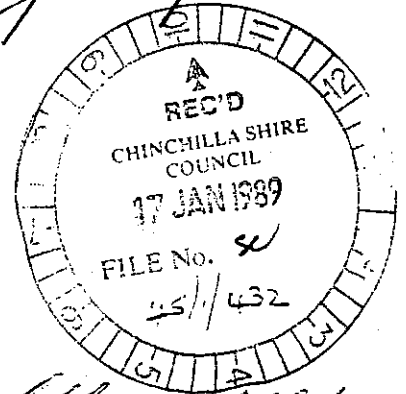
16th January 1989

The Shire Clerk,

Chinchilla Shire Council,

P.O. Box 42

Chinchilla 4413



Dear Sir,

With reference to your letter of 6th January I am returning the completed application for a permit for my existing irrigation head ditches - supply channels. You will notice that I have amended and initialed the application to make it clear that the works have already been constructed for some time.

I have also enclosed my cheque for \$84 and a cross section drawing of the main ditch along Wintens Road.

I have previously supplied your Council with a master plan of the area, and this is much more accurate and informative than a plan that I could produce on the permit application form.

Yours truly



Re 6718 17.1.89.

CHINCHILLA SHIRE COUNCIL

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED], of ROSTHERNE, Kogin Rd. WARRIA, in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is ~~being~~ constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

(1) Name of Applicant: [REDACTED]

(2) Postal Address: [REDACTED] WARRIA 4411

(3) Location of work (see also 10) County: LYTTON Parish: EARLE
Real Property Description: [REDACTED]
Area: 272 hectares

(4) Nature of Works: Irrigation head ditch / supply channel

(5) Purpose of Work: To convey water to irrigation areas

(6) Particulars of Work (if levee bank) -

- (a) Total length of levee bank _____ metres.
- (b) Maximum height _____ metres.
- (c) Width of top _____ metres.
- (d) Width of base _____ metres.
- (e) Materials of which bank will be constructed: _____

(f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? _____

(g) Height of top of bank above highest known flood level: Below flood level.

(7) Particulars of work (if drain or other excavation) -

- (a) Total length 7300 metres. (Total for plan) DD10271
- (b) Maximum depth 1.5 metres.
- (c) Width of top _____ metres. as per detail drawing DD1039R2
- (d) Width at base _____ metres. " " " "
- (e) State nature of soil at site: Black clay soil " "

These works were designed by Old Water Resources Commission

(8) Provision for preventing injury to other land arising from proposed work: *The works have been constructed for some years and have been subjected to severe flooding and have not caused any injury to other land. Please refer to independent engineers correspondence on this matter.*

(9) Period for which permit is required: 10 years

(10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any) direction of flow of all water, location of work, property boundaries and typical cross sections of work.

(11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the sum of \$84.00 being the required application fee.

Date:

Signature of Applicant:



(10) Master plan DD1022 A1 supplied to Council previously

(11) Detailed drawing DD1039 K2 enclosed herewith

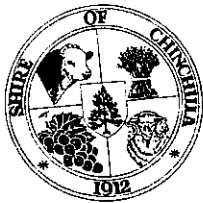
Information for applicants under subsection (24) of section 47 of the
Local Government Act 1936 - 1988.

- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936 - 1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received or any objections are received and dismissed there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

Date:

Signature of Applicant:

WITCHILLA SHIRE COUNCIL
PO BOX 42
WITCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE 45/1/430

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

6 January, 1989.

[REDACTED]
"Rostherne",
P.O. Box 8,
Warra. 4411

Dear Sir,

Re: Irrigation Head Ditches/Banks

With reference to previous correspondence on the above matter and in particular your letter of 6 December, 1988, I enclose herewith an application for a Permit in accordance with Council By-law No. 42 (copy attached) and Section 47(24) of the Local Government Act.

You are requested to complete the application form and return it to this office, together with payment of the application fee of \$84.00

The application will then be advertised and following a period for objections, it will then be considered by Council.

Yours faithfully,

[REDACTED]
(Shire Clerk).

Telephone:

"Roosthorne".

Box 8.

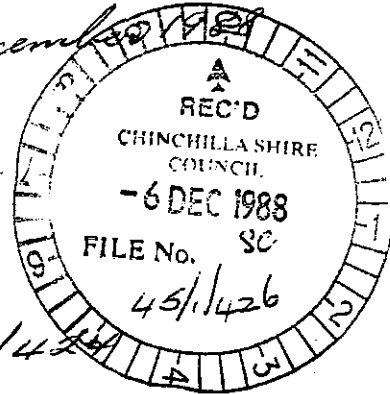
Warra.

Q. 4411

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The Shire Clerk,
Chinchilla Shire Council
P.O. Box 42
Chinchilla
4413

3rd December 1988



Your reference 45/1/426

Dear Sir,

I have enclosed herewith a copy of the Master Plan of the irrigation area on my property "Beltana". These are the head ditches which are in a dispute. The head ditches on the other side of Wintens road you have licensed until the 2/1998 please refer to your council's permit No. 7

You will notice that I have drawn in "blue" the alterations which have been made to this original design; please refer to your letter ref, 45/1/264 and my letter of 9/5/1984

With regard to an application for licensing of these works; I have to advise you that I have not changed my position; as detailed in the last para of my letter to the District Engineer Q.W.R.C on the 22/8/88 of which you have a photo copy.

However, if for technical reasons you must have a "formal" application you may regard this letter as a plan, as such an application.

I would also like to remind your council that this is the second such plan I have sent them and this is the only copy I have left.

I would like now to refer you to my letter of 6/8/88 and your reply ref, No 119/1/351 about the prop

box culvert drain under Wintens road; I have spoken
on the telephone to your overseer Mr. Holy Coington and
he suggested that the culvert should be 9.7m wide
instead of the proposed 8m. I have told him that I would
agree to this.

May I now have your Council's written permission
to proceed with this as it is now almost four months
since I approached Council about this matter, and we will
be starting work levelling this area for irrigation next week.

Yours truly



C

C

HINCHILLA SHIRE COUNCIL
BOX 42
HINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE 45/1/424

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

25 November, 1988

[REDACTED]
"Rostherne",
P.O. Box 8,
WARRA. Q. 4411

Dear Sir,

Re: Irrigation Head Ditches/Banks

With reference to previous correspondence on the above matter, I am directed by Council to request that you submit plans of your irrigation head ditches/banks and make application for licensing of the head ditches/banks.

Your co-operation in the early attendance to this matter would be appreciated.

Yours faithfully,

[REDACTED]

(Shire Clerk)



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DEPARTMENT OF

LOCAL GOVERNMENT

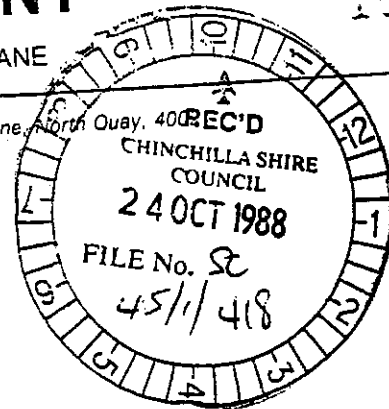
TREASURY BUILDING, QUEEN STREET, BRISBANE

Address correspondence to The Director, P.O. Box 31, Brisbane, North Quay, 4000
Telegraphic Address: "DEELGOV"—BRISBANE

Your Ref. 45/1/417
Our Ref. 6/21/34/1
CG: SA

ENQUIRIES. Please contact

Telephone



20th October, 1988

Dear Sir,

With reference to previous correspondence, I am directed to inform you that His Excellency the Governor, acting by and with the advice of the Executive Council and in pursuance of the provisions of the Local Government Act 1936-1987, has today approved of an Order in Council applying the provisions of section 47(24) of the said Act to the whole of the Shire of Chinchilla for a period of five years on and from the twenty-second day of October, 1988.

A copy of the Order in Council, which will be published in the Government Gazette on the 22nd October, 1988, is enclosed for your information.

Yours faithfully,



Director of Local Government.

eg

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA. QLD. 4413



ORDER IN COUNCIL


At the Executive Building, Brisbane, the twentieth day of October,
1988

Present:

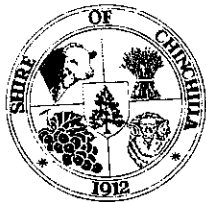
His Excellency the Governor in Council

HIS Excellency the Governor, acting by and with the advice of the Executive Council and in pursuance of the provisions of section 47(2A) of the *Local Government Act 1936-1987*, hereby applies the said section to the whole of the Area of the Shire of Chinchilla for a period of five years on and from the twenty-second day of October, 1988.

And the Honourable the Minister for Local Government and Racing is to give the necessary directions herein accordingly.

 Clerk of the Council

CHINCHILLA SHIRE COUNCIL
BOX 42
CHINCHILLA 4413
TELEPHONE [REDACTED]



IN REPLY PLEASE QUOTE

OUR REFERENCE 45/1/417

YOUR REFERENCE 6/21/34/1 MGM:

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

6 October, 1988

The Director,
Department of Local Government,
P.O. Box 31,
BRISBANE, NORTH QUAY. Q. 4002

Dear Sir,

I refer to previous correspondence regarding the application of licensing powers under Section 47(24) of the Local Government Act.

I attach hereto a copy of a Council resolution which was passed at Council's general meeting of the 22nd September, 1988.

Council considers that the cost of a scheme of agricultural drainage would probably be beyond the economic ability of the owners of the land which would be served thereby.

I therefore submit this recommendation to you for approval of the Governor in Council, that the whole of the Shire of Chinchilla be granted application of the provisions of Section 47(24) of the Local Government Act 1935-1987.

Yours faithfully,

[REDACTED]
(Shire Clerk)

Enc.



DEPARTMENT OF

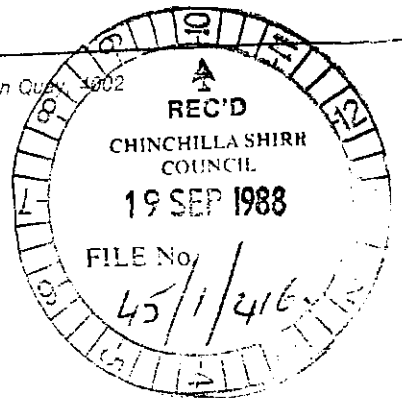
LOCAL GOVERNMENT

TREASURY BUILDING, QUEEN STREET, BRISBANE

Your Ref. 45/1/408
Our Ref. 6/21/34/1
MGM:

ENQUIRIES. Please contact

Telephone [redacted] Press correspondence to The Director, P.O. Box 31, Brisbane, North Quay, 4002
Telegraphic Address: "DEELGOV"—BRISBANE



15th September, 1988

Dear Sir,

With reference to my letter of the 2nd August 1988 concerning the Council's position in respect of certain head ditches/banks constructed as part of an irrigation scheme designed by the Queensland Water Resources Commission, I wish to inform you that the views of the Commission are now to hand.

Regarding the status of the head ditches/banks referred to, the Commission has advised that The Farm Water Supplies Assistance Act enables the Commissioner to act in a consultative role in the design of works on farm lands. The role of consultant can extend to supervision of construction if required by the client.

I am advised that construction of such works as part of a private irrigation scheme based on a surface water supply, would not require a waterworks licence under the provisions of the Water Act, unless the works were directly associated with a water course. Examples of works requiring such a licence are diversion channels, pumping installations and levee banks affecting flow into or out of a watercourse.

In this light it would seem that the provisions of Section 47 (24) of the Local Government Act could be applied to the particular head ditches/banks provided the relevant land is not subject to a Project Plan within the context of the Soil Conservation Act. Enquiries are being made of the Department of Primary Industries in this regard.

To enable consideration to be given to the application of the provisions of Section 47(24) to the whole of the Shire of Chinchilla, it will be necessary for the Council to satisfy the Governor in Council that the cost of a scheme of agricultural drainage would probably be beyond the economic ability of the owners of the lands which would be served thereby.

.../2

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA. QLD. 4413

*copy all committees
20.21.9.88*



In terms of Section 47(24) (c) of the Act the Council will need to satisfy the Governor in Council that -

- (a) Levee banks would be likely to affect natural drainage to such extent as to cause damage to land or to any public work, service, or undertaking;
- (b) In general, having regard to land topography and in the absence of a scheme of agricultural drainage, the natural flow of water should not be in any way affected by levee banks; and
- (c) Save as required, permitted or authorised under or pursuant to some other Act or permitted in writing by the Local Authority, levee banks should be prohibited.

It is considered that a resolution of the Council would be sufficient to satisfy the requirements of paragraphs (c) and (d) of Section 47(24) of the Act that the Council had formed an opinion in this regard.

In relation to the Council's proposal that the provisions of Section 47(24) be granted in perpetuity, as mentioned in your letter of 19th August, 1988, paragraph (d) also provides that such provisions may be applied for a fixed period of time which may be further extended from time to time by the Governor in Council.

The Department's policy in this regard is generally to apply these provisions for a five (5) year term only. However, the Department would be prepared to consider a ten (10) year term provided the Council can show that special circumstances exist which would warrant a greater term in this instance.

If considered necessary the Council should seek further extensions of the fixed term at the appropriate time. Any such application should be so made as to enable the relevant Order in Council to be issued prior to the expiry of the current term as stated in the Order in Council in force at the material time.

Yours faithfully,


Director of Local Government.

DC:PW

45/1/411

19 August, 1988

[REDACTED]
"Waylagoon",

[REDACTED]
NARRA. 3. 1011

Dear Sir,

I refer to previous correspondence relative to the head ditches/banks on J. Bryant's property "Belltana" and advise that after investigation of the matter it has been recommended to [REDACTED] that he consider replacing a section of such head ditches/banks with a below ground channel, as recommended by the Queensland Water Resources Commission, so that the passage of floodwater is not impeded, rather than reconstruct the head ditches/banks to the original design.

In addition, [REDACTED] has been advised that Council has power to require the retrospective licensing of the works under Section 47(24) of the Local Government Act if Council is of the opinion that the works effect the natural drainage so as to cause or be likely to cause damage to any land or any public work.

The situation will be monitored and appropriate action taken if necessary.

Yours faithfully,

[REDACTED]
(Shire Clerk)

DC:PW

45/1/410

19 August, 1988

[REDACTED]
"Rostherne",
[REDACTED]

WARRA. O. 4411

Dear [REDACTED]

I refer to the irrigation head ditches/banks on your property "Belltana" which were breached during the last flooding in the Condamine River and advise that whilst Council would not prevent you from reconstructing these in accordance with the original design of the Queensland Water Resources Commission, it recommends that you give consideration to replacing a section of same with a below ground channel as recommended by the Queensland Water Resources Commission, so that flood waters are not impeded.

As you know, Council has received a complaint about possible damage to adjoining land if the head ditches/banks on "Belltana" were not breached in the last flood, and in the course of investigating the complaint, discussed the matter with officers of the Commission, it seems that the use of subsurface channels as recommended by the Commission would eliminate any potential disruption to flooding and damage to adjoining land.


As you know, the works are presently not licensed by the Council under Section 47(24) of the Local Government Act, however it has power to require you to license same retrospectively if it is of the opinion that they affect the natural drainage so as

.../2

to cause or be likely to cause damage to any land or any public work.

Your consideration of the above and advice in due course will be appreciated.

Yours faithfully,

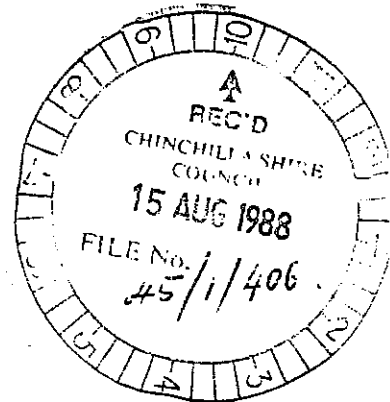

(Shire Clerk)



Minister for Water Resources and Maritime Services

The Hon. Don Neal M.L.A.
Member for Baionne

26th Floor, Mineral House,
41 George St.
Brisbane, Q. 4000



The Hon. B.G. Littleproud, M.L.A.,
Minister for Education, Youth and Sport
and Member for Condamine,
BRISBANE

Dear Mr. Littleproud,

I refer to your letter of 10th June, 1988 and the enclosed letter to the Water Resources Commission from [REDACTED] and also to your letter of 28th June, 1988 with the accompanying letter which you received from [REDACTED]

The Commissioner of Water Resources has advised me that officers from his Toowoomba District Office inspected the head ditch, at [REDACTED] request, in mid-May. Following that inspection the Commission has undertaken an investigation to determine ways in which [REDACTED] may protect his irrigation area from inundation without interfering unduly with the natural pattern of flooding. The Commission's only involvement in this matter has been as a consultant to [REDACTED]

I am advised that although the original design for these works was prepared by the Commission [REDACTED] was subsequently advised against proceeding with this type of construction following evidence obtained during flooding in May 1983. This advice was repeated in 1986. However, [REDACTED] constructed the head ditch to the original design and, as you are aware, it was severely damaged during the recent flooding.

The Chinchilla Shire Council is the authority which has control over the construction of works such as levee banks on the floodplain. Under the provisions of the Local Government Act, Council is empowered to issue permits for works which influence overland flow on the floodplain. In that regard, the Commission has no jurisdiction with respect to [REDACTED] levee bank.

I also understand that [REDACTED] is currently considering a redesign of the works. The Commission will provide any advice on this redesign requested by [REDACTED]

With regard to [REDACTED] other concern, the Commissioner has advised that weir licences are usually endorsed with a condition requiring the licensee to allow water to pass downstream of the weir. The rate of outflow should be equal to the unrestricted capacity of the outlet pipe, or siphon pipe, or at a rate equal to the inflow into the weir storage, whichever is the lesser, whenever there is no flow over the weir. Any weir licence issued on Cooranga Creek will be issued with this condition.

I trust that the above information satisfactorily answers the concerns raised by [REDACTED] and the additional matters raised in Mr Bryant's subsequent letter.

Yours sincerely,

[REDACTED]

DON NEAL
Minister for Water Resources
and Maritime Services

DEPARTMENT OF

LOCAL GOVERNMENT

TREASURY BUILDING, QUEEN STREET, BRISBANE

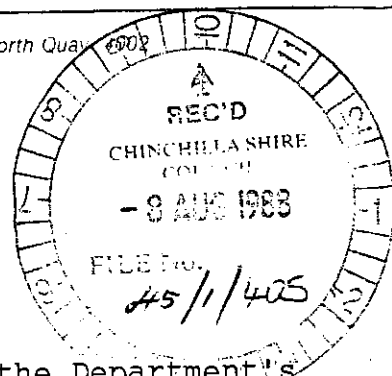


Your Ref. 45/1/402
Our Ref. 6/21/34/1
ESP:SGC

ENQUIRIES

Telephone

Address correspondence to The Director, P.O. Box 31, Brisbane, North Queensland
Telegraphic Address: "DEELGOV"—BRISBANE



2nd August, 1988

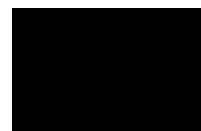
Dear Sir,

I refer to your letter of 22 July, 1988 seeking the Department's advice as to the Council's position in respect of certain head ditches/banks constructed as part of an irrigation scheme designed by the Queensland Water Resources Commission.

It is advised that an Order in Council was published in the Government Gazette of 13th June, 1981 applying the provisions of Section 47(24) of the Local Government Act to the whole of the Shire of Chinchilla for a period of five years from that date. The Order in Council further provided that such provisions shall cease to have force and effect within the boundaries of a Project Plan made pursuant to the Soil Conservation Act on and from the date of effect of the approval of any such Project Plan.

The five year period referred to above has expired and it appears that no action has been taken to continue in force the provisions of Section 47 (24) of the Act. However, it may be that a Project Plan, within the meaning of that term in the Soil Conservation Act, has since been approved for the particular area to which your correspondence refers. Should this be the case it would seem that the provisions of the Soil Conservation Act would take precedence and, accordingly, the provisions of Section 47(24), if they were to be again applied to the Shire, would not have any force or effect in relation to the head ditches/banks to which you refer.

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA Q. 4413



In the circumstances it is suggested that, in the first instance, the Council might care to contact the Department of Primary Industries, as the Department responsible for the administration of the Soil Conservation Act, with a view to ascertaining whether that Act has relevance in the particular matter of concern to the Council. Should this not be the case the Department would be prepared to entertain a submission from the Council for the application again of the provisions of Section 47 (24) of the Local Government Act to the Shire of Chinchilla. In this event it is considered that the Council would be empowered to invoke the provisions of paragraph (n) of the subsection in the manner outlined in your letter.

In the meantime the Department is contacting the Queensland Water Resources Commission to ascertain the status of the works said to have been designed by the Commission. You will be further contacted when the Commission's views in this regard are to hand.

Yours faithfully,


Director of Local Government

DC:PW

4/45/1/402

22 July, 1988

The Director,
Department of Local Government,
P.O. Box 81,
BRISBANE, NORTH QUAY. Q. 4002

Dear Sir,

Council has received representations from a landowner that head ditches/banks on a neighbouring property could be the cause of damage to his property in the event of flooding in the Condamine River. In the recent floods the head ditches/banks were breached by floodwaters and fortunately no damage occurred to the first landowners property.

The head ditches/banks were constructed on the neighbours property as part of an irrigation system before Council had licensing powers under Section 47 (24) of the Local Government Act. The scheme was designed by the Queensland Water Resources Commission and constructed according to the design. The Commission has indicated by letter that it has no legislative requirements in respect of the head ditches/banks.


If Council is of the opinion that these head ditches/banks are likely to affect natural drainage to such an extent as to cause damage to the first landowners property or a Council road, would Section 47 (24)(n) of the Local Government Act give Council the power to require the owner of the land on which the irrigation scheme is constructed to apply for a license and in considering such application to impose such conditions as will eliminate the

..../2

possibility of damage to the first landowners property and Council's road.

Your consideration of the above and advice at an early date will be appreciated.

Yours faithfully,


(Shire Clerk)

Telephone:



"Rosthorne".

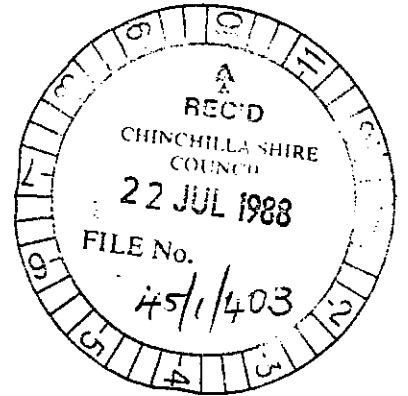
Box 8.

Warra.

D. 4411

22nd July 1988

The Shire Clerk
Chinchilla Shire Council
Civic Centre
80-86 Henry St
Chinchilla
4413



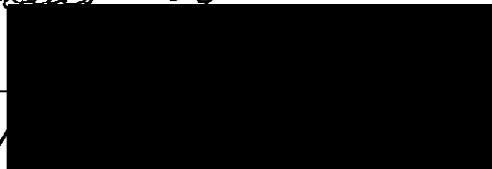
Dear Sir,

Enclosed herewith is a copy of a letter from the Old Water Resources Commission to me covering some alternative designs for my irrigation area and also a plan relating to the designs.

I have also included a copy of my reply to the Commission for your information. Would you please copy the plan and return the original to me.

I remain

Yours truly



Telephone:

"Posthorne",

Box 8.

Warra.

Q. 4411

5th July 1988

District Engineer

Old Water Resources Commission

P.O. Box

Towamba

Dear Sir,

Your reference SWR 42

In fact to paragraph three of your letter of 20/6/88 in which you state that evidence obtained from the 1983 flooding in this area indicated that the design of the supply channel to part of the irrigation area on "Beltona" should be altered. I refute the proposition that the 1983 flood provided any new information about flood heights in this area. In fact the height of the 1976 flood was very clearly and permanently marked by me on fence posts in the area to be irrigated, and this was known to the survey party.

Your suggestion that part of the supply channel be a "below ground" channel, was not in 1983, and is not now acceptable to me for the following reasons.

1. When I accepted your plans for the irrigation area in 1979 this was not included in the design and therefore the capital cost and operational cost of lift pumps was not considered in the evaluation of the scheme.

2. The operational difficulties of matching the flow from the ring tank outlet to two or more transfer or lift pumps in the channel system, are too great to be considered.

3/ I have already accepted one alteration to the original design i.e., the underground concrete main from the ring tank to Beltana, at considerable cost and inconvenience to myself; and I will not be pressured into any more alterations.

My neighbour who is objecting to these head ditches, Mr. J. Homewood, states that he is concerned about what would happen to his land in a flood of a lower level than the April flood this year, i.e. (floods which did not breach the head ditches)

May I point out to you that we have inspected Mr. Homewood's property adjacent to Beltana and it does not appear to have been at all affected by this recent flood.

If it was not affected by this flood which, after covering his land and mine; took approximately 18-20 hours to rise to a level which topped the head ditches, (and thus bypassed them) how would it be affected by a lower flood which may not be of any longer duration.

I intend to have an independent civil engineer examine Beltana and Mr. Homewood's property so that I will be able to call a expert witness to verify this if I should find it necessary to instigate legal proceedings to resolve this matter.

Yours truly





QUEENSLAND WATER RESOURCES COMMISSION
P.O. BOX 3180, TOWN HALL, TOOWOOMBA. Q. 4350

30th June, 1988

Your Ref

Our Ref SWR 42

TELEPHONE

TELEK: AJ

[REDACTED]
"Resthorne",
[REDACTED]

WARRA. Q. 4411

Dear Sir,

I acknowledge receipt of your letter of 16th June, 1988, and the attached correspondence.

Following my visit to your property on 12th May, 1988, and the subsequent investigation and survey by [REDACTED] from this Commission, we are now reviewing ways in which you may be able to amend your existing irrigation layout, with particular respect to the supply channel on "Beltana" adjacent to the road, so as to provide protection for your irrigation area from flooding without causing undue interference to the natural pattern of flooding.

You will recall that following the flooding in your area in 1983, [REDACTED] advised you that evidence obtained during that flood indicated, that the construction of a channel on "Beltana" along the road would cause floodwaters to be diverted. He advised you that the design should be altered and that at least part of the supply channel should be constructed as a "below ground" channel to allow floodwaters to pass over it. You did not agree with Mr Robson's assessment of the situation and you chose to construct the supply channel as originally designed.

Experience during the recent flooding has confirmed that the supply channel is constructed directly across quite a significant flood channel. As I said when I visited your property recently I consider that there is a need for your works on "Beltana" to accommodate the floodwaters which naturally flow across the road into "Beltana".

You have suggested a solution that a levee bank along the line of your existing head ditch could be extended into your neighbour's property to direct floodwaters along the road and into a waterway leading to Cooranga Creek. I do not see that this would be a technically suitable solution even if all the other landowners were in agreement with such a proposal.

.../2



As soon as we complete the review of the available data we will forward to you our proposal for alterations to your existing layout. If that proposal meets with your approval I would recommend that we then forward it to the Chinchilla Shire Council for their comment. You are aware that the Chinchilla Shire Council have the legislative control of levee banks on the flood plain under Section 47(24) of the Local Government Act.

In the meantime, if you have any concerns or queries with regard to this matter would you please contact me.

Yours faithfully,

A solid black rectangular box redacting the signature of the District Engineer.

DISTRICT ENGINEER.



QUEENSLAND WATER RESOURCES COMMISSION

P.O. BOX 3180 TOWN HALL, TOOWOOMBA. Q. 4350

22nd June, 1988

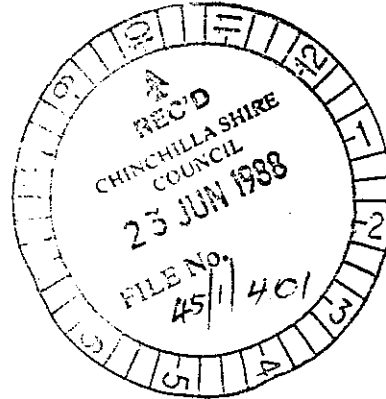
Your Ref:

Our Ref: WL 96A

TELEPHONE

TELEX: RM

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA. Qld 4413



Dear Sir,

I refer to your letter of 21st June, 1988 (your reference 45/1/399) concerning [redacted] letter referring to the head ditches/levee banks on [redacted] property "Belltana".

I would advise that this Commission has no legislative requirements in respect of the banks in question. It is my understanding that approval may be required from your Council prior to construction or reconstruction of any such banks, under Section 47 (24) of the Local Government Act.

This Commission has been involved in the design of [redacted] irrigation project. At [redacted] request we are currently examining whether or not it would be possible to alter the layout of the irrigation area, so that substantial levee banks could be constructed to protect the irrigation area without causing undue interference of the flood flows. We have made [redacted] aware that any such amendments may require the approval of your Council.

In addition, I propose to meet with [redacted] on Tuesday, 28th June, 1988 to discuss his concerns in greater detail.

Yours faithfully,

[redacted signature]

DISTRICT ENGINEER.

Copy 1, As. V + MC



DC:GL

45/1/398

21 June, 1988

The Officer in Charge,
Soil Conservation Services Branch,
Department of Primary Industries,
P.O. Box 587,
DALBY. 4405

Dear Sir,

I wish to advise that the Soil Conservation works carried out on Lot 13 R.P. 206348 Parish of Earle (Chinchilla Shire) and Portion 7V Parish of Thorn (Wambo Shire) by [REDACTED] were recently inspected by Chinchilla Shire Council representatives and the Chinchilla Soil Conservation Services Officers, [REDACTED]

It appears that these works have not been constructed according to plan as the runoff is discharging directly into the table drain of the road on the western side of the property rather than being contained within a waterway and directed to Cooranga Creek as per per the plan.

It is requested that the works be inspected by your staff to determine whether or not they have been constructed according to plan.

If they havenot, would you please advise what action can be taken to rectify the matter as Council is not satisfied with the existing situation.

Your attention to the above at an early date will be appreciated.

[REDACTED]
Yours faithfully,

[REDACTED]
(Shire Clerk).

DC:PW

45/1/399

21 June, 1988

The District Engineer,
Queensland Water Resources Commission,
P.O. Box 1180, Town Hall,
TROONBA, Q. 4370

Dear Sir,

I enclose herewith a copy of correspondence from [REDACTED] expressing concern that head ditches/banks constructed on his neighbours land (Resub 3 of Portion 337, Parish of Earle) could cause damage to his land in flood situations.

[REDACTED] letter indicates that the head ditches/banks were breached by floodwaters in the April floods and your advice is requested as to whether the Commission has any requirements in respect of these banks before they are reconstructed.

Your early reply to the above would be appreciated.

Yours faithfully,

[REDACTED]
(Squire Clerk)

Enc.

DC:PW

45/1/400

21 June, 1988

[REDACTED]
"Maylingup",
N.S. 238,
SARRA, Q. 1411

Dear Sir,

I acknowledge your letter dated 13 June, 1988 concerning the effect of head dishes/sinks constructed on a neighbouring property.

I advise that the matter is presently being investigated and a reply will be forwarded to you when Council has made a decision.

Yours faithfully,

[REDACTED]
[REDACTED]
(Shire Clerk)

[REDACTED]
"Maylingup"

WARRA Q 4411.

13 June 1988.

The Chairman
Chinchilla Shire Council
CHINCHILLA Q 4411

45/1/397

Dear Sir

I wish to bring to your attention the following matter.

HEAD DITCHES OR BANKS -

erected by [REDACTED] on his property "Belltana" adjoining road.

I understand that permission to construct these earthworks was granted by your Council some time ago.

I do feel that had the full affect of these earthworks been appreciated at the time permission was granted, another alternative would have been arrived at.

After the Easter floods, these ditches cum Banks, were extensively breached by the flood waters, had this not been the case we are of the opinion that this flood water would have been channeled with increasing velocity into our land adjoining "Belltana" with major damage to our land resulting.

I have informed [REDACTED] of our concern, and spoken to our member of Parliament Mr Brian Littleproud, and also have written to Water Resources and Soil Conservation Departments.

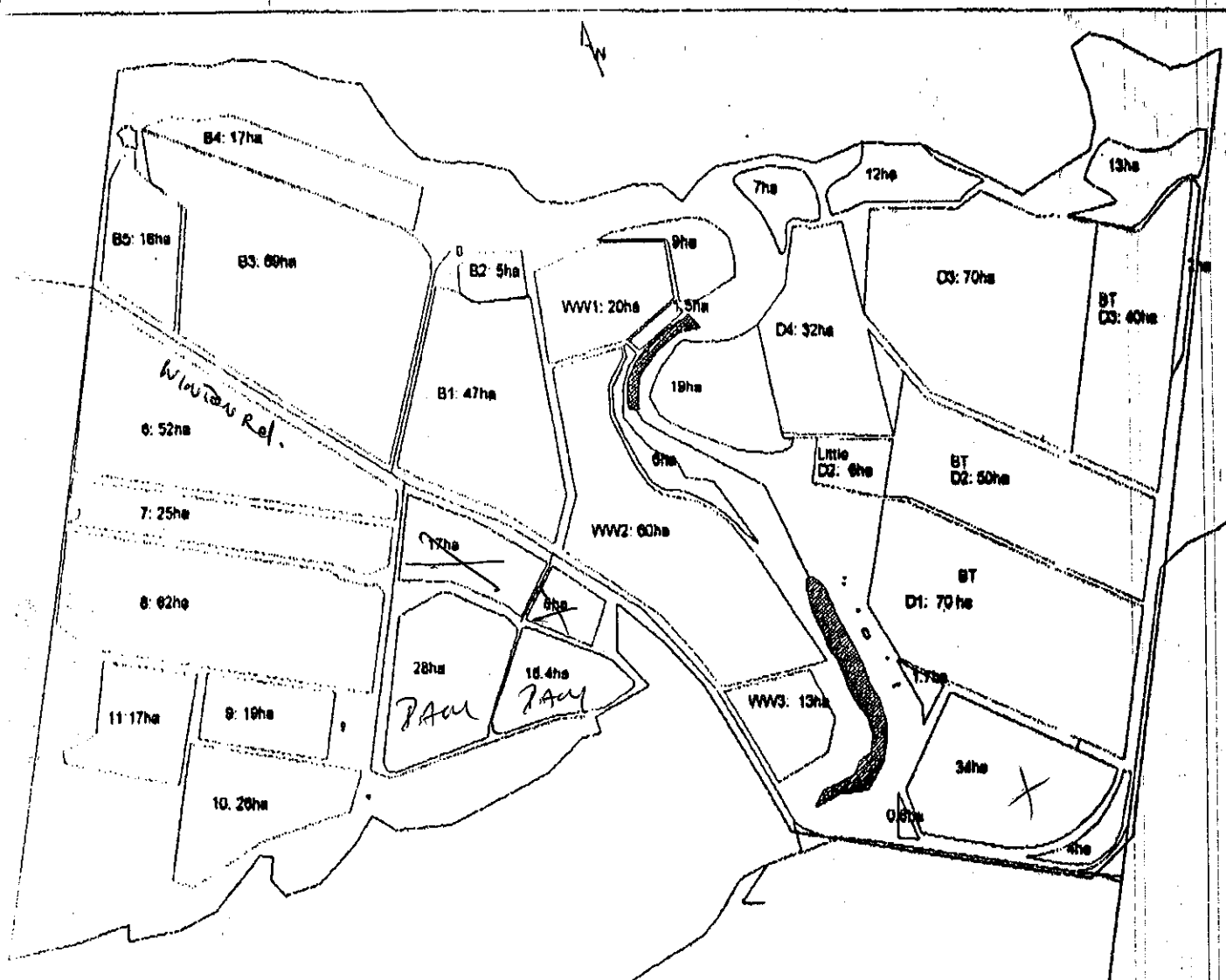
I would point out that prior to these floods we were concerned about the damage that could take place.

We would like a personal inspection so that you can appreciate the problem brought about by the erection of these "Banks" ditches with your permission (Council).

Yours faithfully

[REDACTED]

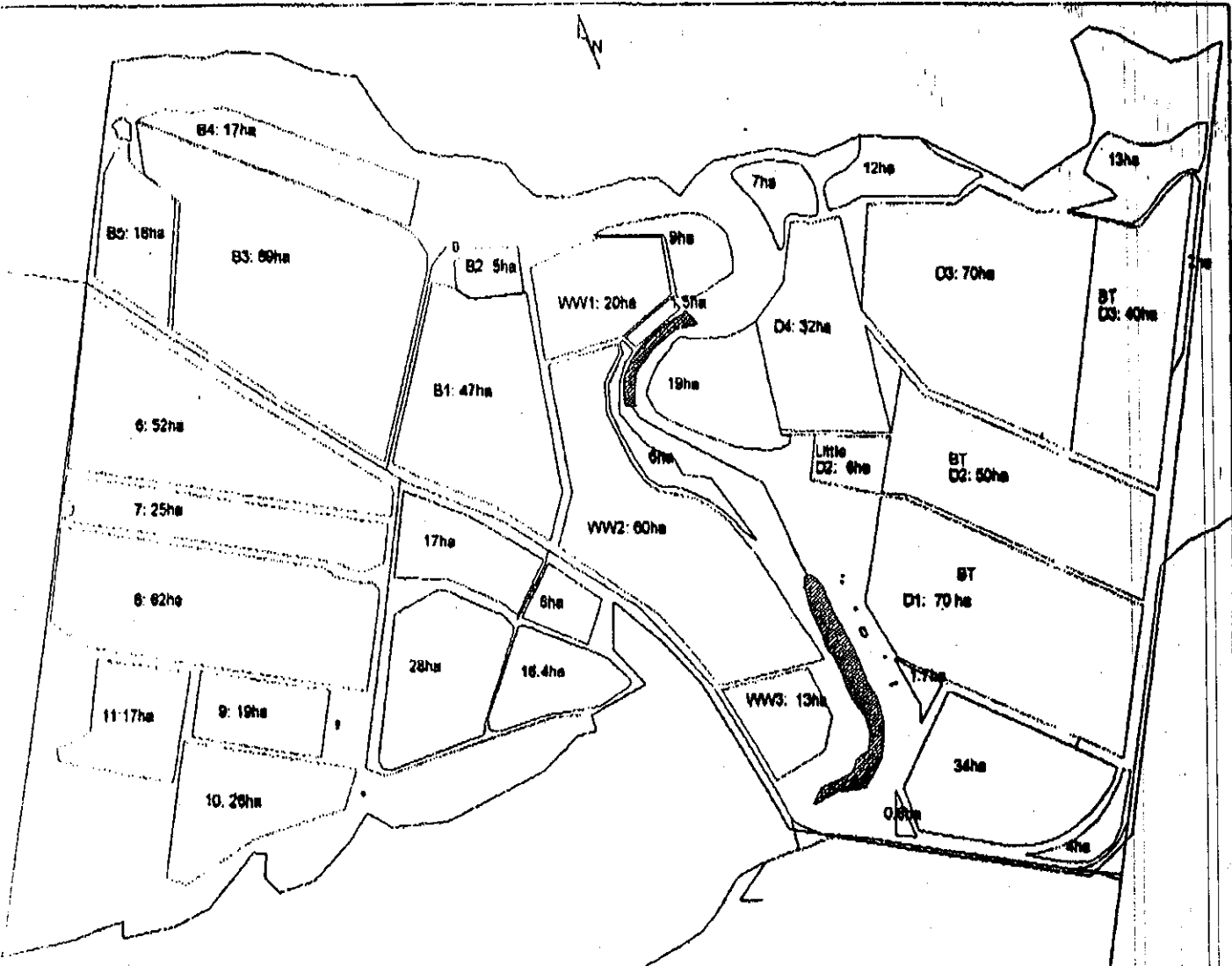
[REDACTED]



**Haycott: Warra Warra
Beltana and Two Mile**

- Cotton
- Other Crops and/or Fallow
- Warra Warra Lagoon
- Water/Ring Tanks

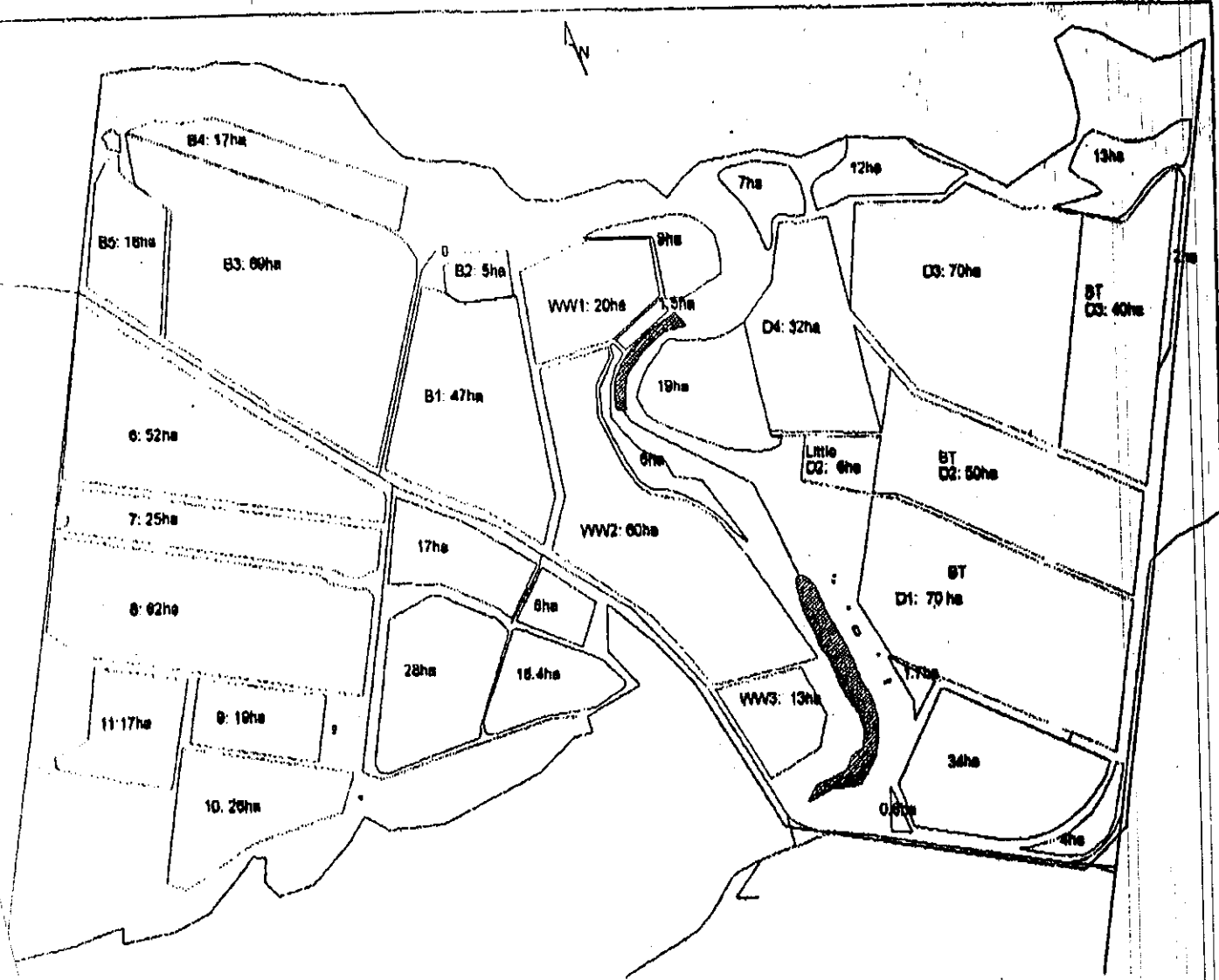
Plan prepared by M.E. McKay & Associates Pty Ltd from corrected aerial photograph flown 15-11-66



**Haycott: Warra Warra
Beltana and Two Mile**

- Cotton
- Other Crops and/or Fallow
- Warra Warra Lagoon
- Water/Filling Tanks

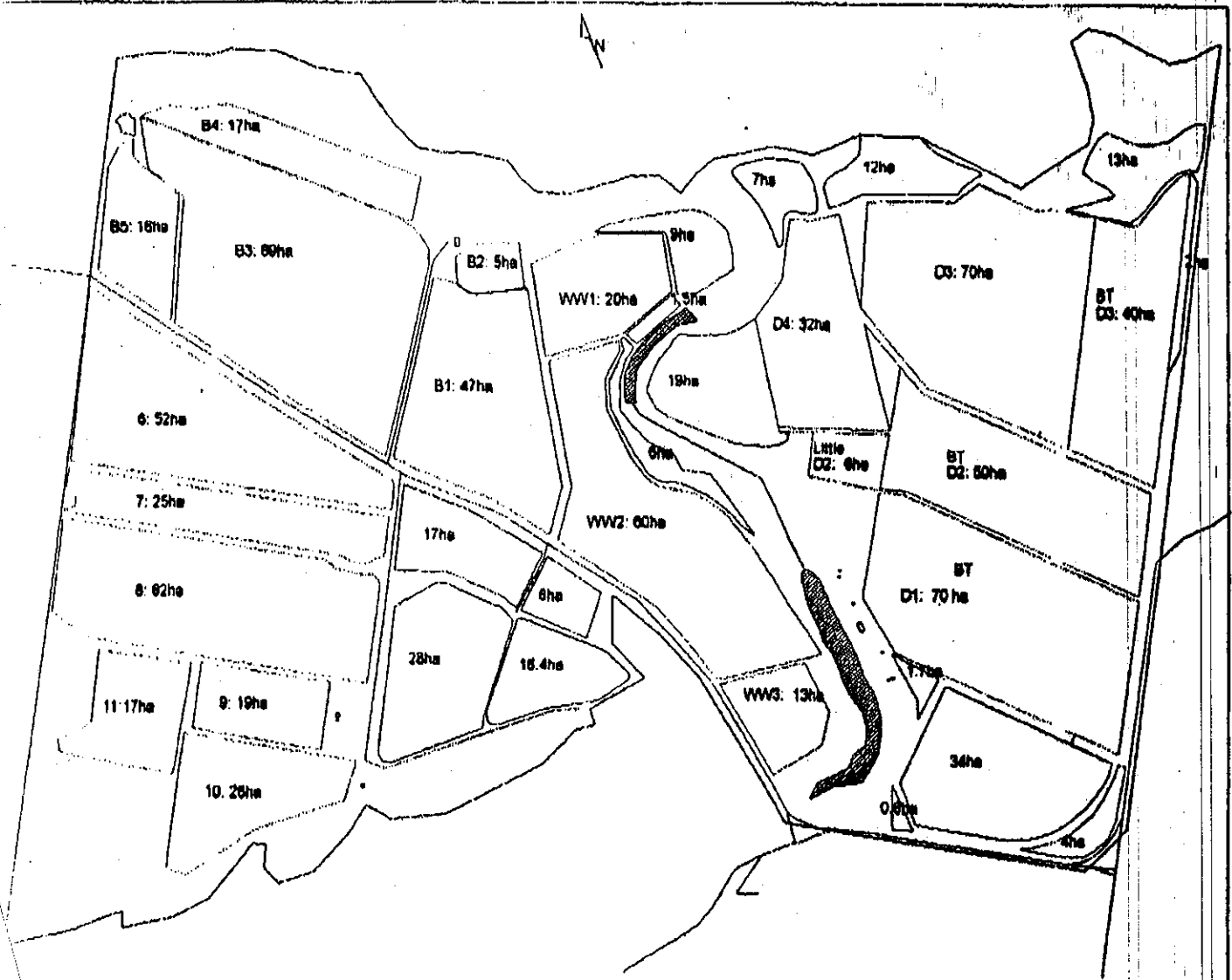
Plan prepared by M.E. McKey & Associates Pty Ltd from corrected aerial photograph flown 15-11-66







**Haycott: Warra Warra
Beltana and Two Mile**

- Cotton
- Other Crops and/or Fallow
- Warra Warra Lagoon
- Water/Ring Tanks

Map prepared by M.E. McKay & Associates Pty Ltd from corrected aerial photograph flown 15-11-98



**Haycott: Warra Warra
Beltana and Two Mile**

-  Cotton
-  Other Crops and/or Pasture
-  Warra Warra Lagoon
-  Water/Filling Tanks

prepared by M.E. McKay & Associates Pty Ltd from corrected aerial photograph flown 15-11-68

"The Ridge"

Telephone: (076) 68 1232
Facsimile: (076) 68 1230

P.O. Box 57,
Warra, Q. 4411

11615

15th October, 1992

Chinchilla Shire Council,
Heeney Street,
CHINCHILLA 4413

ATTENTION: [REDACTED]

Dear Sir,

Reference is referred to submission number 1/11/11 from Mr. [REDACTED] on the 26th October, 1990 for the changes to Tail Drains on Beltana and Two Mile properties.

In recent times we have enlarged the sump on the North West boundary of Beltana and installed a 10 inch pump to recycle tailwater in to the head ditch along Homewood's East boundary. We now have purchased the 18inch pipe to go under Winton's Road and seek permission to go ahead with it as per plan of your reference 1/11/11.

Hoping to hear from you regarding this matter, in the very near future.

Yours faithfully,

[REDACTED]

211092 TS 211092 8

211092

Advised. Notes to ring Homewood re levels, signs and inspection etc before work proceeds. [REDACTED]



Department of
Primary Industries

Water Resources Commission

566-572 Ruthven Street, Commercial Union Centre, PO Box 3180, Town Hall, Toowoomba, Qld 4350

Telephone (076) 319 200, Facsimile (076) 329 948

Enquiries to [REDACTED]

Telephone [REDACTED]

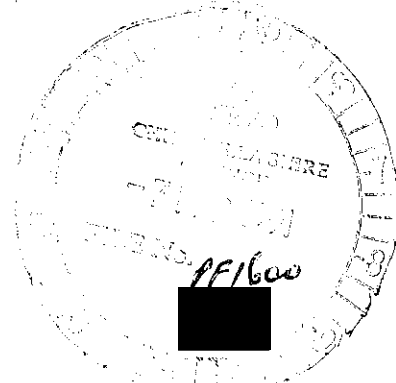
Your reference

Our reference 23-001

Date 6 February 1991

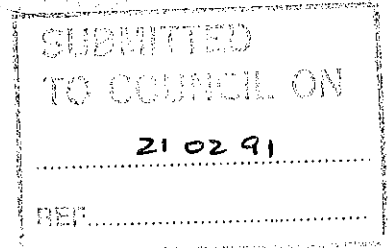
5214

Shire Clerk
Chinchilla Shire Council
P.O. Box 42
CHINCHILLA Q 4413



Dear Sir,

RE: [REDACTED] - LEVEE BANK



I refer to your letter of 31st January 1991. Your reference PF1600.

I would advise that during my inspection of [REDACTED] property I did not inspect the bank on the northern side of Winten's Road. The bank was not inspected because it was felt that it would not constitute a levee bank to Cooranga Creek under the Water Resources Act, whereas, the banks that were inspected may well have needed to be licenced under that Act.

Please do not construe my comments to mean that we consider the levee bank in question would not cause the diversion of overland flows. The Commission has neither the legislative authority nor the information to enable it to give a decisive opinion on that matter. We can, however, say quite confidently that the works to which you refer will not interfere unduely with flows in Cooranga Creek.

You have asked me to comment on the conditions imposed on Council's approval. I do not wish to comment in detail but I would make the two following suggestions.

- . If Council is unable to determine whether or not a proposed bank will affect flooding Council may undertake such investigations as thought necessary at the applicants expense or alternatively the applicant may be requested to provide a detailed study.

- . Applicants should be required to provide details on their application to ensure that there is no doubt about the location, dimensions, etc of the works being permitted.

I trust that this letter is adequate for your purposes.

Yours faithfully,



DISTRICT ENGINEER

CARVOSSO & WINSHIP

Solicitors

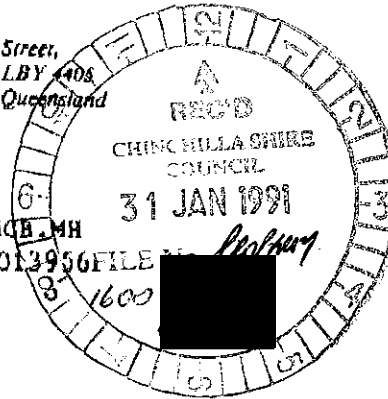
R. W. WALKER
M. C. BOUGOURE
G. L. HOPKINS
W. J. SCHIRMER B.COM., LL.B.
S. J. MEAD

Your Ref:

Stuart Street,
DALBY 4405
Queensland

Our Ref:

MCH.MH
9013956 FILE



TELEPHONE: 622033 (5 lines)

Area Code: 076

FAX No: 076 821093

BOX 527, P.O.
DALBY, Q. 4405

5151

30th January, 1991

FACSIMILE TRANSMISSION SHEET

RE: [REDACTED] SALE TO [REDACTED]

TO: THE SHIRE CLERK, CHINCHILLA SHIRE COUNCIL, CHINCHILLA

ATTENTION: REF: 1/11/11 FAX: [REDACTED]

FROM: CARVOSSO & WINSHIP, SOLICITORS, DALBY. [REDACTED]

INCLUDING THIS PAGE, THIS FACSIMILE COMPRISES ONE PAGES.

IF NOT RECEIVED COMPLETE AND FULLY LEGIBLE, PLEASE TELEPHONE TO
ARRANGE RE-TRANSMISSION.

Reference your undated letter received on the 23rd, kindly advise
if Applications for alterations to Irrigation works on Lot 3 on Registered
Plan 32842 and Lot 1 on Registered Plan LY1033 are uncondition

[REDACTED]

P,
Y.

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1600

YOUR REFERENCE

2440

31 January, 1991

District Engineer,
Water Resources Commission,
PO Box 3180, Town Hall,
TOOWOOMBA Q 4350

Dear Sir,

Re: [REDACTED] - Levee Bank

With reference to previous discussions and correspondence concerning an application for a license under Section 47(24) of the Local Government Act by [REDACTED] I would advise that Council is concerned that the Commission may not have inspected the correct area of the application.

The bank which is of concern to Council is that located on the north side of Wintens Road and adjacent to Cooranga Creek on the western boundary of Lot 1 RP54541.

Could you please advise if this is the bank inspected by the Commission and also offer any comments concerning the conditions imposed on the approval as per the attached letter.

Yours faithfully,

[REDACTED]
(Shire Clerk)

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1600

YOUR REFERENCE

2439

31 January, 1991

[REDACTED]
"Rostherne",
[REDACTED]

WARRA Q 4411

Dear Sir,

Re: Levee Bank Application

With reference to your application to alter and extend your approved irrigation area and water reservoir, I wish to advise that approval is granted subject to the following:-

- i) The license be issued for a period of two (2) years in the first instance. During this time a constant check will be kept on the banks etc to ensure that there are no problems during flood times, caused by any of the structures approved herein.

Should no flood occur during the initial license period than the license will be extended every two years until such time as the effect of the structures has been determined.

- ii) Should problems arise during a flood, as a result of the structures, and damage caused to public property, then such damage will be rectified at the expense of the owner of Lot 1 RP 54541, Parish of Earle.
- iii) The applicant shall indemnify Council against any claim whatsoever arising out of the construction and operation of the irrigation area.
- iv) Advice from the Water Resources Commission that the bank on the north side of Wintens Road and adjacent to Cooranga Creek on the Western Boundary of Lot 1 RP 54541, is not likely to interfere with the natural watercourse.
- v) You are reminded that any such works should not be carried out until approval is granted by Council. It is noted that the work applied for has already been constructed and if a breach of this nature was to occur in the future then Council will not hesitate to prosecute the offender in accordance with the provisions of Councils by-law and the Local Government Act.

Yours faithfully,

[REDACTED]
(Shire Clerk)

General Meeting Minutes - 24 January, 1991

Levee Bank Application - [REDACTED] (PF1600)

35. Moved Cr. McCutcheon seconded Cr. Vellnagel that the application by [REDACTED] to alter and extend his approved irrigation area and water reservoir to improve the tail drain system to enable the recycling of water, be approved subject to the following:-

i) The license be issued for a period of two (2) years in the first instance. During this time a constant check will be kept on the banks etc to ensure that there are no problems during flood times, caused by any of the structures approved herein.

Should no flood occur during the initial license period than the license will be extended every two years until such time as the effect of the structures has been determined.

ii) Should problems arise during a flood, as a result of the structures, and damage caused to public property, then such damage will be rectified at the expense of the owner of Lot 1 RP 54541, Parish of Earle.

iii) The applicant shall indemnify Council against any claim whatsoever arising out of the construction and operation of the irrigation area.

iv) Advice from the Water Resources Commission that the bank on the north side of Wintens Road and adjacent to Cooranga Creek on the Western Boundary of Lot 1 RP 54541, is not likely to interfere with the natural watercourse.

v) Council to remind [REDACTED] that any such works should not be carried out until approval is granted by Council. It is noted that the work applied for has already been constructed and if a breach of this nature was to occur in the future then Council will not hesitate to prosecute the offender in accordance with the provisions of Councils by-law and the Local Government Act.

CARRIED

CARVOSSO & WINSHIP

Solicitors

R. W. WALKER
M. C. BOUGOURE
G. L. HOPKINS
W. J. SCHIRMER B.COM., LL.B.
S. J. MEAD

Stuart Street,
DALBY 4405
Queensland

TELEPHONE: 62 2033 (5 lines)
Area Code: 078
FAX No. 078 62 1093
BOX 527, P.O.
DALBY, Q. 4405

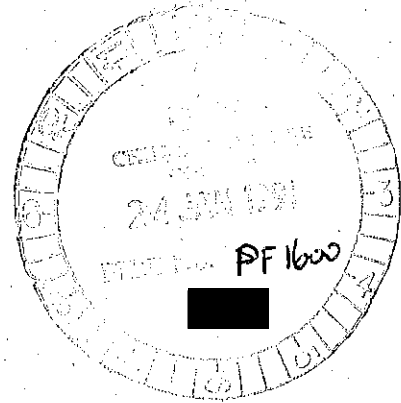
Your Ref: 1.11.11

Our Ref: MCB.MH
9013956

5117

22nd January, 1991

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA Q 4413



Dear Sir,

re: [redacted] Sale to [redacted]

Thank you for your undated letter received this morning.
Would you kindly let us know the outcome of your Council's deliberations
tomorrow.

[redacted] fully,
WINSHIP

Shortest possible lease time (2 years)

Secure reservations as to its effect
in a flood.

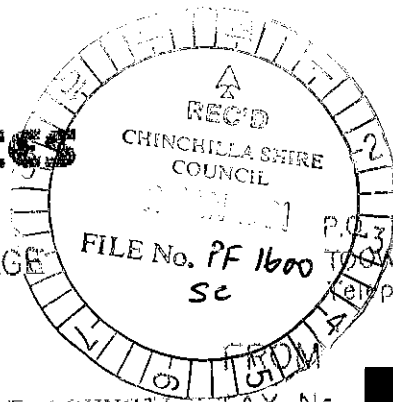
If problems must be forced
immediately at their expense.

Any indemnity ~~in~~ of a claim
from neighbours for any damage to
be met by applicants.

Want open ended ~~at~~ as
far as flood concerned it might be
5 years till a major flood.



Water Resources



5102

FACSIMILE MESSAGE

P.O. BOX 3180, Town Hall
TOOWOOMBA QLD 4350
Telephone (076) 31 9200

TO
 FIRM NAME CHINCHILLA SHIRE COUNCIL FAX No. [REDACTED]
 FAX No. (076) 627720 NAME [REDACTED]
 ATTENTION SHIRE CLERK TELEPHONE No. [REDACTED]
 TELEPHONE No. [REDACTED] OUR FILE REF. 23-001
 YOUR FILE REF. 7/11/11 DATE 22/1/1991

THIS TRANSMISSION COMPRISES THIS PAGE PLUS PAGES

Subject APPLICATION BY [REDACTED] S.47(24) LOCAL GOVT. ACT
 Reference BY LETTER 15/1/1991

I have now reviewed the application submitted to you by [REDACTED] of [REDACTED] for a Permit under S.47(24) of the Local Govt. Act. Due to [REDACTED] details of the proposed works on the application it was [REDACTED] for me to seek additional information. On 21/1/91 I [REDACTED] the property and found that the works have virtually [REDACTED] completed.

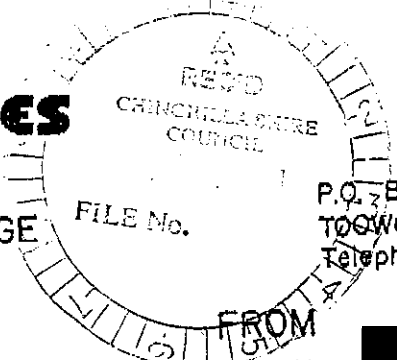
I was interested to look closely at [REDACTED] proposal to [REDACTED] whether the works adjacent to the Condamine River, partic [REDACTED] head [REDACTED] M-P, needed licensing as a levee bank under the [REDACTED] Resources Act. After inspecting the works I would advise [REDACTED] opinion, none of the works would need to be licenced [REDACTED] Resources Act. The reservoir bank 2-X1 is a significant [REDACTED] from the watercourse and the head ditch M-P is of minimum [REDACTED] would fail very quickly if major flooding did ever break [REDACTED] Condamine River at this point.

[REDACTED] for the opportunity to comment on this application before [REDACTED] consideration by Council.

[REDACTED]



Water Resources



P.O. BOX 3180, Town Hall
TOOWOOMBA QLD 4350
Telephone (076) 31 9200

FACSIMILE MESSAGE

FILE No.

TO

FIRM NAME CHINCHILLA SHIRE COUNCIL

FAX No. [REDACTED]

ATTENTION SHIRE CLERK

TELEPHONE No. [REDACTED]

YOUR FILE REF. 7/11/11

FROM

FAX No. [REDACTED]

NAME [REDACTED]

TELEPHONE No. [REDACTED]

OUR FILE REF. 23-001

DATE 22/1/1991

THIS TRANSMISSION COMPRISES THIS PAGE PLUS..... PAGES

Subject APPLICATION BY [REDACTED] - S.47(24) LOCAL GOVT. ACT

Reference MY LETTER 15/1/1991

I have now reviewed the application submitted to you by [REDACTED] of Warra for a Permit under S.47(24) of the Local Govt. Act. Due to a lack of details of the proposed works on the application it was necessary for me to seek additional information. On 21/1/91 I inspected the property and found that the works have virtually all been completed.

I was interested to look closely at [REDACTED] proposal to determine whether the works adjacent to the Condamine River, particularly head ditch M-P, needed licensing as a levee bank under the Water Resources Act. After inspecting the works I would advise that, in my opinion, none of the works would need to be licenced under the Water Resources Act. The reservior bank Z-X1 is a significant distance from the watercourse and the head ditch M-P is of minimum height and would fail very quickly if major flooding did ever break out of the Condamine River at this point.

Thank you for the opportunity to comment on this application before final consideration by Council.

[REDACTED]

(DISTRICT ENGINEER

CHINCHILLA SHIRE COUNCIL

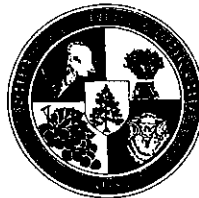
PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FAX SIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE
7/11/11

YOUR REFERENCE

2385

15 January, 1991

District Engineer,
Water Resources Commission,
P.O. Box 3180
Town Hall
TOOWOOMBA Q 4350

Dear Sir,

Re: Application - Section 47(24)
Local Government Act

I enclose herewith a copy of an application by [REDACTED] for alterations to a previous permit issued on Lot 1 RP54541 - Parish of Earle and would appreciate any comments on the report by the Commission.

As Council will be considering this matter at its meeting on the 24th of January, it would be appreciated if your reply could be to hand prior to that date.

Thanking you in anticipation.

Yours faithfully,

[REDACTED]
(Shire Clerk)

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FAX (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE

1/11/11

YOUR REFERENCE

2390

Carvosso & Winship
Solicitors
P.O. Box 527
Dalby QLD 4405

Dear Sir,

Re: [REDACTED]

With reference to your letter of the 14th of January concerning the above, I wish to advise that the application for alterations to the irrigation works, on Lot 3 RP32842 and Lot 1 on LY1033, will be determined by Council on the 24th of January, 1991.

Yours faithfully,

[REDACTED]

(Shire Council)

CARVOSSO & WINSHIP

Solicitors

R. W. WALKER
M. C. BOUGOURE
G. L. HOPKINS
W. J. SCHIRMER B.COM., LL.B.
S. J. MEAD

Stuart Street,
DALBY 4405
Queensland

TELEPHONE: 622033 (5 lines)

Area Code: 076

FAX No. 076 621093

BOX 527, P.O.
DALBY, Q. 4405

5073

Your Ref:

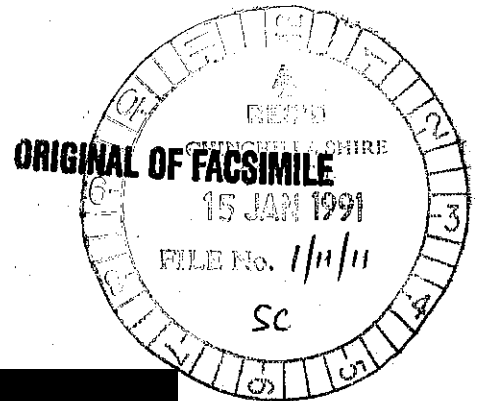
Our Ref:

MCB:MD
90/13956

14th January, 1991.

2/5/13

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA. Q. 4413.



Dear Sir,

re: [REDACTED] SALE TO [REDACTED]

We refer to your letter of the 8th November last detailing Rates particulars in respect of lands described as Lot 3 on Registered Plan 32842 and Lot 1 on Plan LY1033 in the Parish of Earle.

We note you advised us then that an application was currently before Council for alterations to the irrigation works on those properties and we should be obliged to know the current position regarding that application?

Has the application been approved conditionally or unconditionally?

We should be obliged if you could let us have your URGENT advices.

Yours faithfully,
[REDACTED]
CARVOSSO & WINSHIP

CHINCHILLA SHIRE COUNCIL

NOTICE

NOTICE is hereby given that the undermentioned application for a License under the provision of Subsection (24) of Section 47 of the Local Government Act 1936-1988 has been made to the Chinchilla Shire Council.

Applicant: [REDACTED]

The owner of: [REDACTED], Parish of Earle, County of Lytton.

Proposed Work: Extension of irrigation area and water reservoir. Improvement of tail drain system so that water can be recycled.

A person being the owner or occupier of land likely to be affected by the licensing of the work may, in writing signed by him, and addressed to the Shire Clerk, Chinchilla Shire Council, object to such License being granted and submit in writing to the Shire Clerk the grounds for such objection.

The application and plan are open to inspection at the Council's Office.

The 29th day of November, 1990 has been appointed as the last day for the receipt of objections.

[REDACTED]
(Shire Clerk)

Civic Centre,
PO Box 42,
Chinchilla. Q. 4413

Chinchilla News - 8 & 15 November, 1990

CHINCHILLA SHIRE COUNCIL

4623

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED], of KOGAM Rd WARRA, in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant: [REDACTED]
- (2) Postal Address: [REDACTED] WARRA 4411
- (3) Location of work (see also 10) County: LYTTON Parish: EARLE
Real Property Description: [REDACTED] (Section [REDACTED] Parcel Earle)
Area: 426 m²
- (4) Nature of Works: EXTENSION OF IRRIGATION AREA AND WATER RESERVIOR.
IMPROVEMENT OF TAIL DRAIN SYSTEM SO THAT WATER CAN BE RECYCLED
- (5) Purpose of Work: As above
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank _____ metres.
 - (b) Maximum height _____ metres.
 - (c) Width of top _____ metres.
 - (d) Width of base _____ metres.
 - (e) Materials of which bank will be constructed: _____
- (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? _____
- (g) Height of top of bank above highest known flood level: _____
- (7) Particulars of work (if drain or other excavation) -
 - (a) Total length _____ metres. 4300
 - (b) Maximum depth _____ metres. 113
 - (c) Width of top _____ metres. 4
 - (d) Width at base _____ metres. 2
 - (e) State nature of soil at site: Clay

- (8) Provision for preventing injury to other land arising from proposed work: No injury is likely to occur
- (9) Period for which permit is required: 20 years?
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any) direction of flow of all water, location of work, property boundaries and typical cross sections of work.
Scale 1:5000
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the sum of \$95 being the required application fee.

Date:

26/10/90

Signature of Applicant:



Telephone:
076 - 68 1123
Fax:
076 - 68 1138

COPY TO	TS	for 31/10/90
COPY TO	DC2	
COPY TO	"Rostherne",	
COPY TO	P.O. Box 8,	
B/U DATE	Wanna, Q. 4411	

4624

The Shire Clerk

Wanna, Q. 4411

26th October 1990

Churchilla Shire Council
P.O. Box 42
Churchilla
4413



Dear Sir,

Your Reference 11/11/11

Thank you for your letter of 4th October 1990. I have consulted with the construction firm of Suchholz of Goondiwindi on some of the points raised in your letter; in particular point (i). After calculating the amount of earth to be shifted to bring the entire area under irrigation, they are of the opinion that it is better to stay very close to the original design as approved in Permit No 7, and leave the area along the natural watercourse as an "Environmental Corridor" and only water between the head ditch and Wintens road.

Point (ii)

The tail drain along Wintens road will be enlarged and given a fall to point (T1) from here it will go under Wintens road in a 1200x225 RCBC this culvert will also take the water from the road table drains; at point (T3) it enters a deeper tail drain that flows to a catchment pond near Cooranga Creek. From this pond a pump lifts the water into a ditch on the Western boundary parallel with the (T3) tail drain and returns it to point (T2) where it enters an 18" pipe to flow under Wintens road and then along a drain on the Western boundary of the "Two Mile" until it meets the existing tail drain at (T). From (T) it flows East to the existing sump and pump at (U) for recycling or on to pump at (V) where it can be pumped back into the reservoir.

Point (iii)

Head ditch No 7 on "Beltana" has been eliminated by doing additional earth works. Tail drains 4/1 and 5/6 have slightly changed angles.

Point (IV)

The tail drain on ~~Stonewoods~~ boundary has not been altered; but a ditch has been constructed parallel to it so that the tail water can be recycled into head ditch No 5 or returned to the "Two Mile" storage or irrigation area.

I hope these works to contain the "tail" waters meet with your Council's approval, as I believe that current practice is to contain the tail water within the irrigation area as much as possible.

I believe that the only run off that will be lost into streams, from this system if it is approved, will be the run off from a heavy storm.

New irrigation area

I seek your Council's approval to construct the head ditches to serve fields 1, 2A, 2B and 3 in the new irrigation area as shown on enclosed plan.

The length of the head ditches is approximately 2400 meters and the tail drains 2700 meters.

This new area is not subject to flooding.

Extension of off stream storage

To provide water for the enlarged irrigation area it is necessary to increase the size of the water storage reservoir by 1100 ML.

These extensions however follow the high ground and do not encroach on the natural water course. The maximum bank height is 5.00 meters.

The maximum bank height of the existing storage is 7 meters.

I enclose my cheque for \$95 and application form. I have not provided you with a map on the application, as I believe the enclosed map at scale 1:5000 can better describe the proposed works. Would it be possible for you to photocopy this map and return the original.

Yours truly



4 October, 1990

[Redacted]
"Postherne",
[Redacted]

WARRA Q 4411

Dear Sir,

Re: Section 47(24) of the Local Government Act

Reference is made to your letter dated 12 September, 1990 and discussions held with Council's Technical Supervisor on the alterations to your irrigation area master plan.

After consideration of the proposed alterations I advise that Council requires the advertising and relicensing of the master plan as alterations have been made to water levels and water flow directions in the following areas:-

- i) Head ditch from lift pump to boundary line has been altered in shape and direction.
- ii) Tail drain along Winton's Road is to be excavated to hold more water and culverts etc., on Winton's Road, are no longer required to flow water into Head Ditch 7.
- iii) Head ditch No. 7 has a changed angle.
- iv) Alterations to the tail drain on Homewood's boundary to reverse the flow of tail water.

Attached please find application forms for submission to Council along with the application fee of \$95.00. Also, returned herewith is your copy of the plan of the proposed irrigation master plan.

Would you please complete the necessary documentation in order that the proposal may be proceeded with by Council.

Yours faithfully,

BC Technical Supervisor

[Redacted]

Copy for your information.

(Shire Clerk)

.....
SHIRE CLERK

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



IN REPLY PLEASE QUOTE

EH:SH

OUR REFERENCE

PF1601/10000

YOUR REFERENCE

ENTERED
IN INDEX

20 June, 1997

Chief Executive Officer
Wambo Shire Council
PO Box 549
DALBY Q 4405

Dear Sir,

Re: Levee Bank Permit Application - RN, MC and MP Maddern

Reference is made to your letter dated 03 June, 1997 concerning the above application lodged with your shire for an extension of an irrigation scheme constructed on the boundary of Chinchilla Shire.

The original permit for the scheme in Chinchilla Shire was issued in September 1992 for an initial period of 2 years to gauge the effect during heavy rainfall and flooding has expired with no application for renewal being received from the landholder.

Chinchilla Shire is taking the issue up with the applicants to renew the original licence and would request that your Council include a condition on the extension of the development that the original development scheme hold a current permit from Chinchilla Shire Council.

Your co-operation on this issue is appreciated by Council.

Yours faithfully,

A large black rectangular box redacts the signature of the Chief Executive Officer.

CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



IN REPLY PLEASE QUOTE

EH:SH

OUR REFERENCE

PF1601/1

YOUR REFERENCE

ENTERED
IN INDEX

20 June, 1997

[REDACTED]
WARRA Q 4411

Dear Sir,

Re: Levee Bank Permit - Irrigation Development

Reference is made to a levee bank permit issued by Council in September 1992 issued for a period of 2 years so that the effect of the proposal may be determined following heavy rainfall or flood.

As the permit has expired, Council advises that there has not been an application for renewal of the Permit and as such Council requests an onsite meeting to ascertain the effect of the development since construction.

Failure to renew the permit will result in Council declaring the structure as an illegal structure and action being taken under the Local Government Act 1993.

Would you please contact Council within 14 days from the date of this letter to arrange a suitable date for the onsite inspection.

Your co-operation in this regard would be appreciated.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE



Wambo Shire Council

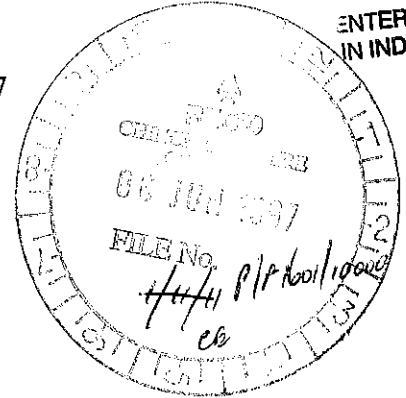
26 Wood Street
DALBY Q 4405
Phone: (076) 622922
Fax (076) 621738

"Heart of the Magnificent Darling Downs"

Our Mission:
"To effectively allocate resources to satisfy community needs and in so doing, pursue quality and excellence in the performance of all functions entrusted to Council"

PGT:KJH
FILE: 602509LETTERS(L970615)

3rd June 1997



The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA Q 4413

Dear Sir

RE: LEVEE BANK PERMIT APPLICATION RN, MC AND MP MADDERN

Reference is made to the telephone discussion between [redacted] on 30 May 1997 concerning the above levee bank permit application.

A copy of the application is attached for your information. Discussions between Mrs [redacted] subsequent to the above discussion indicated that the portion of the Levee Bank application within Chinchilla Shire already has a permit.

Please advise if Chinchilla Shire Council has any problem with [redacted] extension to their existing irrigation scheme.

Wambo Shire Council intends to make a decision on this application on 5 June 1997. Please contact Mr Phil Tweddell if you have any queries.

Yours faithfully

[Redacted signature]

EXECUTIVE OFFICER

I've recommended to defer our decision on this Application until July. (The typos was show).

[Redacted signature]

COPY TO T/S
COPY TO _____
COPY TO _____
DATE 06/06/97 JP.

Executive Officer
9
405

4/6

20188

WAMBO SHIRE COUNCIL

APPLICATION FOR PERMIT GRANTED UNDER PART 5 OF CHAPTER 9 OF THE LOCAL GOVERNMENT ACT 1993 (Refer AD.PR.001)

THIS APPLICATION IS TO BE MADE BY THE REGISTERED OWNER OF FREEHOLD LAND OR THE REGISTERED LESSEE OF CROWN LEASEHOLD LAND

INFORMATION FOR APPLICANTS UNDER PART 5 OF CHAPTER 9 OF THE 'LOCAL GOVERNMENT ACT 1993'

- (a) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
(b) In terms of the 'Local Government Act 1993', Applications for Permits are required to be advertised in accordance with the Council's By-Law and even if no objections are received or any objection received and dismissed there is no guarantee that the Permit applied for will be granted.
(c) Applicants are warned against taking any action to construct any work until a Permit from the Council has been received.
(d) All questions in relation to the application must be answered fully as failure to do so will lead to delays in dealing with the application.
(e) Permits are issued for a limited time as determined by Council.

I/We: [Redacted] (full name of Applicant/s)

of: 4 Willoughd [Redacted] WARRA 4411 (full postal address)

Phone No. [Redacted] in the Shire of Wambo being the Owner/Lessee of land situated as hereunder described and shown on the accompanying plans and upon which land is constructed (or it is proposed to construct and use) the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Location of Work: County: Lytton Parish: Thorne
(2) Lot/s on R.P.: [Redacted] on [Redacted] Certificate
(3) Purpose of Work: of title No 124763 Vol 2057 Fol 23 Irrigation works
(4) Is Application for a permit for existing works or for new work? new

- (5) Plan of property to scale of 1:5000 to be attached, showing positions of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross-section.
- (6) Particulars of works: (if Irrigation Scheme)
- (a) General plan full, scheme layout.
 - (b) Contour information (preferred).
 - (c) If contours not supplied, the overland storm flow pattern.
 - (d) Dimensioned cross sectional details of all work.
 - (e) Recirculation method of irrigation tail water.
 - (f) Provision for flood water flows through works.

THE FOLLOWING PARAGRAPHS 7 TO 10 ARE NOT REQUIRED IF APPLICATION IS FOR UNCHANGED EXISTING WORKS, or IF D.P./CONSULTANT DESIGNED PLAN FOR NEW WORKS IS ATTACHED. IF SO, PROCEED TO PARAGRAPH 11 FOR DECLARATION AND SIGNATURE.

- (7) Particulars of Work (if a Levee Bank): *Head ditch*
- (a) Total length of Levee Bank... *868*metres
 - (b) Maximum height..... *1*metres
 - (c) Width of top..... *6*metres
 - (d) Width of base..... *7.5*metres
 - (e) Materials of which bank will be constructed... *Black soil*
 - Head ditch consists of 2 banks 2.5 meter wide at base + 2.5 m. apart.*
 - (f) If Levee Bank is on one side of stream, is Levee bank crest higher or lower than lowest point on opposite banks and by how much.....
- (8) Particulars of work (if drain or other excavation):
- (a) Total length..... *145.1*metres
 - (b) Maximum depth..... *1.5*metres
 - (c) Width of top..... *3.5*metres
 - (d) Width at base..... *2.5*metres
 - (e) Nature of soil at site..... *Black alluvial*
- (9) Provision for preventing injury to other land arising from the proposed work:

- (10) (A) Plan/s to show the general flood picture of the area prior to the erection of the works.
- (B) Width and depth of flow of water to be diverted by the levee banks:
- | | | | | |
|-----|----------------|------|----------|--------------------------------|
| (a) | Width of Flow? | (i) | Maximum: | <u> NIL </u> |
| | | (ii) | Average: | <u> NIL </u> |
| (b) | Depth of Flow? | (i) | Maximum: | <u> NIL </u> |
| | | (ii) | Average: | <u> NIL </u> |

- (10) (C) The point/s at which the water will return to its natural flow:-
- (a) Indicate point/s on plan of area.
 - (b) Is this point in Applicant's property? _____
 - (c) Does levee bank/s increase flow or inundate area in other properties?
No
 - (d) If so, state nature of flow or inundate area: _____

(D) What will be the effect of the levee bank on the general drainage patterns of the area?

(E) Contour and survey information may be submitted to support the Applicant's case for granting of the requisite Permit by the Council.

(11) I declare to the best of my knowledge and belief that the information contained herein is true and correct and I enclose herewith the sum of \$ _____ dollars, being the required application and chainage fee, in any.

Dated at: Darbhanga this 24th day of April 19 97

Signature of the Applicant/s: 

WAMBO SHIRE COUNCIL

NOTICE OF APPLICATION TO OWNERS OF PROPERTIES WITHIN ONE KILOMETRE OF APPLICANT'S BOUNDARIES (Refer Procedure AD.PR.001)

STATEMENT REQUIRED WITH APPLICATION FOR LEVEE BANK PERMIT UNDER PART 5 OF CHAPTER 9 OF THE LOCAL GOVERNMENT ACT 1993

Applicant/s: [redacted] Phone No.: [redacted]
Address: WARRA
Lot/s on RP: Lot [redacted] on R.P no [redacted]
Parish of: Thane County of: Kylington

Type of Work: (Please Indicate)

Irrigation Works	Ring Tank	Soil Conservation Works	Levee Banks
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I/We: [redacted signature block]

the owner/owners of property within a radial distance of one (1) kilometre from any part of the land described above on which the Applicant wishes to apply to the Council for a Levee Bank Permit have been notified by the Applicant of his intention to apply to the Council of the Shire of Wambo for a Levee Bank Permit for existing, proposed or changed works as indicated on the above property.

I/We, realise that signing this statement does not prevent or prejudice my right to make any objection to the Council of the Shire of Wambo on the Application should this procedure be necessary in the circumstances.

Signed: [redacted]	Dated: <u>23/4/97</u>	Phone No.: [redacted]
Signed: [redacted]	Dated: <u>23/6/97</u>	Phone No.: [redacted]
Signed: [redacted]	Dated: <u>23/4/97</u>	Phone No.: [redacted]
Signed: _____	Dated: _____	Phone No.: _____
Signed: _____	Dated: _____	Phone No.: _____
Signed: _____	Dated: _____	Phone No.: _____

NOTE: The Application will be open to objection at the Shire Office for twenty-one (21) days from the first date advertised in the Dalby Herald.

Objection Forms AD.FM.054 is available on request from Council Office.

WAMBO SHIRE COUNCIL

DECLARATION OF PROPERTY OWNERSHIP BY OWNER
(Refer Procedure AD.PR.001)

SCHEDULE 3

'OATHS ACT OF 1867'
Statutory Declaration

Queensland

To Wit

I, [Redacted]

of "Walleys" 1/5 [Redacted] (Name in full) [Redacted]

in the State of Queensland, do solemnly and sincerely declare that I am the registered proprietor as shown on Instrument of Title or Lessee from the Crown as shown on Instrument of Lease of the land described hereunder.

Description of land:

Lot/s on R.P.: Certificate of title Vol [Redacted] Folio [Redacted] being [Redacted] on R.P. [Redacted]

Parish of: Thorn County of: Lytton

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the 'Oaths Act of 1867'.

DECLARANT: [Redacted]

Taken and declared before me at DARBY this 24th day of April 1997

JUSTICE OF THE PEACE: [Redacted]

Note: If Schedule 3 is completed, Schedule 2 below is not required.

DECLARATION OF PROPERTY OWNERSHIP BY SOLICITOR OR BANK MANAGER

SCHEDULE 2

Place: _____

Date: _____

I hereby certify that I have sighted the instrument of Title or Crown lease the particulars of which are set out as follows:-

Lot/s on R.P.: _____

Parish of: _____ County of: _____

Registered Owner's: _____

(Name/s in full) _____

Signature: _____ (Solicitor/Bank Manager)

LEVEE BANK APPLICATION

General Information

In any part of the Shire of Wambo, other than where an "Approved Property Plan" has been issued by the Department of Primary Industries under the Soil Conservation Act of 1986 for works covered under that Act, any person intending to construct a Levee Bank, Drains, Ring Tanks, etc must, before the work is commenced, make Application on the prescribed Form for a Levee Bank Permit.

Any Levee Bank, Drains, etc. Not associated with Soil Conservation Work will be required to be licensed with the Council.

A Levee Bank is defined by the Local Government Act, as any embankment or other structure which affects the natural flow of water or flood waters.

The department of primary industries offers a free service to compile and issue approved property plans under the soil conservation act of 1986 for soil conservation works.

Application should be made direct to the Department for all Soil Conservation type work.

APPLICATIONS

It is necessary for an Applicant to submit an Application Form showing all the required particulars and supported by:-

- (a) Declaration of property ownership by Solicitor or Bank Manager (Schedule 2);

or

Declaration of property ownership by Owner (Schedule 3);

and

- (b) A notice signed by neighbouring property owners within one kilometre of the Applicant's property boundary;

and

- (c) If new works, one copy of Plans, Specifications and details to the following preferred scales:-
- Overall Farm Plan 1:5000
 - Cross Section and Details 1:500 (max)
 - Or others that clearly define the work

The Council must have a reasonable base upon which to commence processing an Application which must include all dimensions in detail, cross sections of all earthworks with dimensions shown thereon and details of methods for protection against scouring which could affect public lands and other private properties.

A separate written Application to the Council is required in regard to diversion of water from road table drains etc., giving completed drawings and details of location in respect to property. (Except where the work is part of an Irrigation Scheme where details shall be given with the Scheme).

ABOVE GROUND WATER HARVESTING SCHEMES - RING TANKS AND IRRIGATION WORKS

Applications for Water Harvesting Schemes must be *all inclusive* as a complete entity viz - collection, supply and distribution channels (Sub-surface or raised), irrigation head ditches, tail water drainage system including re-circulation where applicable and shall be shown on the overall Farm Plan together with details of the location lengths, and configuration of such ditches, channels (all types) irrespective of whether these have received prior approval. The top water level and the above ground storage capacity of the dam is also required.

All referable dams with regard to potential hazard to safety of persons or property from bank failure are the sole responsibility of the Queensland DPI Water Resources.

A referable dam is defined by the Queensland DPI Water Resources as follows:-

- 1 "That include a barrier whether permanent or temporary that does or could impound, divert or control water; and
 - (a) is ten (10) metres or more in height (calculated as prescribed) and creates a reservoir storage capacity (calculated as prescribed) of more than 20,000 cubic metres (20ml);
 - (b) creates a reservoir storage capacity (calculated as prescribed) of 50,000 cubic metres (50ml) or more and is more than five (5) metres in height (calculated as prescribed).

or

- 2 That are declared by the Department by notification published in the Gazette, to be a referable dam by reason of the danger to life or property that would or could eventuate upon the collapse or failure of the works."

The term does not include a tank construction of steel or concrete or a combination of those materials.

If required by Council, contour information and datum point shall be supplied by the Applicant.

The Council *must* refuse to license under Section 534 of the Local Government Act 1993 any bank or drains, in connection with Irrigation Works, which is adjacent to the property of a landowner or any public land unless the bank or drain discharges to a natural waterway or provision is made in the Application for either:-

- (a) A re-circulatory system to contain the water used on the property of the Applicant;
- (b) A sump to absorb or retain water used on the property of the Applicant;
- (c) An outfall drain or structure to discharge water from the property of the Applicant to any public land in a manner acceptable to the Council;

or

- (d) Some other mode of discharge that satisfies the Council.

FEES

(a) ***New Applications:-***

- (i) *Levee Bank or Drains for flood control* - Application and Advertising Fee \$150.00 plus Chainage Fee five (5) cents per metre.
- (ii) *Ring Tanks and Irrigation Works* - All Applications, irrespective of who designs them, and including Ring Tank, or Turkey's nest - Application and Advertising Fee \$150.00 plus actual costs incurred by Council in inspecting and reporting. The Inspection Fee is \$200 per day.

Minimum fee, to accompany the application is \$250.00 (\$150.00 + \$100.00 for ½ Day Inspection/Reporting). If costs are greater than \$250.00 Council will notify applicant with an account for balance.

(b) ***Existing Works:-***

Existing works - where a Permit was previously issued and there is no changes to relevant work - no Application or Chainage Fee is applicable. Where the works have changed, the Fees as applicable to a new Application must be submitted.

Soil Conservation Works should be renewed as "Approved Property Plan" under the Soil Conservation Act of 1986 through the Department of Primary Industries.

PROCEDURES

When an Application is received together with other necessary information and the appropriate Fee, the Council advertises the proposal and objections can be lodged within twenty-one (21) days of last advertisement date. The Council then considers the proposal and any objections, and determines the matter.

PERIOD OF PERMITS

- (i) Levee Banks and Drains - as determined by Council.
- (ii) Ring Tanks and Irrigation Works - initial Permit five (5) years, maximum ten (10) years thereafter.

Permits of Irrigation Works shall be provisional until the works are inspected and found to be in conformity with the Permit Specifications.

December General Meeting Minutes

Page 10 - Water Resources Commission - Levee Bank Application - RN Maddern (PF1601/1)

Motion 17 to be amended to include the conditions imposed by Queensland Transport as follows:-

Moved Cr. McCutcheon **seconded** Cr. Vellnagel that Council grant approval to the latest plan submitted and attached to the levee bank application for [REDACTED] on the following conditions:-

- i) As the design of the proposal has not been undertaken by a suitably qualified person, Council approval is restricted to two (2) years so that the affected proposal may be determined following heavy rainfall or flood.
- ii) Compliance with Queensland Transport requirements, being "The bank should be constructed such that any water diverted to use the table drain on any declared roads should not exceed that which the drains were originally designed for. To this end the Department wishes to reserve the right to withdraw consent at any stage if the condition is seen to be breached."

CARRIED

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE

PF160016011

YOUR REFERENCE

6222

27 November, 1992

[REDACTED]
Mavlinup Pastoral Company

[REDACTED]
WARRA Q 4411

Re: Levee Bank Application

I refer to your recent conversation with Cr. Wellnagel concerning the levee bank license issued for Portion [REDACTED] Parish of Earle (Hayward). I enclose herewith a copy of the conditions attached to the permit for your information.

Yours faithfully,

[REDACTED]
SHIRE CLERK

Enc.

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1601/1

YOUR REFERENCE

6217

27 November, 1992

[REDACTED]
WARRA Q 4411

Dear Sir,

Re: Levee Bank License

I refer to my letter of 24 November, concerning the above and wish to advise that a part of the letter was inadvertently omitted.

Please note that, in accordance with Section 47 (24)(j) of the Local Government Act, should you not agree with Council's decision you may appeal to the Commissioner of Water Resources, within thirty (30) days hereof.

In addition, as an objection was lodged against your application, the objector also has thirty (30) days to appeal Council's decision, accordingly no permit can actually be issued until the expiration of this thirty (30) day period or until any appeal is determined.

The objector to your application was [REDACTED] Warra.

Yours faithfully,

[REDACTED]
SHIRE CLERK

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1601/1

YOUR REFERENCE

6216

27 November, 1992

[REDACTED]
Maylingup Pastoral Company

[REDACTED]
WARRA Q 4411

Dear Sir,

Re: Levee Bank Application - [REDACTED]

With reference to your letter of 31 August, objection to a levee bank license and earthworks application from [REDACTED] on Sub 2, Portion [REDACTED] and Portion [REDACTED] Parish of Earle, I wish to advise that it is Council's intention to approve the application, subject to the following:-

- i) As the design of the proposal has not been undertaken by a suitably qualified person, approval is restricted to two (2) years so that the effect of the proposal may be determined following heavy rainfall or flood.
- ii) Compliance with Department of Transport requirements, being "The bank should be constructed such that any water diverted to use the table drain on any declared roads should not exceed that which the drains were originally designed for. To this end the Department wishes to reserve the right to withdraw consent at any stage if this condition is seen to be breached."

With regards to the content of your objection, Council has determined that, in their opinion the proposed works will not affect your land due to your property being located at the end of the planned irrigated area and tailing drains in this area will drain the water away.

Should you not agree with Council's decision you have thirty (30) days from the date hereof in which to lodge an appeal to the Commissioner of Water Resources.

Yours faithfully,

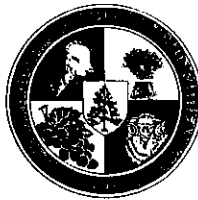
[REDACTED]
SHIRE CLERK

CHINCHILLA SHIRE COUNCIL

BOX 42
CHINCHILLA 4413

TELEPHONE (076) 62 7056
FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1601/1

YOUR REFERENCE

6194

24 November, 1992



WARRA Q 4411

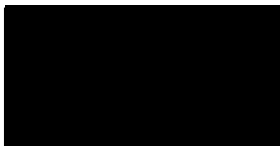
Dear Sir,

Re: Levee Bank Licence

With reference to your application to construct levee banks and other earthworks associated with an irrigation scheme on Sub 2 Portion 1319 and Portion 337, Parish of Earle, I wish to advise that approval is granted, in accordance with the plan attached to your letter of 6 November, 1992, subject to the following:-

- i) As the design of the proposal has not been undertaken by a suitably qualified person, approval is restricted to two (2) years so that the effect of the proposal may be determined following heavy rainfall or flood.
- ii) Compliance with Department of Transport requirements, being "The bank should be constructed such that any water diverted to use the table drain on any declared roads should not exceed that which the drains were originally designed for. To this end the Department wishes to reserve the right to withdraw consent at any stage if this condition is seen to be breached."

Yours faithfully,



SHIRE CLERK



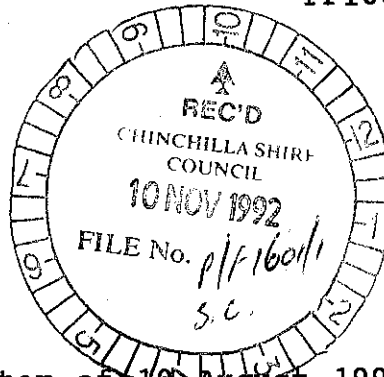
Downs District Office

Queensland Department of Transport
Phillip and Clopton Streets Toowoomba
PO Box 645 Toowoomba 4350
Telephone: (076) 39 0777
Facsimile: (076) 39 0750

6 November 1992

Enquiries: [Redacted]
Telephone: [Redacted]
Our Ref: 33/1/702.8 0611.02
Your Ref: PF1601/1

The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



11780

Dear Sir

Levee Bank Application

With reference to your letter of 10 August 1992 regarding the above matter.

I wish to advise that Queensland Transport has no objections in principle to the erection of the levee bank for irrigation purposes.

However the bank should be constructed such that any water diverted to use the table drains on any declared roads should not exceed that which the table drains were originally designed for.

To this end this Department wishes to reserve the right to withdraw consent at any stage if this condition is seen to be breached.

I wish to apologise for the delay in replying to your correspondence.

Yours faithfully,

[Redacted Signature]

MANAGER (PRECONSTRUCTION SERVICES) TOOWOOMBA

19 11 92

November General Meeting Minutes

Water Resources Commission - Ltr. 11 (PF1601/1)

Levee Bank Application - [REDACTED]

Cr. Vellnagel reported that the plans and levels supplied for the irrigation and ring tank construction scheme by [REDACTED] [REDACTED] have not been prepared by qualified Engineers and Surveyors.

17. Moved Cr McCutcheon seconded Cr. Vellnagel that Council grant approval to the latest plan submitted and attached to the levee bank application for [REDACTED] on the following condition:-

- i) As the design of the proposal has not been undertaken by a suitably qualified person, Council approval is restricted to two (2) years so that the effect of the proposal may be determined following heavy rainfall or flood.

CARRIED

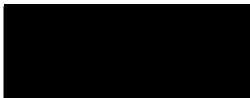


Department of
Primary Industries

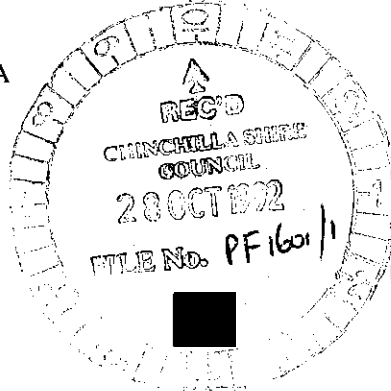
Water Resources Commission

566-572 Ruthven Street, Commercial Union Centre, PO Box 3180, Town Hall, Toowoomba, Qld 4350
Telephone (076) 319 200, Facsimile (076) 329 948

Enquiries to
Telephone
Your reference
Our reference
Date



23-001/SWR 2127 :BA
23 October, 1992



11696

The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA Q 4413

COPY TO	[Redacted]	28/10/92
COPY TO		
COPY TO		
COPY TO		

Dear Sir,

LEVEE BANK APPLICATION RC & MC MADDERN - WARRA

Following an approach to the Commission by [Redacted] for advice on Council's requirements in relation to his levee bank application, discussions have been held on the property between Councillors Vellnagel and McCutcheon, [Redacted] and [Redacted] of this Office.

As an extension of the comment provided in my letter of 31 August, 1992, I now wish to confirm the advice provided during the discussion.

It would be necessary for a detailed technical appraisal of the proposal to be undertaken as a basis for specific comment on the matters raised by Council. Further information would be required to support such an appraisal, and the collection and interpretation of this information would represent a significant cost to [Redacted]

Nevertheless, the information provided to date presents a clear indication of the overall proposal, on which it is possible to base general comment which might assist both Council and [Redacted]

As noted in my previous letter, the layout as presented takes flood flow paths into consideration. It would appear that the proposal makes adequate allowance for the unimpeded passage of flood flow. In this respect, works carried out in accordance with the presented layout would be satisfactory.

The surface slopes within the property are variable in both direction and degree. In particular, downfield and crossfield slopes are generally at the upper limit of suitability for surface irrigation, and indeed practice might show the method to be operationally unsatisfactory in some areas.

191192

[Redacted]

Nevertheless, the implementation of a well managed surface irrigation scheme would not be expected to pose an unacceptable risk of erosion within the developed area. In this regard, the ability to control furrow length and spacing is a significant positive influence in terms of run-off control.

The proposal to impound and recirculate tail water from the area is consistent with the principle of recirculation adopted by most operators of systems similar to that proposed.

In absence of the hydraulic details of the proposed drainage works, it is confirmed that it would be usual to design tail drains to carry a flow rate capable of draining the volume of runoff produced by a "1 in 5 year" 24 hour rainfall from the subject area in 24 hours. Furthermore, drains would not generally be designed with bed slopes exceeding about 1 in 1 000, in order to ensure stability.

The required volume of retention pondage is determined as balance between the volume of water delivered under the drainage design criterion mentioned above, and the relift pumping rate available. It is not possible to provide comment on this aspect without details of drain capacities and relift pumping rates.

I trust that the above comments will be of assistance in this matter.

Yours faithfully,


 DISTRICT MANAGER

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE

PF1601/1

YOUR REFERENCE

5899

18 September, 1992

[REDACTED]
WARRA Q 4411

Dear Sir/Madam,

Re: Levee Bank Application

With reference to your recent application for approval to construct a Ring Tank and associated head ditches and tail drains on Sub 2 Portion 1319, I wish to advise that Council has resolved to grant approval in principle to the application, subject to the following:-

- i) That Engineer designed plans are submitted for the proposal addressing the following concerns:-
 - a) Overall design;
 - b) Shape and size of banks and retention ponds to hold run-off water;
 - c) No retention ponds where water runs across the Warra-Kogan Road to Warra Warra Lagoon;
 - d) The creation of erosion problems in some areas where it is intended to flood irrigate.

Your application cannot be further considered until the above conditions are complied with.

Should you have any queries please contact Council's Technical Supervisor, [REDACTED]

Yours faithfully,

[REDACTED]
SHIRE CLERK

September General Meeting Minutes

Levee Bank Application - [REDACTED] - (PF1601/1)

45. Moved Cr. Vellnagel seconded Cr. Flett that Council grant approval in principle to the Levee Bank application under Section 47 (11) of the Local Government Act subject to the following requirements:-

- i) That Engineer Designed Plans are submitted for clarification of concerns (ie. design , shape and size of banks and retention ponds to hold run off water, no retention pond where water runs across the Warra-Kogan Road to Warra Warra Lagoon and the creation of erosion problems in some areas where the applicant intends to flood irrigate).

Further, the objector, [REDACTED] be advised that it is Council opinion that the proposed works will not affect his land as it is located at the end of the planned irrigated area and tailing drains in this area will drain the water away.

CARRIED

Shire Clerk's September Report

10. Levee Bank Application (PF1601/1)

Applicant: [REDACTED] and [REDACTED]

Location of Works: Sub 2 Portion 1319 and Portion 337,
Parish of Earle.

Area: 199.973 hectares.

Nature of Works: The applicants have applied to construct a ring tank and associated head ditches, tail drains and earth sump and a tail drain pond.

Purpose of Works: Irrigation.

Description of Works:

Ring Tank -	a)	Total Length	1000 metres - crest
	b)	Maximum height	7 metres
	c)	Width of Top	4 metres
	d)	Width at base	32 metres
	e)	Nature of soil at site	Alluvial loam over clay
Head Ditch -	a)	Total Length	3125 metres
	b)	Maximum height	0.8 metres
	c)	Width of Top	4.9 metres
	d)	Width at base	7.2 metres
Tail Drains -	a)	Total Length	4350 metres
	b)	Maximum height	0.3 metres
	c)	Width of Top	3.1 metres
	d)	Width at base	2.5 metres
Earth Sump -	a)	Total Length	335 metres
	b)	Maximum height	3.2 metres
	c)	Width of Top	8.4 metres
	d)	Width at base	2.0 metres
Tail Water Pond -	a)	Total Length	128 metres
	b)	Maximum height	3 metres
	c)	Width of Top	4 metres
	d)	Width at base	22 metres

All tail water is to be recycled.

Period Permit Required: Indefinitely.

Advertising: Advertising was carried out in accordance with Council By-law 4, Chapter 42, with the closing date for objections set at 3 September.

Objections: One objection was received to the application as follows:-

[REDACTED] Maylingup Pastoral Co, [REDACTED] Warra

The objectors property is located adjacent to the applicants, in the Shire of Wambo. The basis of their objection is "Our land is likely to be affected in the following manner:-

Portions [REDACTED], Parish of Thorn, all have runoff water draining naturally through the low areas into the land occupied by [REDACTED] and then it moves through their property. We are anxious that this water would still continue to do this, and not take longer to drain away or be held up altogether.

In periods of flooding, most of this country is inundated by the Condamine River up to 2 metres deep.

Our other concern is that so much irrigation development is, and has been carried out a little further downstream, that non one is sure where the water will back up, or what channels it will cut to drain away.

They request that Council inspect their area of cultivation on Portion [REDACTED] Sub 1, Parish Earle, along the boundary on which has been constructed an irrigation tail water elevated drain and bank, which along with other works could/will significantly change the pattern of water flow in flood times with significant damage to their land."

Comment: The Technical Supervisor and Area Councillors will be inspecting the area prior to the Council Meeting and will further report on the contents of the objection.

Referral: The application was referred to the Department of Transport and Water Resources Commission. A response was received from the Water Resources Commission as follows:-

"The applicant has indicated the works subject to the application will be undertaken on a staged basis. Following the construction of the dam and water harvesting works, irrigation development will progressively extend from the initial development of easily commanded land to the more difficult land. It is intended that the entire property will ultimately be irrigated.

The property is significantly traversed by flood water associated with the Condamine River. However, all above ground earthworks have been planned so as not to encroach into flood flow paths. In particular, the proposed dam is located on land which is substantially free of inundation. As such, the works proposed would not be expected to impact on flooding in the area.

As a result of discussions during the inspection, the proposal for the construction of the dam might be varied to allow for the north-eastern corner of the dam to be extended northwards. This would be advantageous for commanding tail water and would also increase the capacity of the dam at insignificant additional cost. The extension would have no implications in regard to either the passage



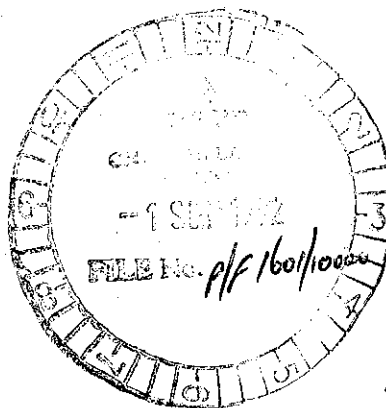
Department of
Primary Industries

Water Resources Commission

566-572 Ruthven Street, Commercial Union Centre, PO Box 3180, Town Hall, Toowoomba, Qld 4350
Telephone (076) 319 200, Facsimile (076) 329 948

Enquiries to [REDACTED]
Telephone [REDACTED]
Your reference
Our reference 23-001 :BA
Date 31 August, 1992

The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA Q 4413



11157

Dear Sir,

LEVEE BANK APPLICATION - [REDACTED]

A property inspection has been carried out in relation to the above application, as a result of which I am now able to comment as follows.

The applicant has indicated the works subject to the application will be undertaken on a staged basis. Following the construction of the dam and waterharvesting works, irrigation development will progressively extend from the initial development of easily commanded land to the more difficult land. It is intended that the entire property will ultimately be irrigated.

The property is significantly traversed by flood water associated with the Condamine River. However, all above ground earthworks have been planned so as not to encroach into flood flow paths. In particular, the proposed dam is located on land which is substantially free of inundation. As such, the works as proposed would not be expected to impact on flooding in the area.

As a result of discussions during the inspection, the proposal for the construction of the dam might be varied to allow for the north-eastern corner of the dam to be extended northwards. This would be advantageous for commanding tail water and would also increase the capacity of the dam at insignificant additional cost. The extension would have no implications in regard to either the passage of flood flows in the area or the hazard rating of the storage.

In regard to tail water, it is noted that the project has been planned to facilitate the return of drainage and tailwater to the main storage from all irrigation blocks.

It is noted that the applicants currently hold waterworks licences as necessary under the Water Resources Act in respect of particular elements of the project. These licences remain current until July, 1993, at which time the applicants may apply for renewal.

In conclusion, it is confirmed that the Commission's requirements in relation to the project have been met, and that the inspection has revealed no aspect of the project to which the Commission would raise objection.

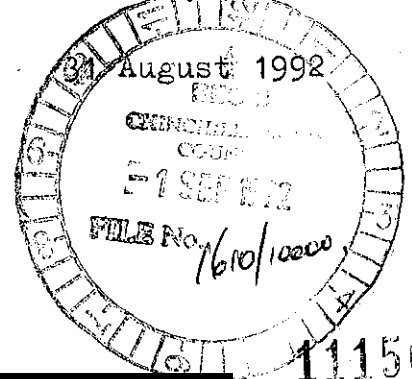
I thank Council for the opportunity to review this application and trust that the above comments will be of assistance.

Yours faithfully,


 DISTRICT MANAGER

Maylingup Pastoral Co

WARRA Q 4411



The Shire Clerk
Chinchilla Shire Council
CHINCHILLA Q 4413

Dear Sir

Re APPLICATION FOR PROPOSED EARTHWORKS OF [REDACTED]
ON THEIR PROPERTY IN PARISH EARLE FOR IRRIGATION PURPOSES

Our property in Parish of Thorn, Shire of Wambo is adjacent to land of [REDACTED] on which earthworks are proposed,

Our land is likely to be affected in the following manner -

Portions [REDACTED] Parish of Thorn, County of Lytton, all have runoff water draining naturally through the low areas into the land occupied by [REDACTED] and then it moves through their property. We are anxious that this water would still continue to do this, and not take longer to drain away or be held up altogether.

In periods of flooding, most of this country is inundated by the Condamine River up to 2 metres deep.

Our other concern is that so much irrigation development is, and has been carried out a little further downstream, that no one is sure where the water will back up, or what channels it will cut to drain away.

I am asking the Council if they would inspect our area of cultivation on Portion [REDACTED] Sub 1 Parish Earle, along the boundary of which has been constructed an irrigation tail water elevated drain and bank, which along with other works could/will significantly change the pattern of water flow in flood times with significant damage to our land.

I shall await your reply.

Yours faithfully

[REDACTED]
per MAYLINGUP PASTORAL COMPANY



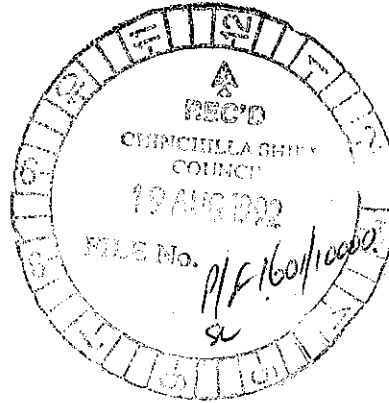
Department of
Primary Industries

Water Resources Commission

566-572 Ruthven Street, Commercial Union Centre, PO Box 3100, Town Hall, Toowoomba, Qld 4350
Telephone (076) 319 200, Facsimile (076) 329 948

Enquiries to [REDACTED]
Telephone [REDACTED]
Your reference
Our reference 23-001 :BA
Date 17 August, 1992

The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA Q 4413



11065

Dear Sir,

LEVEE BANK APPLICATION - [REDACTED]

Thank you for referring the above application to me.

As discussed with your [REDACTED] it will be necessary for an inspection of the site of the proposed works to be undertaken before I am able to provide any comment on the application.

It is anticipated that there will be a delay of about three (3) weeks before this inspection can be made. Comment will, however, be available immediately following the inspection.

I trust that this time frame will be satisfactory to Council.

Yours faithfully,

[REDACTED]
[REDACTED] DISTRICT MANAGER

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1601/1

YOUR REFERENCE

5611

10 August, 1992

The District Engineer
Queensland Transport
PO Box 645
TOOWOOMBA Q 4350

Dear Sir,

Re: Levee Bank Application

Please find enclosed herewith a copy of an application by [REDACTED] for construction of a Ring Tank and associated head ditches, tail drains etc.

Your early advices on the proposal would be appreciated.

Yours faithfully,

[REDACTED]

[REDACTED]
SHIRE CLERK

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK



IN REPLY PLEASE QUOTE

OUR REFERENCE

PF1601/1

YOUR REFERENCE

5600

7 August, 1992

Regional Manager
Water Resources Commission
PO Box [REDACTED] Town Hall
TOOWOOMBA Q 4350

Dear Sir,

Re: Levee Bank Application

Please find enclosed herewith a copy of an application by [REDACTED] for construction of a Ring Tank and associated head ditches, tail drains etc.

Your early advices on the proposal would be appreciated.

Yours faithfully,

[REDACTED]
SHIRE CLERK

CHINCHILLA SHIRE COUNCIL

NOTICE

NOTICE is hereby given that the undermentioned application for a License under the provision of Subsection (24) of Section 47 of the Local Government Act 1936-1988 has been made to the Chinchilla Shire Council.

Applicant: [REDACTED]

The owner of: Sub 2 Portion [REDACTED] & Sub 2 Resub 2 Sub 4 Portion [REDACTED] Parish of Earle.

Proposed Work: Ring tank and associated head ditches and tail drains, earth sump and tail drain pond.

A person being the owner or occupier of land likely to be affected by the licensing of the work may, in writing signed by him, and addressed to the Shire Clerk, Chinchilla Shire Council, object to such License being granted and submit in writing to the Shire Clerk the grounds for such objection.

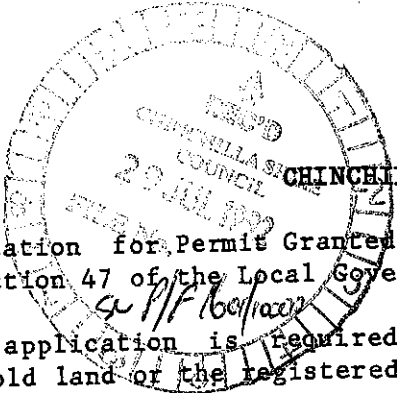
The application and plan are open to inspection at the Council's Office.

The 3rd day of September, 1992 has been appointed as the last day for the receipt of objections.

[REDACTED]
(Shire Clerk)

Civic Centre,
PO Box [REDACTED]
Chinchilla. Q. 4413

Chinchilla News - 6 & 13 August, 1992



CHINCHILLA SHIRE COUNCIL

18878

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [redacted], of "WILLOYD" WARRA, in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant: [redacted]
- (2) Postal Address: [redacted] WARRA 4411
- (3) Location of work (see also 10) County: LYTON Parish: EARLE
Real Property Description: PORTION [redacted] [redacted] (100.52 R2 Su)
Area: 199.973 ha.
- (4) Nature of Works: RING TANK AND ASSOCIATED HEAD DITCHES AND TAIL DRAINS AND EARTH SUMP AND TAIL DRAIN POND
- (5) Purpose of Work: IRRIGATION
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank _____ metres.
 - (b) Maximum height _____ metres.
 - (c) Width of top _____ metres.
 - (d) Width of base _____ metres.
 - (e) Materials of which bank will be constructed: _____
- (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? _____
- (g) Height of top of bank above highest known flood level: _____

- Particulars of work (if drain or other excavation) - RING TANK
- (a) Total length _____ metres. 1000 CREST.
 - (b) Maximum depth HEIGHT _____ metres. 7
 - (c) Width of top _____ metres. 4
 - (d) Width at base _____ metres. 32
 - (e) State nature of soil at site: ALLUVIAL LOAM OVER CLAY.

31.7.92

SEE APPENDIX OVER LEAF

REC 27/5/92
28.7.92

- (8) Provision for preventing injury to other land arising from proposed work: SELF CONTAINED. ALL TAIL WATER TO BE RECYCLED.
- (9) Period for which permit is required: INDEFINITELY
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any) direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the sum of _____ being the required application fee.

Date: 28-7-92

Signature of Applicant: _____

APPENDIX

(12) HEAD DITCH.

meters.

- | | |
|--------------------|------|
| (a) TOTAL LENGTH | 3125 |
| (b) MAXIMUM HEIGHT | 0.8 |
| (c) WIDTH OF TOP | 4.9 |
| (d) WIDTH AT BASE | 7.2 |

(13) TAIL DRAINS

- | | |
|-------------------|------|
| (a) TOTAL LENGTH | 4350 |
| (b) MAXIMUM DEPTH | 0.3 |
| (c) WIDTH OF TOP | 3.10 |
| (d) WIDTH OF BASE | 2.5 |

(14) EARTH SUMP.

- | | |
|-------------------|-----|
| (a) TOTAL LENGTH | 335 |
| (b) MAXIMUM DEPTH | 3.2 |
| (c) WIDTH OF TOP | 8.4 |
| (d) WIDTH OF BASE | 2.0 |

(15) TAIL WATER POND.

- | | |
|--------------------|-----|
| (a) TOTAL LENGTH | 128 |
| (b) MAXIMUM HEIGHT | 3 |
| (c) WIDTH OF TOP | 4 |
| (d) WIDTH OF BASE | 22 |

WATERWORKS LICENCE

Name and Address of Licensee

[REDACTED]
WARRA QLD 4411

License Number **A 47678** Expiry Date **31/7/1993** File Number **WL 497**

Description of Works

AN EARTH DAM WITH THE FOLLOWING DIMENSIONS:

HEIGHT TO TOP. 7.0 m
BASE WIDTH.... 10.0 m
CREST WIDTH... 4.0 m
CREST LENGTH.. 1000 m CAPACITY.....300 ML

Location of Works

Description

Parish

County

[REDACTED]
**EARLE
LYTTON**

Supply

Name of Watercourse **NOT ON A WATERCOURSE**

Purpose of Works **IRRIGATION**

Date of Original Issue **25/7/1988**

It is the licensee's responsibility to apply for renewal of this Licence before it expires, in the absence of the Commissioner sending an expiry notice.

This Licence is issued under the Water Resources Act 1989 -1990 and is subject to the terms set out hereon or attached hereto.

Issued at **TOOWOOMBA** this **TENTH** day of **JULY** **1991**

[REDACTED]
for **COMMISSIONER OF WATER RESOURCES**

WATERWORKS LICENCE

Name and Address of Licensee

[REDACTED]
WARRA QLD 4411

Licence Number **A 47677** Expiry Date **31/7/1993** File Number **WL 497**

Description of Works **75 MILLIMETRE CENTRIFUGAL PUMP CAPABLE OF PUMPING A
MAXIMUM OF ___ LITRES PER SECOND AGAINST ___ METRES HEAD.**

Location of Works
Description [REDACTED]
Parish **EARLE**
County **LYTTON**

Supply
Description (a) [REDACTED] (b) [REDACTED]
Parish (a) **EARLE** (b) **THORN**
County (a) **LYTTON** (b) **LYTTON**

Name of Watercourse **CONDAMINE RIVER**
Purpose of Works **IRRIGATION**
Area to be Irrigated **40 HECTARES**
Crop to be Irrigated **LUCERNE & MISCELLANEOUS GRAIN CROPS**
Date of Original Issue **25/7/1988**

It is the licensee's responsibility to apply for renewal of this Licence before it expires,
in respect of the Commissioner sending an expiry notice.

This Licence is issued under the Water Resources Act 1989 ⁻¹⁹⁹⁰ and is subject to the terms
enforced hereon or attached hereto.

Issued at **TOOWOOMBA** this **TENTH** day of
JULY **1991**

[REDACTED]
for COMMISSIONER OF WATER RESOURCES



WATERWORKS LICENCE

Name and Address of Licensee

[REDACTED]
WARRA QLD 4411

Licence Number **A 47676** Expiry Date **31/7/1993** File Number **WL 497**

Description of Works
**300 MILLIMETRE MIXED FLOW VOLUTE PUMP CAPABLE OF PUMPING A
MAXIMUM OF ___ LITRES PER SECOND AGAINST ___ METRES HEAD.**

Location of Works
Description [REDACTED]
Parish **EARLE**
County **LYTTON**

Supply
Description (a) [REDACTED] (b) [REDACTED]
Parish (a) **EARLE** (b) **THORN**
County (a) **LYTTON** (b) **LYTTON**

Name of Watercourse **CONDAMINE RIVER**
Purpose of Works **WATERHARVESTING**

Date of Original Issue **25/7/1988**

is the licensee's responsibility to apply for renewal of this Licence before it expires,
respective of the Commissioner sending an expiry notice.

is Licence is issued under the Water Resources Act 1989 -1990 and is subject to the terms
incorporated hereon or attached hereto.

issued at **TOOWOOMBA** this **TENTH** day of
JULY **1991**

WATERWORKS LICENCE

Name and Address of Licensee

[REDACTED]
WARRA QLD 4411

Licence Number **A 47675** Expiry Date **31/7/1993** File Number **WL 497**

Description of Works
**300 MILLIMETRE MIXED FLOW VOLUTE PUMP CAPABLE OF PUMPING A
MAXIMUM OF ___ LITRES PER SECOND AGAINST ___ METRES HEAD.**

Location of Works
Description [REDACTED]
Parish **EARLE**
County **LYTTON**

Supply
Description (a) [REDACTED] (b) [REDACTED]
Parish (a) **EARLE** (b) **THORN**
County (a) **LYTTON** (b) **LYTTON**

Name of Watercourse **CONDAMINE RIVER**
Purpose of Works **WATERHARVESTING**

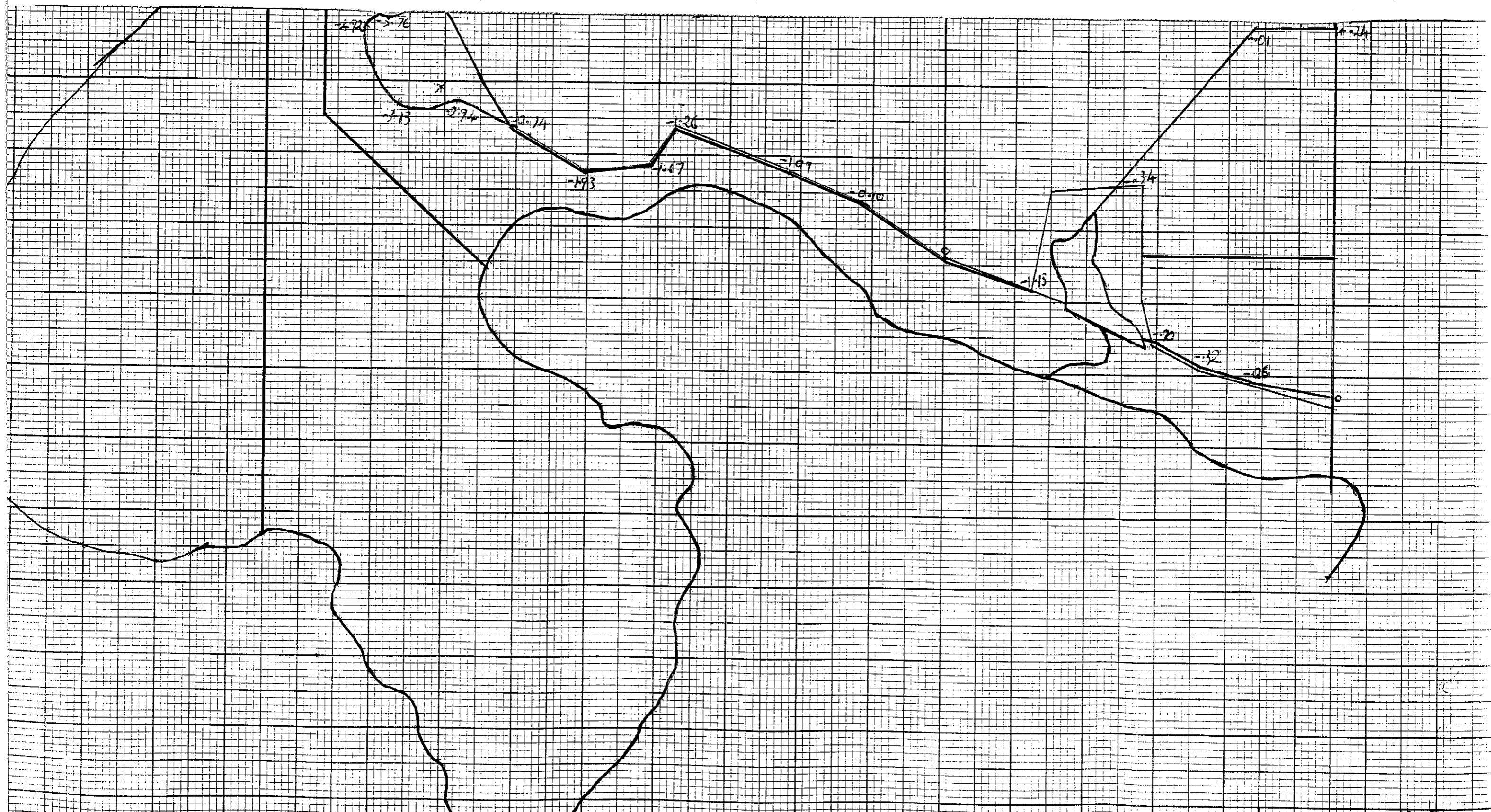
Date of Original Issue **25/7/1988**

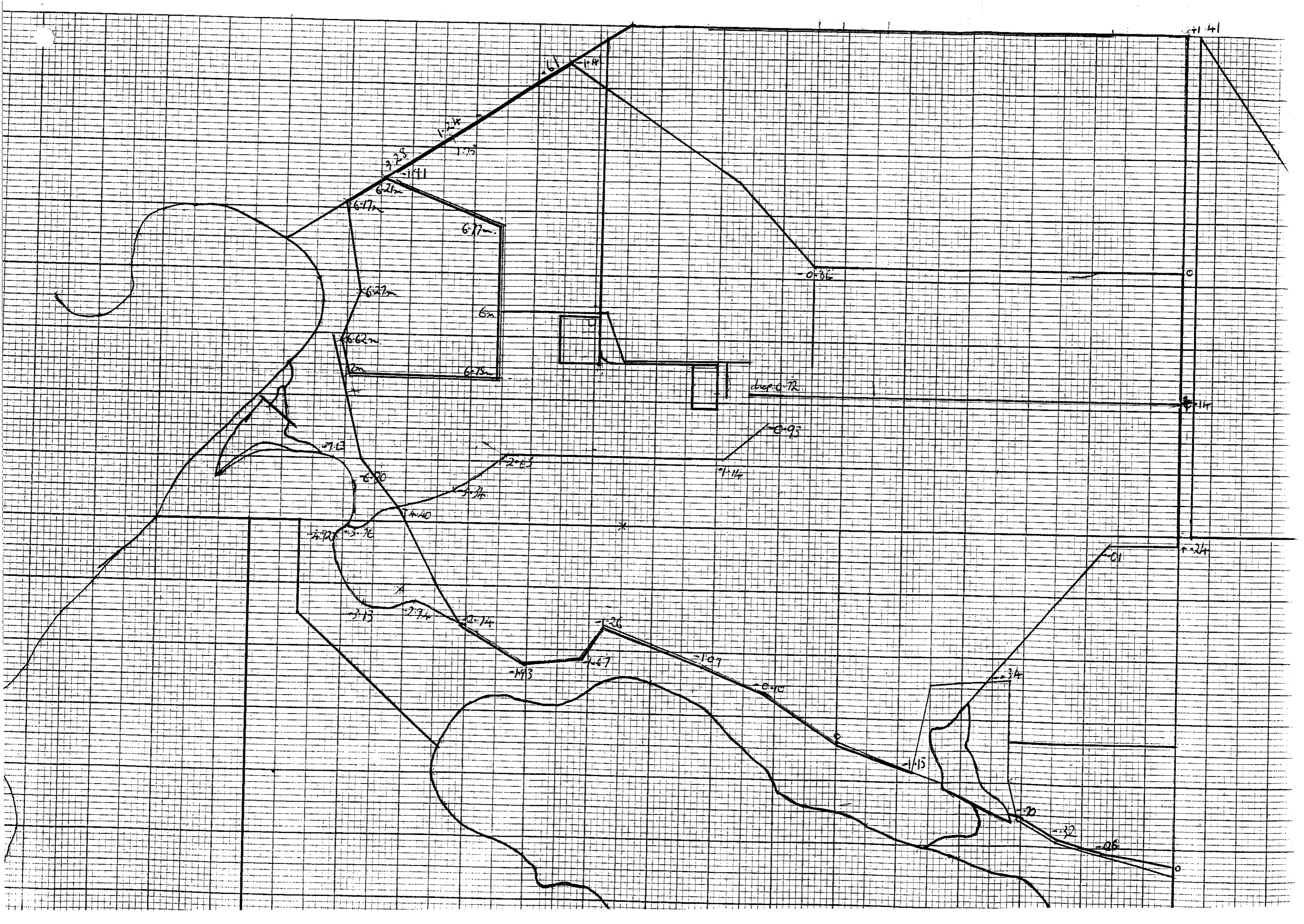
It is the licensee's responsibility to apply for renewal of this Licence before it expires,
independent of the Commissioner sending an expiry notice.

This Licence is issued under the Water Resources Act 1989 -1990 and is subject to the terms
endorsed hereon or attached hereto.

Issued at **TOOWOOMBA** this **TENTH** day of
JULY 1991 [REDACTED]

for COMMISSIONER OF WATER RESOURCES





CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF1601/1

Our Ref: EH:SH

Your Ref:

21 August, 1998

ENTERED
IN INDEX

[REDACTED]
"Warra Warra"
[REDACTED]

WARRA Q 4411

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your recent application for approval to construct a cell extension to an existing ring tank water storage on land described as Lot 2 on RP54541, Parish of Earle.

I wish to advise that approval has been granted subject to the following:-

- i) That the initial approval be for a period of 5 years with provision for Council to extend approval for periods determined by Council at the time provided there are no problems arising as a result of the works.
- ii) That the application approved by Council in September 1992 for irrigation head ditches, tail drains and channels in the name of [REDACTED] be approved in the name of [REDACTED] for a period of 5 years in accordance with i) above.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 538 of the Local Government Act, a copy of which is attached.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

BC Sudholz Pty Ltd
PO Box 883
GOONDIWINDI Q 4390

[REDACTED]
.....
CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF1601/1

Our Ref: EH:SH

Your Ref:

21 August, 1998

[REDACTED]

"Warra Warra"

[REDACTED]

WARRA Q 4411

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your recent application for approval to construct a cell extension to an existing ring tank water storage on land described as Lot 2 on [REDACTED], Parish of Barle.

I wish to advise that approval has been granted subject to the following:-

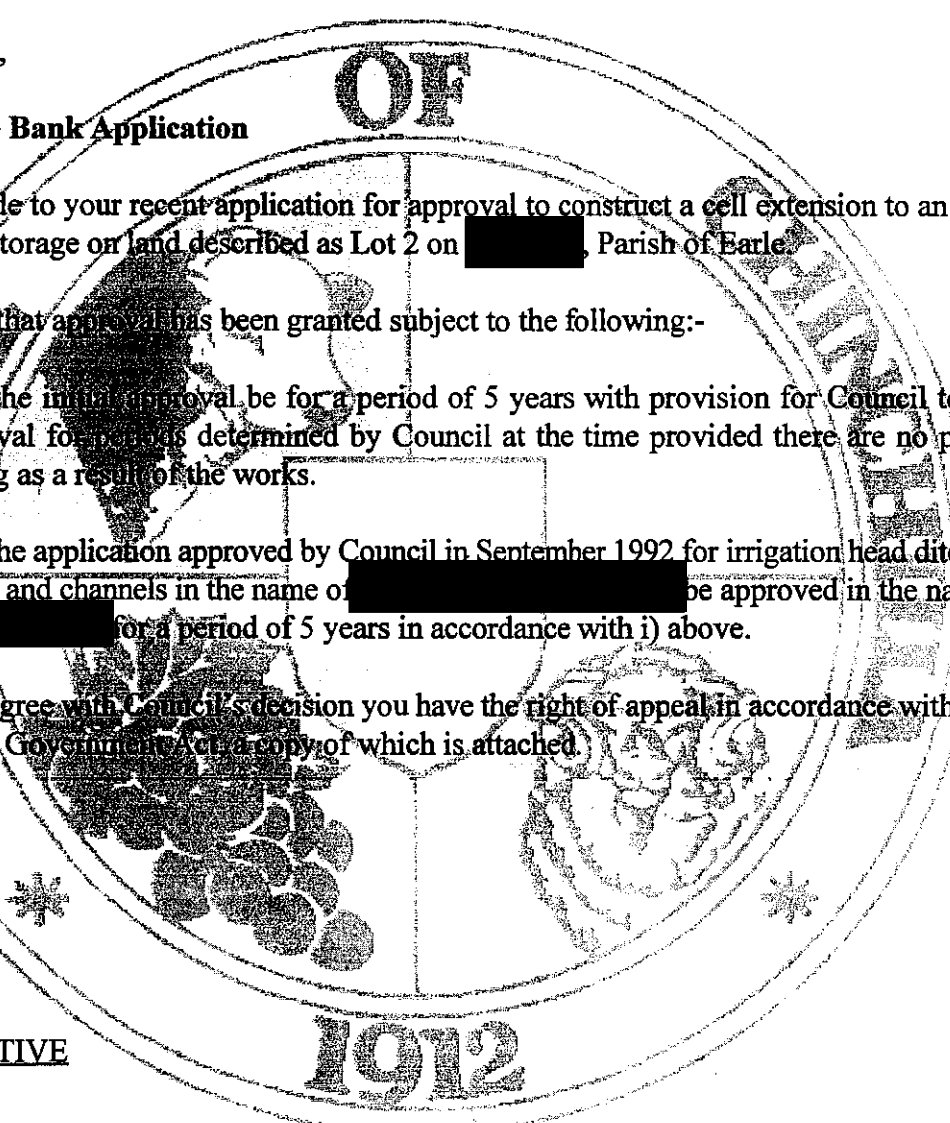
- i) That the initial approval be for a period of 5 years with provision for Council to extend approval for periods determined by Council at the time provided there are no problems arising as a result of the works.
- ii) That the application approved by Council in September 1992 for irrigation head ditches, tail drains and channels in the name of [REDACTED] be approved in the name of [REDACTED] for a period of 5 years in accordance with i) above.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 538 of the Local Government Act a copy of which is attached.

Yours faithfully,

[REDACTED]

CHIEF EXECUTIVE



commit the offence, the person commits a continuing offence.

Maximum penalty—1 penalty unit for each day on which the offence is continued.

Division 3—Appeals

Appeal against local government's decision

538.(1) An appeal tribunal for hearing and deciding appeals against decisions of a local government on an application is formed by the chief executive of the department within which the *Water Resources Act 1989* is administered or that chief executive's delegate.

(2) A person aggrieved by a decision of a local government on an application may appeal to an appeal tribunal.

(3) The appeal must be started within 30 days after the person aggrieved is given written notice of the decision.

(4) The appeal is started by the person filing a notice of appeal with the chief executive mentioned in subsection (1) and giving a copy of the notice to the local government.

(5) As soon as practicable after the appeal is started, the chief executive officer of the local government must inform the chief executive mentioned in subsection (1) of the persons, other than the appellant, who made the application and who made submissions on the application.

(6) The person who is to form the appeal tribunal on the appeal must inform the appellant, the local government, and the persons mentioned in subsection (5) of the day, time and place for hearing of the appeal.

Decision on appeal

539.(1) An appeal tribunal may—

- (a) dismiss an appeal and confirm the decision of the local government; or
- (b) allow the appeal, set aside the decision of the local government and substitute the decision it considers should have been made on

CHINCHILLA SHIRE COUNCIL

ENTERED
IN INDEX

A Vital Friendly Shire

In Reply Please Quote: PE28327F
P/K 1601/1

Our Ref: EH:SH
Your Ref:

17 July, 1998

[REDACTED]
CHINCHILLA Q 4413

[REDACTED]
"WARRA WARRA"
WARRA 4411

Dear Sir/Madam,

Re: **Levee Bank Application**

Reference is made to your recent application for approval to ^{CONSTRUCT A CREEK EXTENSION TO AN} ~~construct an earthen dam and bywash~~
^{EXISTING RING POND WITH WASH STRIP} system on land described as Lot 2 on [REDACTED] Parish of ^{EARLE} ~~Logie~~.

I wish to advise that approval has been granted subject to the following:-

- i) That the initial be for a period of 5 years with provision for Council to extend approval for periods determined by Council at the time provided there are no problems arising as a result of the works.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 538 of the Local Government Act, a copy of which is attached.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

**CHIEF EXECUTIVE'S LEVEE BANK REPORT
TO THE GENERAL MEETING HELD ON 20 AUGUST 1998**

12 August 1998

Mayor and Councillors
Chinchilla Shire Council
CHINCHILLA Q 4413

Councillors,

1. **Levee Bank Application** - [REDACTED] - (PF1601/1)

Applicant: [REDACTED]

Land Description: The land is described as Lot 2 on [REDACTED] Parish of Earle.

Land Owner: The land is owned by [REDACTED]

Tenure of Land: Lot 2 is freehold land.

Nature of Works: Cell extension to existing ring tank water storage.

Purpose of Works: Water storage for irrigation

Permit Period required: 10 Years

Advertising: The application has been advertised on 25 June and 02 July, 1998 in accordance with Section 534 (2) (b) of the Local Government Act 1993 and Council's Local Law No. 42, calling for support or objections to the proposal closing with Council on July 24, 1998.

Support or Objections: At the close of the advertising period, there were no letters of support or objections to the proposal.

Consultation: The proposal has not been inspected by Council's Technical Supervisor who advises that there will be no effect on Council's infrastructure and that he is familiar with the area.

The Department of Natural Resources have not inspected the proposal at this stage, however a copy of the Plans have been supplied to the Department for comment. To date there has been no comment.

Copies of Plans are appended for Councillors information.

An on site meeting of the Levee Bank Committee was not thought warranted as the proposal was actually an extension of an existing approved structure with no levee banks, irrigation channels or tailwater involved as the irrigation project has previously been approved to the previous owners [REDACTED]

Recommendation: The proposal is placed before Council for consideration and I would recommend approval on the following conditions:-

- i) That the initial approval be for a period of 5 years with provision for Council to extend approval for periods determined by Council at the time provided there are no problems arising as a result of the works.
- ii) That the application approved by Council in September 1992 for irrigation head ditches, tail drains and channells in the name of [REDACTED] be renamed in the name of [REDACTED] for a period of 5 years in accordance with i) above.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

25/06/98

Form 7
Integrated Planning Act 1997
PUBLIC NOTICE OF DEVELOPMENT APPLICATION

PLANNING SCHEME FOR THE CHINCHILLA SHIRE COUNCIL
Proposal: Special use - Burstow Lodge; Applicant: Trustees Burstow Lodge; On land at: Corner of Wambo, Church and Boyd Street, Chinchilla; Property Description: Lot 2 on RP73869 parish of Chinchilla.

The application can be viewed at the office of Chinchilla Shire Council, 80-86 Heenev Street, Chinchilla.

Any person may, on or before July 16, 1998 make a signed written submission to: The Chief Executive, Chinchilla Shire Council, PO Box 42, Chinchilla Q 4413.

CHINCHILLA SHIRE COUNCIL FLAT FOR RENT

Applications, from suitably qualified persons are invited for occupancy of a Flat on the corner of North and Wambo Streets, Chinchilla.

The Flat is classed as Accommodation for Youth and residency can commence immediately.

Rental will be means tested in accordance with Department of Housing guidelines.

Application forms are available at the Council Office.

ED HOFFMANN,
Chief Executive Officer,
PO Box 42, Chinchilla Q 4413.

CHINCHILLA SHIRE COUNCIL CONSTRUCTION OF BANKS

Notice is hereby given that the undermentioned application for a licence under the provision of Section 534 of the Local Government Act 1993 has been made to Council.

Applicant: B and H Hayward, "Warra Warra", MS 268, Warra. The owners of Lot 2 on RP54541, Parish of Earle.

Proposed Works: Construction of Cell Extension to existing Earthen Dam Water Storage for the purpose of Water Storage for Irrigation.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and addressed to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on by the objector in support of the objection.

The application and plans are open to inspection at the Council Office and the last day appointed for the receipt of objections is July 24, 1998.

ED HOFFMANN,
Chief Executive,
PO Box 42,
Chinchilla Q 4413.

22/07/98

Form 7
Integrated Planning Act 1997
PUBLIC NOTICE OF DEVELOPMENT APPLICATION

PLANNING SCHEME FOR CHINCHILLA SHIRE COUNCIL
Proposal: Establish shop - fruit and vegetables; Applicant: Mr Brian Roberts; On land at: Campbell Street, Brigalow 4412; Property description: Lot 1 on RP52620; Parish of: Earle.

The application can be viewed at the office of Chinchilla Shire Council, 80-86 Heenev Street, Chinchilla.

Any person may, on or before July 24, 1998 make a signed written submission to: The Chief Executive, Chinchilla Shire Council, PO Box 42, Chinchilla 4413.

CHINCHILLA SHIRE COUNCIL CONSTRUCTION OF BANKS

Notice is hereby given that the undermentioned application for a licence under the provision of Section 534 of the Local Government Act 1993 has been made to Council.

Applicant: B and H Hayward, "Warra Warra", MS 268, Warra. The owners of Lot 2 on RP54541, Parish of Earle.

Proposed Works: Construction of Cell Extension to existing Earthen Dam Water Storage for the purpose of Water Storage for Irrigation.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and addressed to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on by the objector in support of the objection.

The application and plans are open to inspection at the Council Office and the last day appointed for the receipt of objections is July 24, 1998.

ED HOFFMANN,
Chief Executive,
PO Box 42,
Chinchilla Q 4413.

21/07/98

CHINCHILLA ECONOMIC and TOURISM DEVELOPMENT ASSOCIATION INC. ECONOMIC DEVELOPMENT OFFICER

The Chinchilla Economic and Tourism Development Association is calling applications for the position of Economic Development Officer to formulate and implement strategies that will facilitate the development and implementation of programs which foster a broader economic base for the shires of Chinchilla and Tara.

The position is funded for 52 weeks; however subsequent employment would depend on the outcomes.

A salary package up to \$40,000 negotiable on the applicants suitability to the selection criteria.

Chinchilla and Tara are friendly, progressive shires located 3 hours from Brisbane on the Western Downs, offering broad and interesting work experience for an energetic development officer.

A detailed position description and selection criteria can be obtained by contacting Ed Hoffmann (07-4662 7056).

Applications addressed to Chinchilla Economic and Development Association, PO Box 406, Chinchilla close at 5pm on Friday, July 24, 1998.

Form 7
Integrated Planning Act 1997
Public Notice of Development Application

PLANNING SCHEME FOR CHINCHILLA SHIRE COUNCIL

Proposal: Establish a Caretakers residence. Applicant: Chinchilla Shire Council. On land at: Chinchilla Aerodrome. Property Description: Lot 185 on LY920 Parish of Chinchilla.

The application can be viewed at the office of Chinchilla Shire Council, 80-86 Heenev Street, Chinchilla.

Any person may, on or before July 31, 1998 make a signed written submission to: The Chief Executive, Chinchilla Shire Council, PO Box 42, Chinchilla 4413.

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF1601/1

Our Ref: EH:SH

Your Ref:

21 July, 1998

[REDACTED]
Soil Conservation Officer
Department of Natural Resources
PO Box 273
CHINCHILLA Q 4413

Dear [REDACTED]

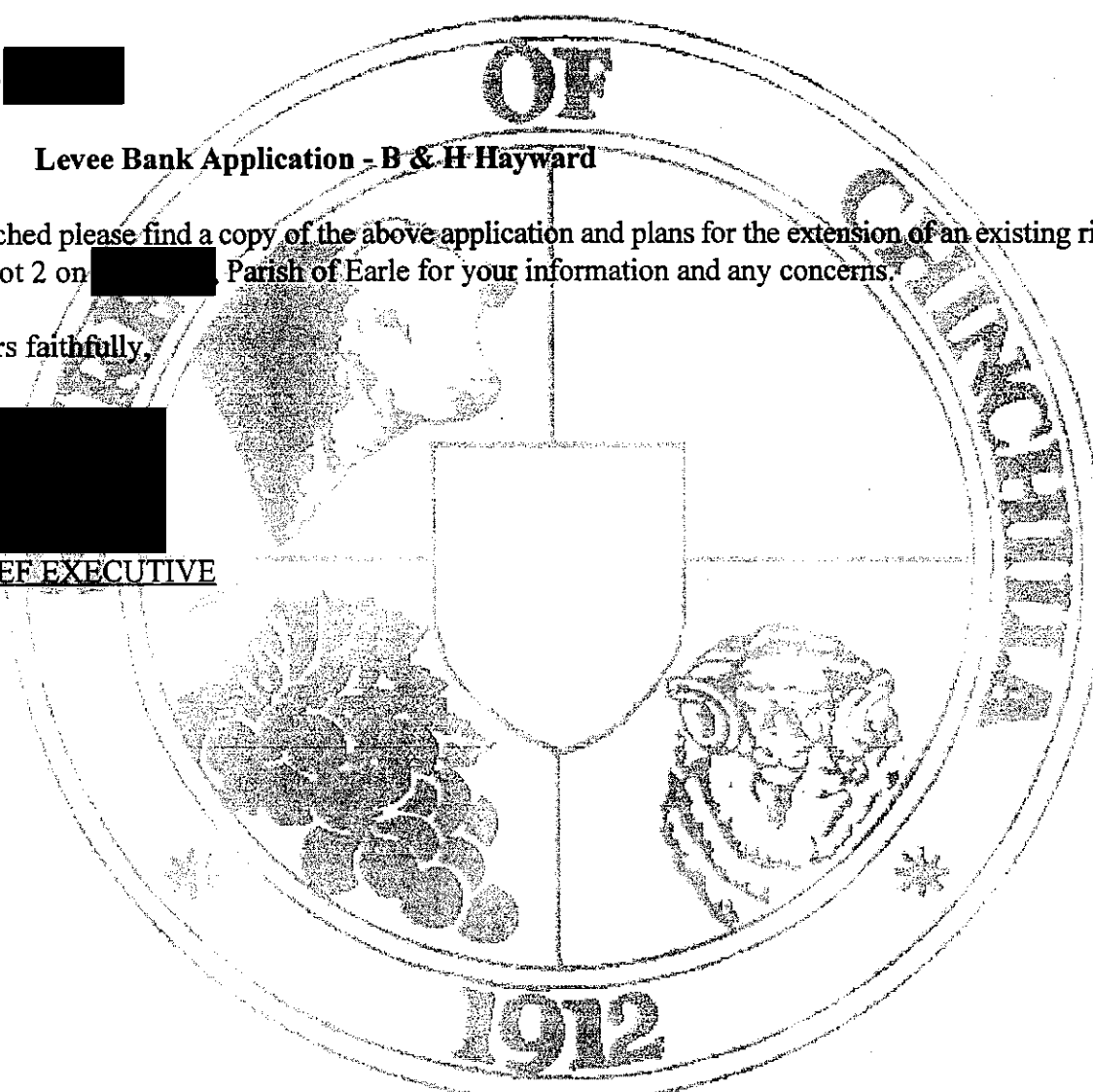
Re: Levee Bank Application - B & H Hayward

Attached please find a copy of the above application and plans for the extension of an existing ringtank on Lot 2 on [REDACTED] Parish of Earle for your information and any concerns.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

Enc.



This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED] of "WARRA WARRA" WARRA.
in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

(1) Name of Applicant [REDACTED]

(2) Postal Address [REDACTED] WARRA 4411

(3) Location of work (see also 10) Country LYTTON Parish EARLE

Real Property Description SUB 2 RESUB [REDACTED] SUB 4 PORTION [REDACTED]

Area 109.728 ha

(4) Nature of Works

CELL EXTENSION TO EXISTING RING TANK WATER STORAGE.

(5) Purpose of Work WATER STORAGE FOR IRRIGATION

(6) Particulars of Work (if levee bank) -

(a) Total length of levee bank 900 metres

(b) Maximum height 7.0 metres

(c) Width of top 5.0 metres

(d) Width of base 54 metres

(e) Materials of which bank will be constructed COMPACTED CLAY

(f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? N/A

(g) Height of top of bank above highest known flood level 5.5m

(7) Particulars of work (if drain or other excavation)

(a) Total length metres

(b) Maximum depth metres

(c) Width of top metres

(d) Width at base metres

(e) State nature of soil at site

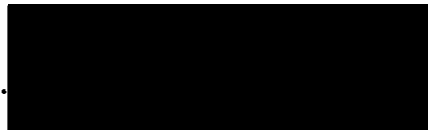
2.4m = 900

- (8) Provision for preventing injury to other land arising from proposed work *No INJURY ENVISAGED*
WORKS ENCIRCLE A HIGHER AREA ABOVE FLOOD HEIGHT
- (9) Period for which permit is required *10 YEARS*
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date *11-6-98*

Signature of Applicant



Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

- 1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

Date 11-6-98

Signature of Applicant

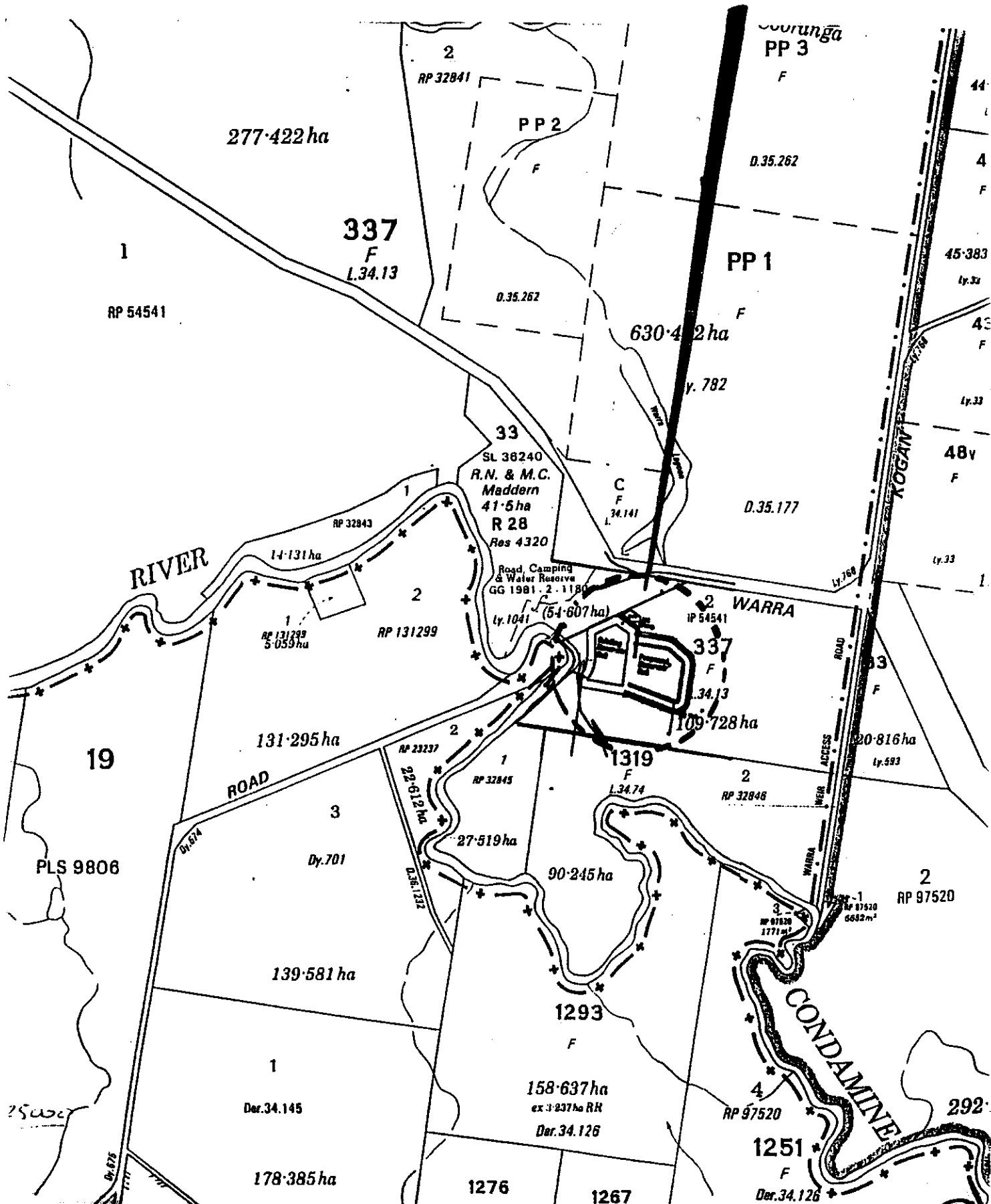


PROPOSED RESERVOIR EXTENSION FOR 'WILLOYD'

WARRA.

Scale 1:25000

POSITION OF WORKS

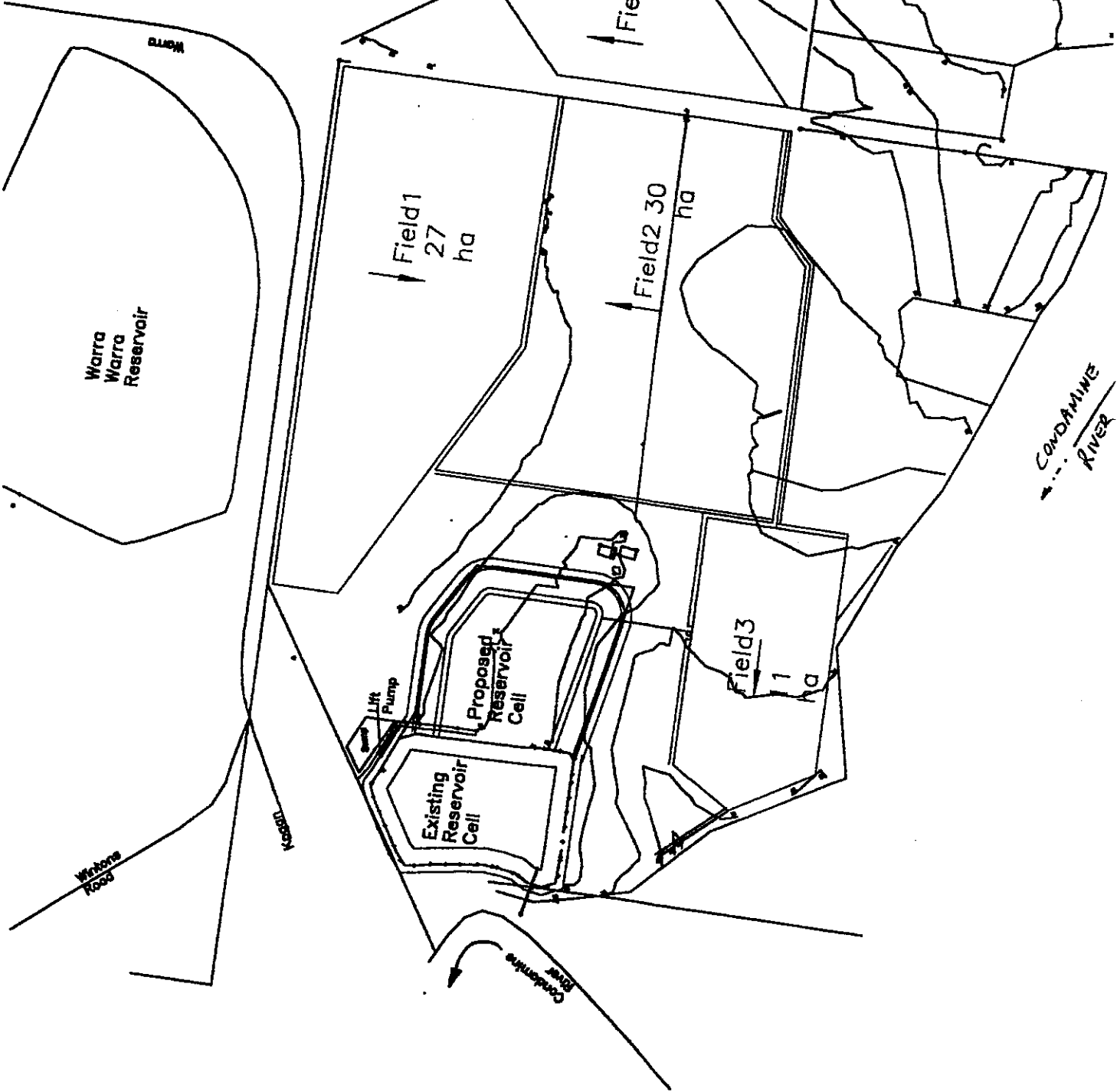


3-6-92

WILLOYA
PROPOSED LAYOUT.

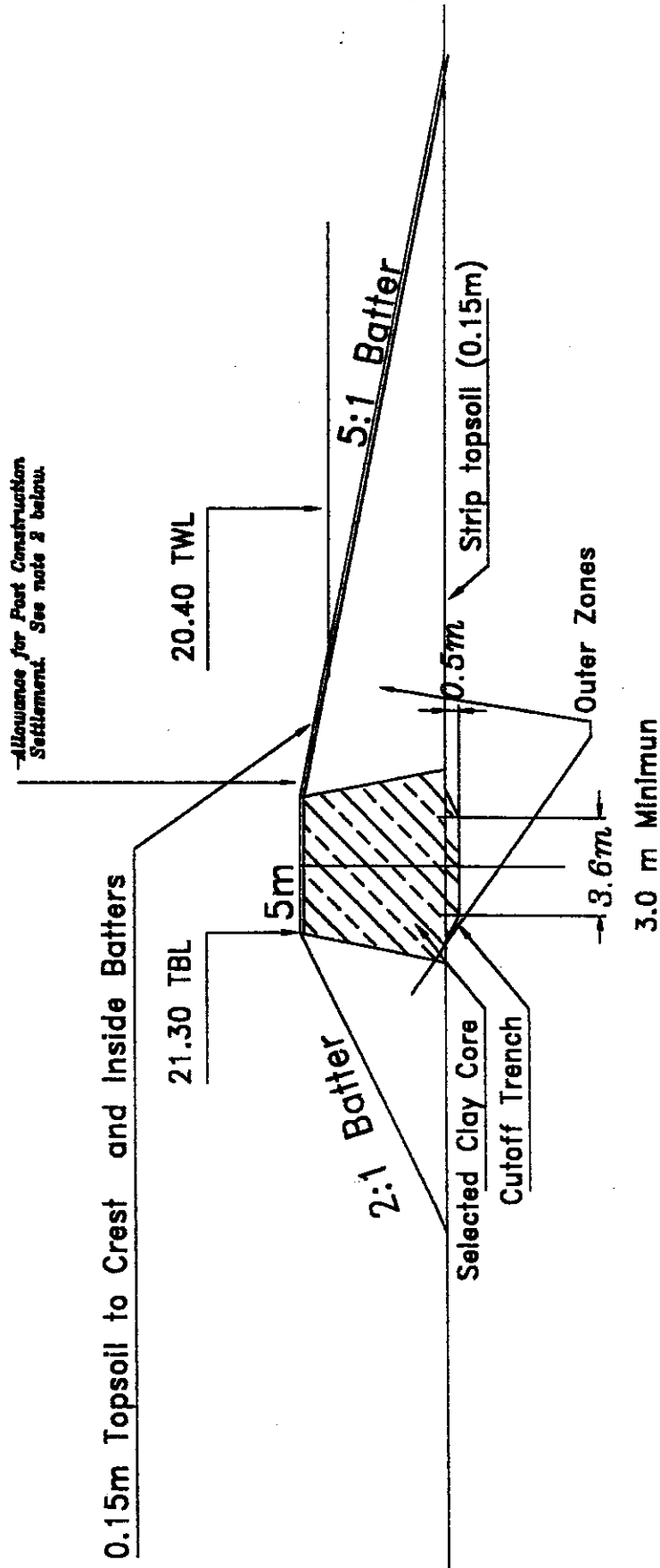


SCALE 1:10000



PROPOSED RESERVOIR EMBANKMENT

10-6-98



Typical X-Section

Notes

1. Cut-off to extend at least 500 mm into natural clay zone and to be backfilled with well compacted clay. Final Depth to be determined on site
2. Embankment to be built to construction crest level, this being 5% higher than design crest level shown to allow for post construction settlement.

COPY FAXED

CHINCHILLA SHIRE COUNCIL

CONSTRUCTION OF BANKS

Notice is hereby given that the undermentioned application for a licence under the provision of Section 534 of the Local Government Act 1993 has been made to Council.

Applicant: [REDACTED] "Warra Warra" [REDACTED] Warra.

The owners of Lot 2 on [REDACTED], Parish of Earle.

Proposed Works: Construction of Cell Extension to existing Earthen Dam Water Storage for the purpose of Water Storage for Irrigation.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and address to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on by the objector in support of the objection.

The application and plans are open to inspection at the Council Office and the last day appointed for the receipt of objections is July 24, 1998.

[REDACTED]
CHIEF EXECUTIVE

PO Box [REDACTED]
CHINCHILLA Q 4413

Chinchilla News - 25 June 1998
1 July 1998

3/10/1302.



SUDHOLZ

PTY LTD A.C.N. 009 989 968
34 Lagoon Street
PO Box 883
Goondiwindi Qld 4390
Phone 711044
Fax (076) 712022

**GENERAL CONSTRUCTION
ENGINEERING DESIGN**

15/06/98

*P/A 1601/1
etc.*

**ENTERED
IN INDEX**

**CHIEF EXECUTIVE
CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413**

Dear [REDACTED]

Re: Levee Bank Application for Works at "Willoyd" Warra for [REDACTED]

Please find enclosed application and fee for extension works proposed for the ring tank storage on "Willoyd". The proposed works as shown on the plans will join to the existing storage on the eastern side encircling the higher country and therefore should have no major implications on the floodplain. The existing storage recently breached to the east. Therefore the new cell as well as augmenting the storage capacity, it will also secure the existing cell. It is planned to refurbish the remainder of the existing embankment during construction to further secure the entire works.

The new cell will take in the "Willoyd" residence. The house and all amenities will be removed prior to final commissioning.

Further applications will be made in the near future regarding minor layout changes to the irrigation fields.

Please contact Brian or myself should you require further information.

Yours faithfully,

[REDACTED]

Sudholz Pty Ltd
Per [REDACTED] (Agric.) ; RPEQ [REDACTED]
(Senior Engineer)

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED] of "WARRA WARRA" WARRA.
in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

(1) Name of Applicant [REDACTED]

(2) Postal Address MS [REDACTED] WARRA 4411

(3) Location of work (see also 10) Country LYTTON Parish EARLE

Real Property Description SUB 2 RESUB [REDACTED] SUB 4 PORTION [REDACTED]
Area 109.728 ha

(4) Nature of Works
CELL EXTENSION TO EXISTING RING TANK WATER STORAGE.

(5) Purpose of Work WATER STORAGE FOR IRRIGATION

(6) Particulars of Work (if levee bank) -

(a) Total length of levee bank 900 metres

(b) Maximum height 7.0 metres

(c) Width of top 5.0 metres

(d) Width of base 54 metres

(e) Materials of which bank will be constructed COMPACTED CLAY

(f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? N/A

(g) Height of top of bank above highest known flood level 5.5m

(7) Particulars of work (if drain or other excavation)

(a) Total length metres

(b) Maximum depth metres

(c) Width of top metres

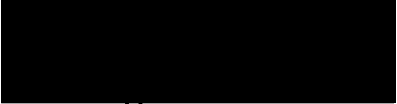
(d) Width at base metres

(e) State nature of soil at site

- (8) Provision for preventing injury to other land arising from proposed work NO INJURY ENVISAGED
WORKS ENCIRCLE A HIGHER AREA ABOVE FLOOD HEIGHT.
- (9) Period for which permit is required 10 YEARS
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date 11-6-98

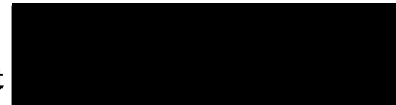
Signature of Applicant . 

Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

- 1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

Date 11-6-98

Signature of Applicant



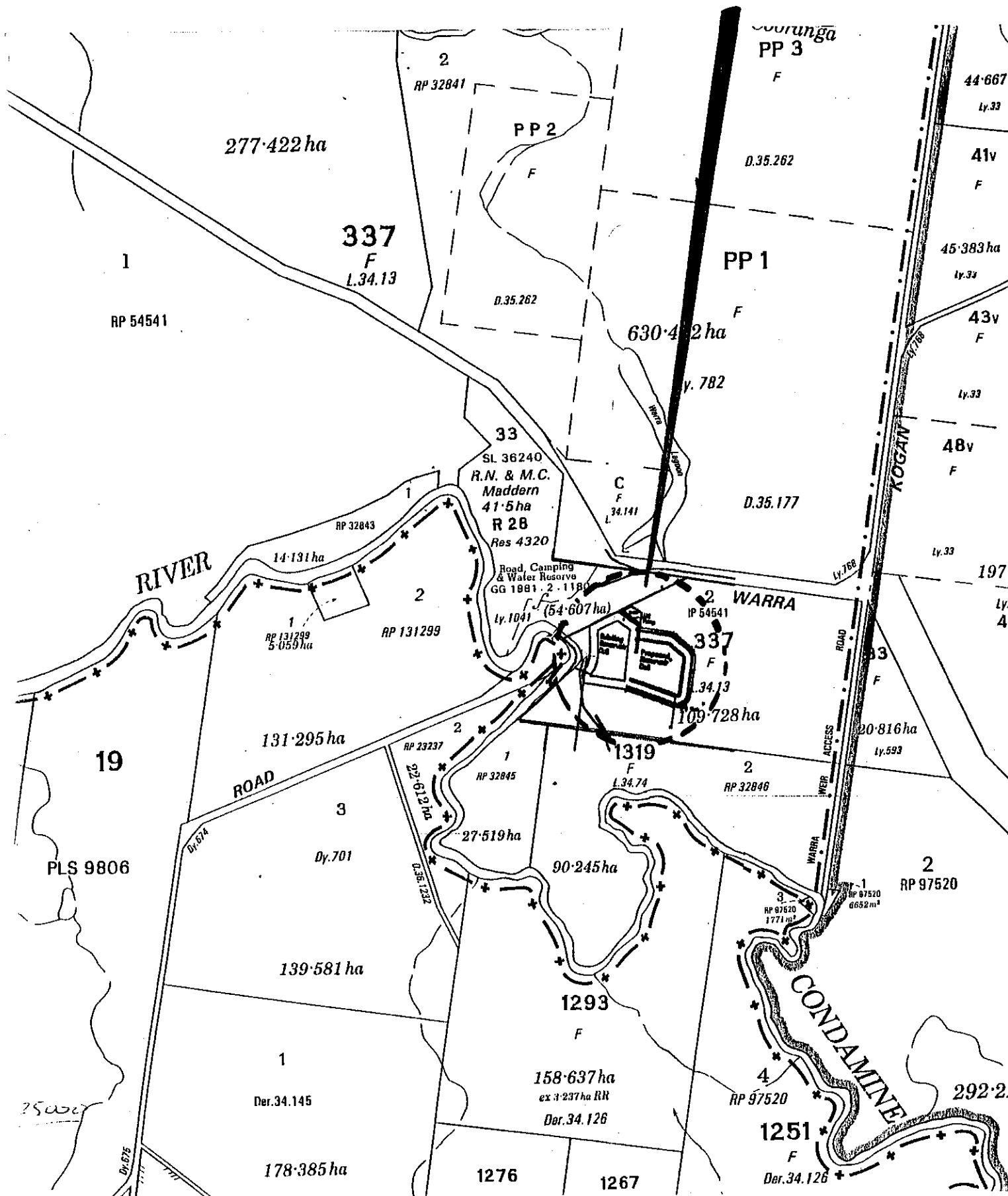
PROPOSED RESERVOIR EXTENSION FOR "WILLOYD"



WARRA.

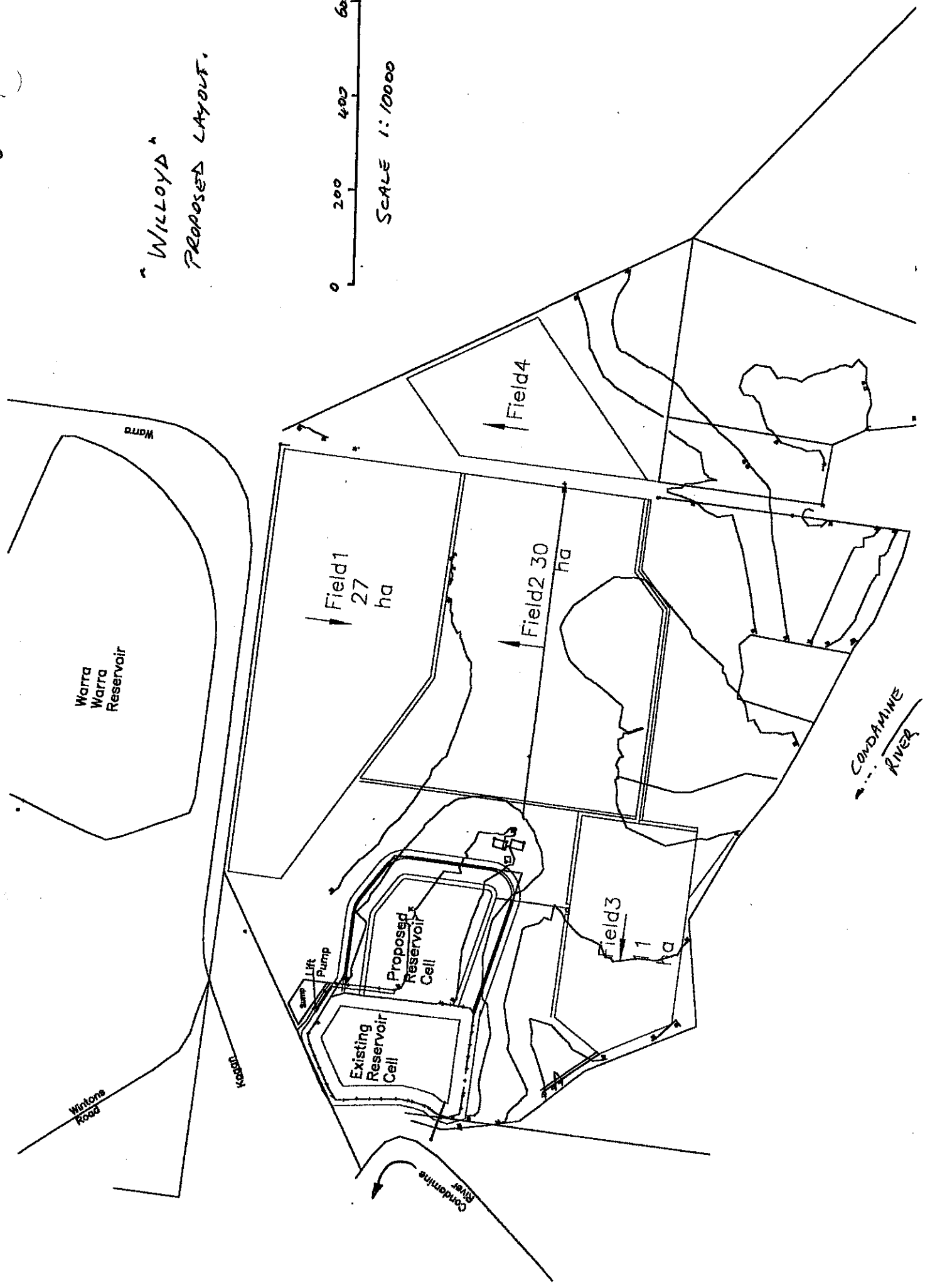
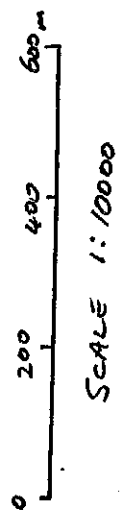
Scale 1:25000

POSITION OF WORKS



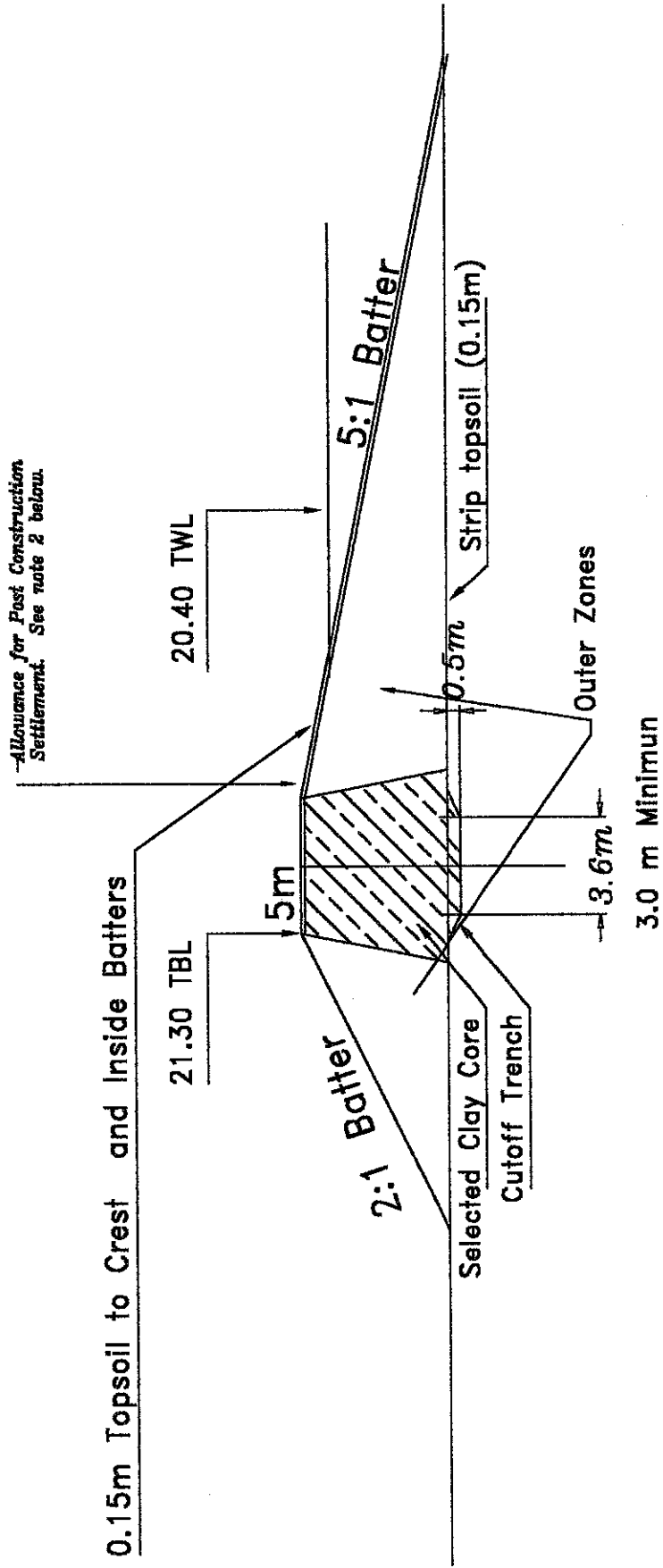
3-6-90

WILLOYA
PROPOSED LAYOUT.



PROPOSED RESERVOIR EMBANKMENT

10-6-98



Typical X-Section

Notes

1. Cutoff-off to extend at least 500 mm into natural clay zone and to be backfilled with well compacted clay. Final Depth to be determined on site
2. Embankment to be built to construction crest level, this being 5% higher than design crest level shown to allow for post construction settlement.

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF1600

A Vital Friendly Shire

Our Ref: EH:NB

Your Ref:

21 November 2000

[REDACTED]
'Warra Warra'
WARRA Q 4411

ENTERED
IN INDEX

Dear Sir,

Re: Levee Bank Application

Reference is made to your applications for approval for the construction of the following: _

- i) An Earthen Tailwater and Storage Dam for the storage of water harvested under Licence No 947670 and the collection of tailwater required by Cotton Best Management Practises on land described as Lot 3 on [REDACTED] and Lot 1 on Plan LY [REDACTED], Parish of Earle.
- ii) Additional irrigation area and tail water return system on land described as Lot 1 on [REDACTED] parish of Earle to operate in conjunction with application i).

I wish to advise that the application was considered by Council at the general meeting held on 16 November 2000, and that approval in accordance with Section 937 of the Local Government Act and Council's Local Law No 42 – Levee Banks was granted for the construction of storages (50ML sump and 600ML dam and extra irrigation as above in accordance with plans submitted for the purpose of harvesting water and tailwater return system subject to the following conditions:-

- i) That approval be granted on the works for a period of two (2) years with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as result of the works.
- ii) Construction of the works shall be commenced within twelve (12) months of the date of the fulfilment of conditions and be completed within two (2) years of that date.
- iii) That the construction of the works on the allotment shall be in accordance with the submitted Engineering construction report and sound engineering guidelines.
- iv) Agricultural practises on the land shall be in accordance with industry best practices.
- v) That the applicant be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on lot 3 RP [REDACTED] & Lot 1 [REDACTED] and any adjoining lots affected by the structure.

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

- vi) It is the applicants' responsibility to check the structure placement with respect to the flood flows in both the Condamine and Cooranga Creek systems and confirm in writing to both Chinchilla Shire Council and the Department of Natural Resources that this structure will not impede flood flows in this location.
- vii) The applicant is advised that the off-take channel and use of any waters from Cooranga Creek are not covered by Council approval and must be obtained from the Department of Natural Resources.
- viii) The applicant is advised that the draft Condamine-Balonne Water Allocation & Management Plan which was released by the Queensland Government on the 14 June 2000 has indicated that new storage and diversion works including extensions and increase in diversion rates, based on overland flow, will have a lower priority in receiving a water share. Works not started before this date are at risk of not being recognised and therefore you may not be allowed to capture water in the event that the State Government feels it is necessary to exercise controls. Accordingly, it would be unwise to proceed with further development at this time. If you have any concerns about your situation you should contact the Department of Natural Resources in Toowoomba on [REDACTED]
- ix) The Department of Natural Resources formal advice that the projects are not required to be licensed under the Water Act shall be obtained prior to commencement of construction.

During the advertising period Council was in receipt of nil submissions.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993, a copy of which is attached.

Yours faithfully,

BC [REDACTED]
 Department of Natural Resources
 PO Box 273
 CHINCHILLA Q 4413

For your information.

[REDACTED]
CHIEF EXECUTIVE

BC Department of Natural Resources
 PO Box 318
 TOOWOOMBA Q 4350

.....
 CHIEF EXECUTIVE

For your information.

[REDACTED]
 CHIEF EXECUTIVE

For COUNCILS Lower Basin Report
Levee Bank Applications - B & H Hayward

85

16/11/2000

Applicant:

Application No. 1
[Redacted]

Land Description:

Lot 3 on [Redacted] and Lot 1 on [Redacted] Parish of Earle, Chinchilla

Land Owner:

[Redacted]

Tenure of Land:

Freehold, Rural C

Nature of Work:

Construction of a tail water dam.

Purpose of Work:

Storage of water harvested under licence no. 947670 and the collection of tail water required by cotton best management

Permit Required:

Requested to be on-going.

Advertising:

The application was advertised on 14 and 21 September 2000 in accordance with Section 938 (2)(b) of the Local Government Act 1993, calling for support or objections for the proposal closing with Council on 13 October 2000.

Applicant:

Application No. 2
[Redacted]

Land Description:

Lot 1 on RP [Redacted] Parish of Earle, Chinchilla

Land Owner:

[Redacted]

Tenure of Land:

Freehold, Rural C

Nature of Work:

Additional irrigation paddock and tail water return system (Channel).

Purpose of Work:

Collection of tail water and provision of storm water by-wash

Permit Required:

Requested to be on-going.

Advertising:

The application was advertised on 26 October and 2 November 2000 in accordance with Section 938 (2)(b) of the Local Government Act 1993, calling for support or objections for the proposal closing with Council on 17 November 2000.

7. That the applicant be advised that the off-take channel and use of any waters from Cooranga Creek are not covered by Council approval and must be obtained from the Department of Natural Resources.

8. The applicant is advised that the draft Condamine-Balonne Water Allocation & Management Plan which was released by the Queensland Government on the 14 June 2000 has indicated that new storage and diversion works including extensions and increase in diversion rates, based on overland flow, will have a lower priority in receiving a water share. Works not started before this date are at risk of not being recognised and therefore you may not be allowed to capture water in the event that the State Government feels it is necessary to exercise controls. Accordingly, it would be unwise to proceed with further development at this time. If you have any concerns about your situation you should contact the Department of Natural Resources in Toowoomba on [REDACTED]

9. The Department of Natural Resources formal advice that the projects are not required to be licensed under the Water Act shall be obtained prior to commencement of construction.

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF1600

Our Ref: EH:NB
Your Ref:

23 October 2000

██████████
"Warra Warra"
WARRA Q 4411

Dear Sir,

Re: Levee Bank Application

Reference is made to your recent application for a Levee Bank Permit to construct an off stream water harvesting reservoir and tailwater collection system on land described as Lot 3 on RP 32842, Parish of Earle.

I wish to advise that Council considered a report on the application at the general meeting held on 19 October 2000 with the result that Council was not in a position to make a decision due to the following:-

1. Council personnel had not inspected the proposal.
2. Details on the water harvesting licence from Cooranga Creek was not supplied.
3. Construction of the works had commenced and was nearing completion prior to approval.
4. From the 14 June 2000 there was no guarantee of water allocation due to the Draft WAMP.

Therefore, for Council to further consider same, an inspection will be required and details of water license's held be presented under the Department of Natural Resources letterhead.

Mr ██████████ will make arrangements for an inspection.

Yours faithfully,

BC Engineer

██████████
CHIEF EXECUTIVE

For your information.

██████████
CHIEF EXECUTIVE

BC

██████████
Sudholz Pty Ltd
PO Box 883
GOONDIWINDI Q 4390

For your attention.

.....
CHIEF EXECUTIVE

Levee Bank Application – [REDACTED]

Applicant: [REDACTED]

Land Description: Lot 3 on [REDACTED] and Lot 1 on [REDACTED] Parish of Earle, Chinchilla

Land Owner: [REDACTED]

Tenure of Land: Freehold, Rural C

Nature of Work: Construction of a tail water dam.

Purpose of Work: Storage of [REDACTED] and the collection [REDACTED] ment

Permit Required: Requested [REDACTED]

Advertising: The applica [REDACTED] accordance [REDACTED] Act 1993, c [REDACTED] closing with [REDACTED] 2000 in ment sal

copy for your information

Support or Objections :

Council is receipt of neither support or objection

Details of the Application

The application is made in order to seek an approval (License No. G47670) at the property of 'Beltan' eastern corner.

The additional reservoir is to have a capacity of [REDACTED] channel and an amendment to the tail water return [REDACTED] height of 5 metres consisting of clay cores and inter [REDACTED] be 50%. The off-take structure will be constructed [REDACTED] and will involve a cut from the base of the creek to the p [REDACTED]

The existing approval as listed above includes various head ditches and pads to the north of Wintons Road, but does not include provision for the additional earthen dam, as detailed in the top left of the plan of existing proposal (adjacent to Cooranga Creek) as a small tail water dam. The applicant advises they have a letter from the previous owner indicating the intent to constructing a dam in this location dating back some 12 years, Council has no record of such an intention (a copy of the original approval is attached).

In support of the change to the license the applicant advises the following :
"After considerable investigation and communication with the previous Engineers and Water Resources, it appears that the reservoir may have been left off the original application due the fact the head ditches along Wintons Road and the existing raised paddock ditch intervened in the overland flow patterns thereby removing any effect the Reservoir has on diversion of water. An on-site investigation and scrutiny of the levels confirm this. As the opposing creek bank is considerably

higher than the Reservoir wall and much higher than any recorded flood height, there will be no effect on flood patterns"

The report also advises that the tail water return will hold approximately 32 megalitres, with the majority of this capacity coming from the excavation of the sump adjacent to the pump site which there designers believe to be far in excess of the requirements of the Best Management Practises. Further they advise that the 100m by-wash will accommodate a 1 in 10 year ARI (Average Recurrence Interval).

During the original application circa 1988 the Queensland Water Resources Commission advised that floodwater of approximately 150 - 200 cumecs flows in the Condamine River in times of flood which did in fact cross the property of 'Beltana'

Regardless of the above information the reservoir is currently being constructed by the applicant and is to be completed in the near future!.

With respect to the nearing completion of works currently being carried out, Council advised the previous landowner Mr J. [REDACTED] on the 31 January 1991 of the following
"It is noted that the work applied for has already been constructed and if a breach of this nature was to occur in the future then Council will not hesitate to prosecute the offender in accordance with the provisions of Councils by-law and the Local Government Act."

Consultation :

The following are items Council may wish to discuss with the owner on site during the meeting held 25 October 2000.

1. The size difference between the original tailwater dam and the proposed eathern ring tank
2. The placement of the structure with respect to flows in both the Condamine and Cooranga Creek system, and advice from the Department of Natural Resources on whether the structure would impede flood flows in this location
3. Details on the water harvesting license from Cooranga Creek as this was not part of the original application
4. The fact that the adjoining Lot 1 RP 18233 was not advertised, as this lot did not form either part of the original approval or the recent application as shown on the application form
5. Council lack of ability to approve the structures on Lot 1 RP 18233 as an amendment as requested as it is on a separate allotment
6. Council makes no judgement as to whether the proposal has 'started' relative to DNR's Moratorium Notice
7. No guarantee of water supply as from 14 June as this is a DNR matter

APPENDIX A

Site Locations

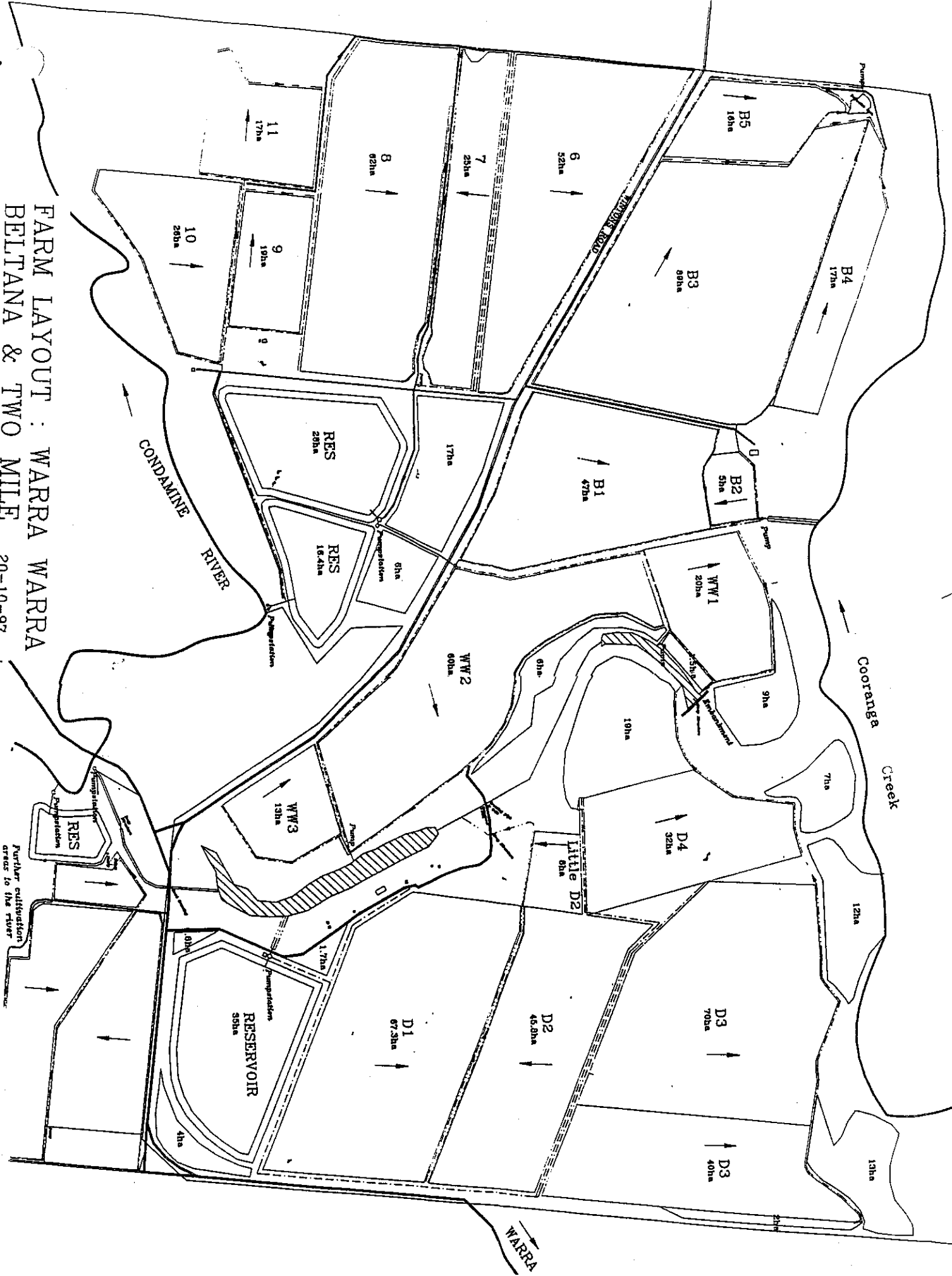


APPENDIX B

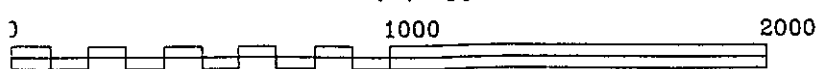
Farm Layout Plan - Extract of the original approval

FARM LAYOUT : WARRA WARRA
 BELTANA & TWO MILE

20-10-97



Scale (m) approx.



)

APPENDIX C

Moratorium Notice *Water Act 2000*

Moratorium Notice

Water Act 2000

Draft Water Resource (Condamine-Balonne Basin) Plan

1. This is a moratorium notice under section 42 of the *Water Act 2000* for the draft *Water Resource (Condamine-Balonne Basin) Plan* ("draft plan") previously referred to as the draft Water Allocation and Management Plan (Condamine-Balonne Basin).
2. This Notice has effect on 20 September 2000.
3. Breach of this Notice is an offence under the *Water Act 2000*.
4. This Notice-
 - a) applies to the following water-
 - i) water in each watercourse, lake or spring in the proposed plan area;
 - ii) water collected in each weir and dam constructed across a watercourse, lake or spring in the proposed plan area; and
 - iii) overland flow water in all parts of the proposed plan area.
 - b) applies to all applications whether made before or after publication of this Notice; and
 - c) applies to works that would increase the taking of, or interfering with, the water, whether or not the works are authorised.
5. The proposed plan area for the draft plan is identified in the map below.
6. In this Notice-
 - a) an "entitlement to water" means an interim water allocation, a water licence or water permit under the *Water Act 2000*, a licence, permit or other authorisation under the *Water Resources Act 1989*; and
 - b) "works" means works for the taking, or interfering with the flow, of water including, for example, dams, weirs, ring tanks, excavations, diversion channels, levee banks and diversion facilities such as pumps and embankments.
7. An application for or about an entitlement to water will be accepted but not dealt with while this Notice has effect if the granting of the application would have one or more of the following effects on the water referred to in section 4 of this Notice-
 - a) increase the amount of the water taken or interfered with; or
 - b) change the location from which the water may be taken, or interfered with; or
 - c) increase the maximum flow rate for taking, or interfering with, the water; or
 - d) change the flow conditions under which the water may be taken.
8. The acceptance of an application does not infer that the applicant will be granted, or have priority for the granting of, a new or amended entitlement to water.
9. Section 7 of this notice does not apply to an application-
 - a) for a permit under sections 56 or 57 of the *Water Resources Act 1989*;
 - b) for a water permit under section 237 of the *Water Act 2000*;

67 la

- c) to renew an entitlement to water under section 46 of the *Water Resources Act 1989* or under section 220 of the *Water Act 2000*;
 - d) to transfer an entitlement to water to another owner of the land to which the entitlement to water refers under section 47 of the *Water Resources Act 1989* or under section 222 of the *Water Act 2000*;
 - e) to transfer an interim water allocation by an interim resource operations licence holder under section 191 of the *Water Act 2000*;
 - f) to reinstate an expired water licence under section 221 of the *Water Act 2000*;
 - g) to replace a water licence under section 229 of the *Water Act 2000*;
 - h) for an interim resource operations licence under section 168 of the *Water Act 2000*;
 - i) for up to 300ML of high priority water from the raised Loudoun Weir for Dalby's town water supply; or
 - j) for up to 300ML of mean annual diversion from Kings Creek for Clifton Shire's town water supply.
10. For works that would increase the taking of, or interfering with, water to which this Notice applies-
- a) new works must not be started;
 - b) completed works in existence must not be raised, enlarged or deepened; and
 - c) works that have been started that include a barrier, embankment or other structure whether permanent or temporary that does or could or would impound water must only be completed to the extent that the maximum height of the works does not exceed 5 metres.
11. Works will be considered to have been started if, on the date this Notice comes in to effect-
- a) construction of the works has physically commenced or if construction has not physically commenced, a contract has been entered into for the imminent commencement of the construction, and
 - b) an independently verifiable construction program exists for progressive construction towards completion of the works; and
 - c) detailed design plans exist showing, among other things, the extent of the works; and
 - d) if a permit under the *Local Government Act 1993*, section 940, is required for the works - the permit has been issued; and
 - e) if a development permit is required for the works - the permit has been given.
12. Section 10 of this notice does not apply to works relating to-
- a) permits issued under sections 56 or 57 of the *Water Resources Act 1989*;
 - b) water permits issued under section 237 of the *Water Act 2000*;
 - c) the taking of water authorised under sections 20(2), 20(3), 20(4) or 20(5) of the *Water Act 2000*; or

APPENDIX D
Original Application Lodged

CHINCHILLA SHIRE COUNCIL

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land

I, [REDACTED] of WARRA WARRA in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant [REDACTED]
- (2) Postal Address "WARRA WARRA" WARRA, Q.
- (3) Location of work (see also 10) Country EARLE Parish LYTTON
Real Property Description [REDACTED]
Area
- (4) Nature of Works OFF STREAM WATER HARVESTING RESERVOIR AND TAIL WATER COLLECTION SYSTEM
- (5) Purpose of Work STORAGE OF WATER HARVESTED UNDER LICENCE No. 947670 AND THE COLLECTION OF TAIL WATER REQUIRED BY LYTTON BEST MANAGEMENT PRACTICES.
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank 324.918 RES WALL metres TOTAL BANK LENGTH = ~~2478.132~~ 1386.381
 - (b) Maximum height 0.0 metres
 - (c) Width of top 5m metres
 - (d) Width of base 40m ~ 60m metres
 - (e) Materials of which bank will be constructed CORE - SELECTED CLAY MATERIAL (COMPACTED)
OUTER ZONES - SELECTED EARTH MATERIAL
 - (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? OPPOSITE BANK HIGHER BY 1.2m
 - (g) Height of top of bank above highest known flood level
KNOWN FLOOD HEIGHT - 313.8 TBL - 318.0 = 4.2 meters above level
- (7) Particulars of work (if drain or other excavation) - TAIL RETURN SYSTEM
 - (a) Total length 2478.132m metres
 - (b) Maximum depth 3m IN SUMP metres
 - (c) Width of top MAX 30m metres
 - (d) Width at base 5 METRES metres
 - (e) State nature of soil at site CRACKING BLACK CLAY

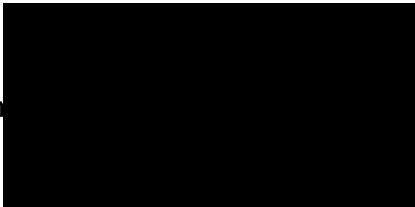
Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

(5) Applicants agree to pay the follow fees:-

- a) Application fee for works less than \$2000 in cost including advertising. \$117
- b) Application fee for works in excess of \$2000 in cost including advertising. \$500
- c) ; Projects that require Engineering Consultants Reports which will include (b) above. Consultant Fees

Date 11/09/00.....

Signature of Applicant .....



The Chief Executive Officer,
Chinchilla Shire Council,
Chinchilla, Q, 4413

Monday, 11 September 2000

RE: LEVEE BANK APPLICATION – [REDACTED] BELTANA

Dear [REDACTED]

As previously discussed, Sudholz Pty Ltd is acting on the behalf of [REDACTED] for the amendment of the standing Section 47 approval for the continuing development of the property "Beltana" by the construction of a reservoir on the north western corner of Beltana.

The standing approval relates to various head ditches and pads to the north of Wintons Road. These structures remain unchanged. As the intention was always to build a reservoir, and the issues of diversion of water have already been approved under the existing approval, it our intention to seek an amendment of the approval rather than undertake a new approval procedure.

[REDACTED] is in possession of letters from the previous owner indicating the intent of construction and our office has been dealing with the design of this farm and the reservoir for approximately 12 years.

Construction was commenced in early July, however a number of factors dictated that the machines be transferred to another property for completion of another reservoir. Upon the announcement of the intended moratorium of development, Mr. [REDACTED] gained advice from the Department of Natural Resources that the development fulfilled the five criteria needed to complete the development. Construction was to commence early this month.

However, upon close scrutiny of the existing Section 47 application I became concerned by the ambiguity of the approval in relation to the reservoir. While the approval states a reservoir is included, no reservoir was drawn on the map submitted for approval.

After considerable investigation and communication with the previous engineers and the Water Resources, it appears that the reservoir may have been left off the original application due the fact the Head Ditches along Wintons Road and the existing raised paddock ditch intervened in the overland flow patterns thereby removing any effect the Reservoir has on diversion of water. An on-site investigation and scrutiny of the levels confirms this. As the opposing creek bank is considerably higher than the Reservoir wall and much higher than any recorded flood height, there will be no effect on flood patterns.



NOTES TO ACCOMPANY THE APPLICATION FOR A LEVEE BANK PERMIT – BELTANA

This report is to be read in conjunction with the accompanying sketch regarding the proposed reservoir development on Beltana.

It must be noted that only the reservoir is to be covered under this application. The existing Section 47 application covers the existing Head Ditches and module pads.

This applications covers the construction of a 600mL compacted earthen reservoir, creek off take channel and the amendment of a tail water return system on "Beltana" [REDACTED]. The tail water system will conform to the Cotton Industries Best Management Practices.

There are no directly affected landholders, however the adjacent landholder across the creek, [REDACTED] was contacted late June prior to commencement of construction (see accompanying letter). [REDACTED] had no objections to the proposal.

Details of Structures and effects on flood flow

1. Reservoir

The Reservoir is built to conserve water from existing licence G47670. The wall will have the maximum height of 5 metres. The core will consist of compacted selected clay material. A Caterpillar 825C compactor will be used entirely on the core in conjunction with no more than 3 elevating scrapers and 2 open bowl scrapers. Internal batters will be 20%, external batters 50%. 150 mm of stripping will be placed in the outer zones of the wall. A 600 mm cut off trench will be dug and then backfilled and compacted to form the basis of the core.

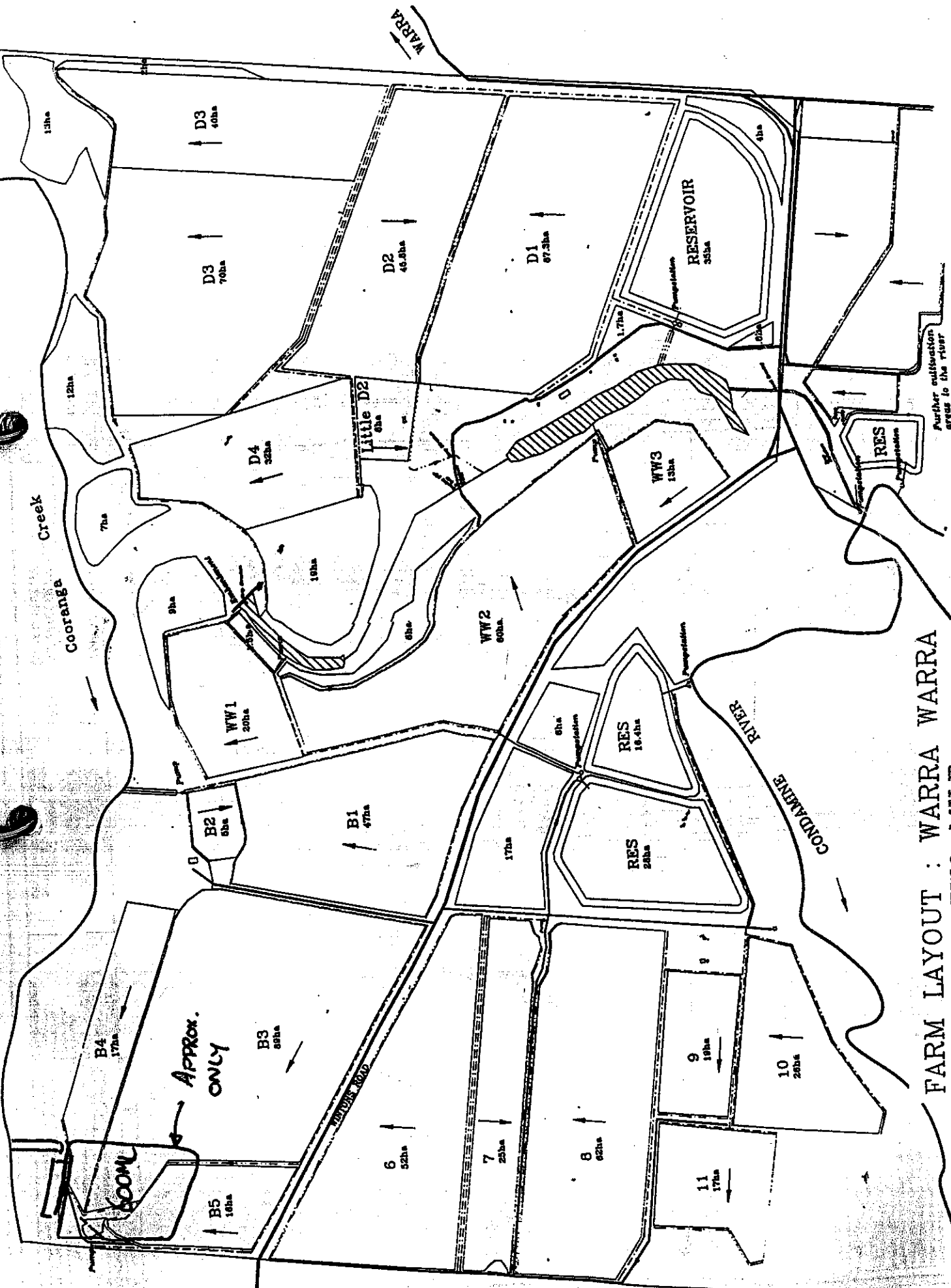
Preliminary slit trenches and evidence gleaned from construction in adjacent areas indicate that the soil is extremely suitable for construction purposes. Should areas of sand be encountered in the borrow pits, these will be backfilled and rolled.

2. Off take

An off take will be constructed from the creek to service a 750 mm pump. A berm will be placed on one side of the off take. The off take will be cut from base of creek to the pump at a grade of 0.03%.

Scale (m) approx. 1000 2000

67° n



FARM LAYOUT : WARRA WARRA
BELTANA & TWO MILE 20-10-97

APPENDIX E

Plans received 24/10/2000

Consulting Engineers
Irrigation Design & Construction
Civil Construction & Earthmoving



SUDHOLZ PTY LTD
ACN 009 989 968
ABN 25 215 374 671
34 Lagoon Street PO Box 883
Goondiwindi 4390
Ph 07 4671 1044 Fax 07 4671 2022

Tuesday, 24 October 2000

[REDACTED]
Chinchilla Shire Council,
Chinchilla, Q,

Dear [REDACTED]

RE: [REDACTED] DESIGN DRAWINGS

Enclosed are copies of design drawings for the installation of the by wash and tail water return blow out structure for the development at "Beltana".

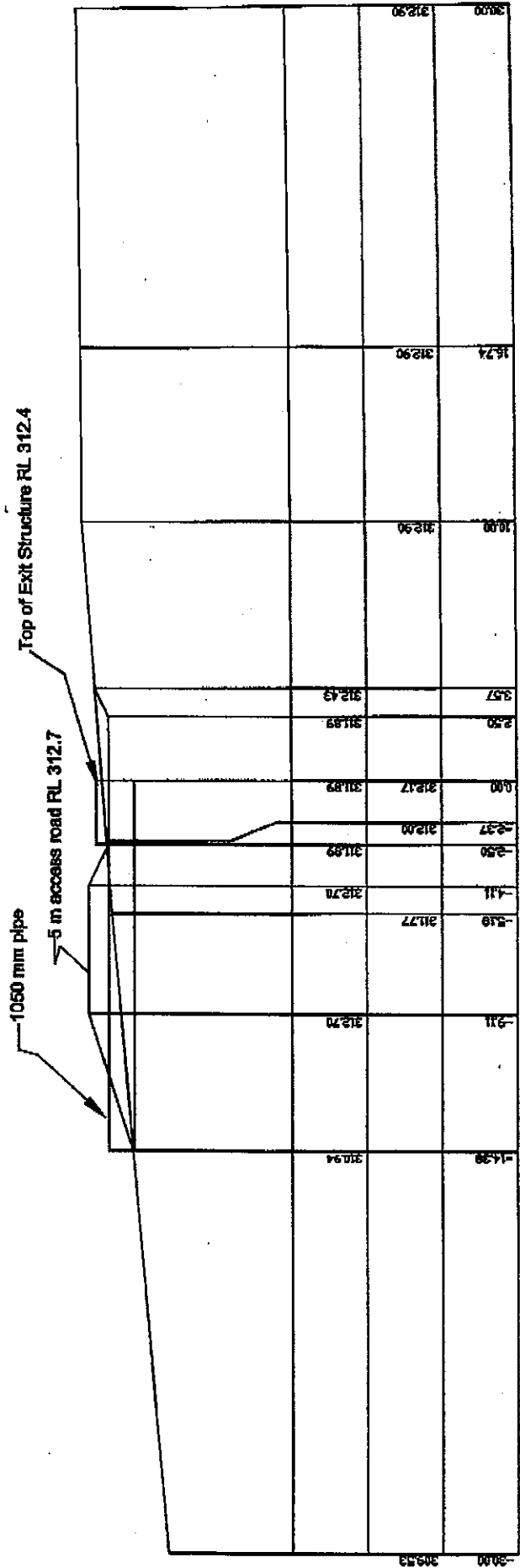
I apologise for the delay in sending these documents.

Yours faithfully,

[REDACTED]

RESOURCE MANAGEMENT CONSULTANT

Excess Tail Water Drain point



Change 1650.000
Datum 394.500

PROFILE - TAILWATER RETURN CH 401 - 800

CHAINAGE	DESIGN	NATURAL	CUT	FILL
401.00	312.83	312.55	-0.29	
405.29	312.80	312.54	-0.26	
425.38	312.66	312.50	-0.16	
443.08	312.59	312.47	-0.12	
450.00	312.55	312.46	-0.09	
455.54	312.52	312.45	-0.07	
499.45	312.40	312.37	-0.03	
500.00	312.40	312.37	-0.03	
515.80	312.36	312.34	-0.02	
545.87	312.33	312.29	-0.03	
550.00	312.32	312.28	-0.03	
554.94	312.31	312.28	-0.03	
596.70	312.45	312.27	-0.17	
600.00	312.46	312.27	-0.19	
605.81	312.47	312.27	-0.21	
635.77	312.51	312.26	-0.25	
650.00	312.53	312.25	-0.27	
653.19	312.53	312.25	-0.28	
696.01	312.61	312.24	-0.37	
700.00	312.63	312.24	-0.39	
705.76	312.65	312.24	-0.41	
734.95	312.68	312.23	-0.45	
736.14	312.69	312.23	-0.46	
750.00	312.73	312.22	-0.51	
751.85	312.73	312.22	-0.51	
752.41	312.73	312.22	-0.51	
799.06	312.75	312.21	-0.54	
800.00	312.75	312.21	-0.54	

Datum RL = 311.500

0km

0km

0km

-0.18%

-0.03%

Finished Field Height

Storm Water blowout RL 312.4

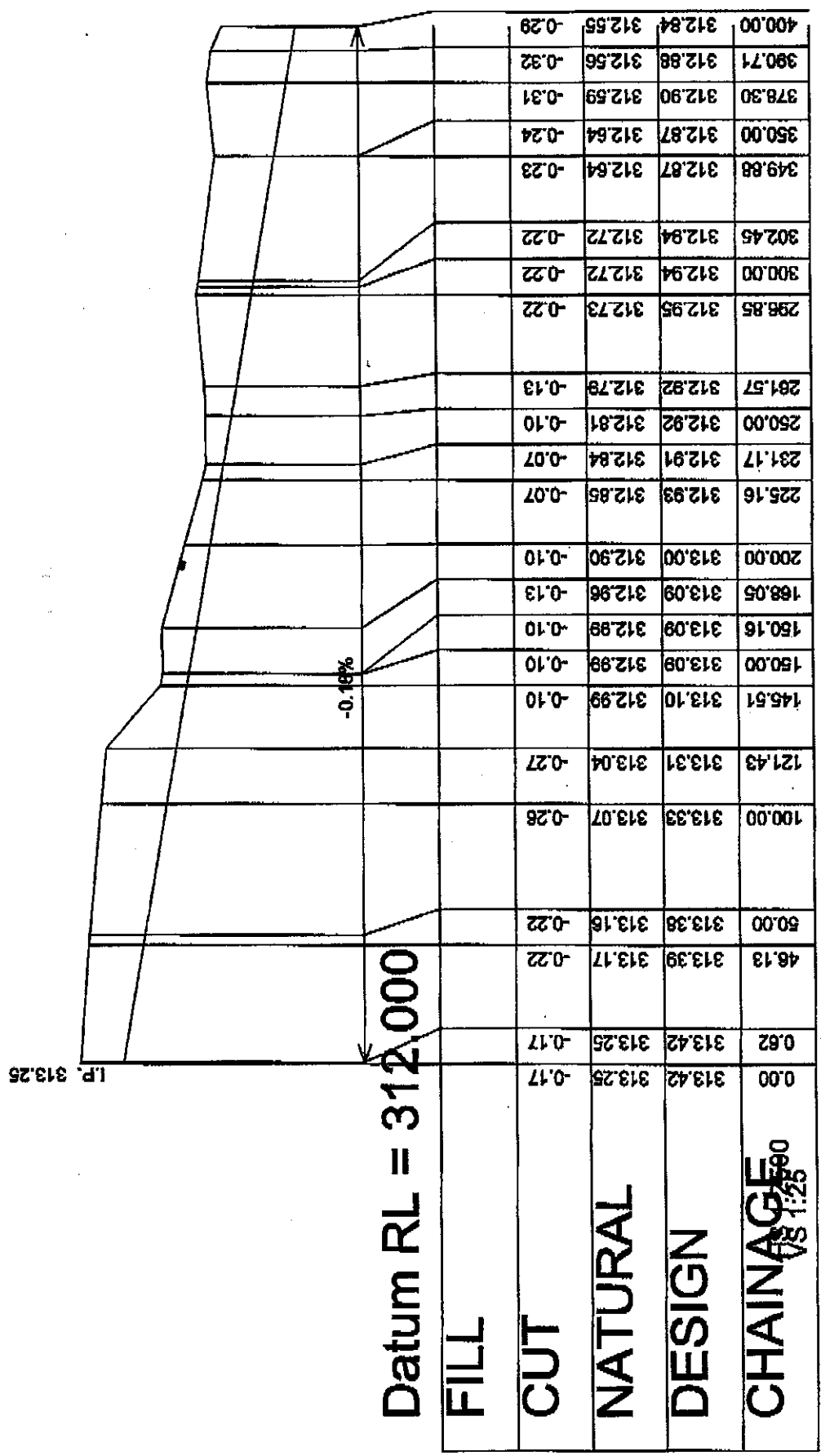
Tail Water Return

I.P. 312.28

0km

PROFILE - TAILWATER RETURN 0 - 400

0km



)

APPENDIX F

Council Letter to Applicant following October meeting

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote: PF1600

A Vital Friendly Shire

Our Ref: EH:NB
Your Ref:

23 October 2000

[REDACTED]
"Warra Warra"
WARRA Q 4411

Dear Sir,

Re: Levee Bank Application

Reference is made to your recent application for a Levee Bank Permit to construct an off stream water harvesting reservoir and tailwater collection system on land described as Lot 3 on RP 32842, Parish of Earle.

I wish to advise that Council considered a report on the application at the general meeting held on 19 October 2000 with the result that Council was not in a position to make a decision due to the following:-

1. Council personnel had not inspected the proposal.
2. Details on the water harvesting licence from Cooranga Creek was not supplied.
3. Construction of the works had commenced and was nearing completion prior to approval.
4. From the 14 June 2000 there was no guarantee of water allocation due to the Draft WAMP.

Therefore, for Council to further consider same, an inspection will be required and details of water license's held be presented under the Department of Natural Resources letterhead.

[REDACTED] will make arrangements for an inspection.

Yours faithfully,

BC Engineer

[REDACTED]
CHIEF EXECUTIVE

For your information,
[REDACTED]

CHIEF EXECUTIVE

Levee Bank Application – B Hayward

Applicant: [REDACTED]

Land Description: Lot 3 on [REDACTED] and Lot 1 on [REDACTED] Parish of Earle, Chinchilla

Land Owner: [REDACTED]

Tenure of Land: Freehold, Rural C

Nature of Work: Construction of a tail water dam.

Purpose of Work: Storage of water harvested under licence no. 947670 and the collection of tail water required by cotton best management

Permit Required: Requested to be on-going.

Advertising: The application was advertised on 14 and 21 September 2000 in accordance with Section 938 (2)(b) of the Local Government Act 1993, calling for support or objections for the proposal closing with Council on 13 October 2000.

Support or Objections:

Council is receipt of neither support or objection to this proposal

Details of the Application

The application is made in order to seek an amendment to their existing section 47 approval (License No. G47670) at the property of 'Beltana' to incorporate a reservoir in the north western corner.

The additional reservoir is to have a capacity of 600 ML and is to incorporate a creek take off channel and an amendment to the tail water return system. The dam will have walls to a maximum height of 5 metres consisting of clay cores and internal batters 20% whilst the external batters are to be 50%. The off-take structure will be constructed from the creek to service a 750mm pump and will involve a cut from the base of the creek to the pump at a grade of 0.03%.

The existing approval as listed above includes various head ditches and pads to the north of Wintons Road, but does not include provision for the additional earthen dam, as detailed in the top left of the plan of existing proposal (adjacent to Cooranga Creek) as a small tail water dam. The applicant advises they have a letter from the previous owner indicating the intent to constructing a dam in this location dating back some 12 years, Council has no record of such an intention (a copy of the original approval is attached).

In support of the change to the license the applicant advises the following :

"After considerable investigation and communication with the previous Engineers and Water Resources, it appears that the reservoir may have been left off the original application due the fact the head ditches along Wintons Road and the existing raised paddock ditch intervened in the overland flow patterns thereby removing any effect the Reservoir has on diversion of water. An on-site investigation and scrutiny of the levels confirm this. As the opposing creek bank is considerably

has indicated that new storage and diversion works including extensions and increase in diversion rates, based on overland flow, will have a lower priority in receiving a water share. Works not started before this date are at risk of not being recognised and therefore you may not be allowed to capture water in the event that the State Government feels it is necessary to exercise controls. Accordingly, it would be unwise to proceed with further development at this time. If you have any concerns about your situation you should contact the Department of Natural Resources in Toowoomba on [REDACTED]

- 8. The Department of Natural Resources formal advice that the projects are not required to be licensed under the Water Act shall be obtained prior to commencement of construction.

NOT IMPRESSED WITH TIMING OF APPLICATION.

ON SITE MEETING



[Redacted]

[Redacted]

"WARRA WARRA"
WARRA 4411
Phone [Redacted]

Council of Chinchilla Shire
Civic Centre 80-86 Heeney Street
Chinchilla Qld 4413
September 18, 2000

Attn [Redacted]

[Redacted]

ENTERED
IN INDEX



Please find enclosed a cheque to accompany Levy Bank Application for [Redacted]

Yours truly,

[Redacted signature block]

*Receipt No 83339
22/9/00*

Consulting Engineers
Irrigation Design & Construction
Civil Construction & Earthmoving



SUDHOLZ PTY LTD

ABN 25 215 374 671

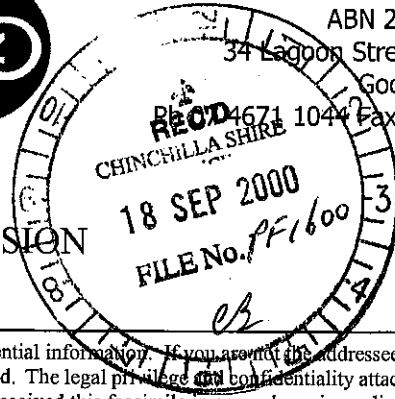
34 Lagoon Street PO Box 883

Goondiwindi 4390

Fax 07 4671 2022

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IN INDEX

FACSIMILE TRANSMISSION



This facsimile is intended only for the addressee and may contain legally privileged and confidential information. If you are not the addressee, you are notified that any transmission, distribution, or photocopying of this facsimile is strictly prohibited. The legal privilege and confidentiality attached to this facsimile is not waived, lost or destroyed by reason of a mistaken delivery to you. If you have received this facsimile in error please immediately notify me by telephone and return the original facsimile to me at my address.

TO: CHINCHILLA SHIRE COUNCIL FAX NO:
ATTENTION: [REDACTED] CC:
FROM: [REDACTED] NO: PAGES INCL. THIS ONE:
RE: BELTANA DATE: 11.09.00 TIME: 6.00PM

[REDACTED]

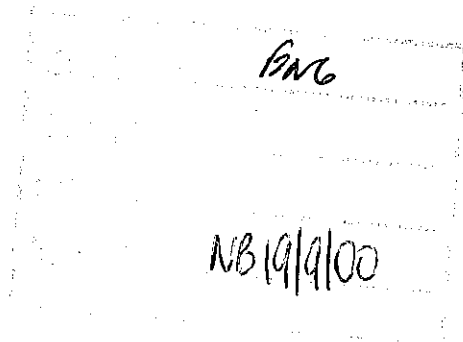
Here are the details regarding the Section 47 application. The job is exactly 2.38 km from the Condamine River; hence the Chinchilla Shire Council is able to deal with the application without referral to Water Resources.

If required I am available for a deputation to a Shire Council meeting.

Should further details be required, do not hesitate to contact me.

Cheers,

[REDACTED]



Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED] of WARRA WARRA in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant [REDACTED]
- (2) Postal Address "WARRA WARRA" WARRA, Q.
- (3) Location of work (see also 10) Country EARLE Parish LYTTON
Real Property Description [REDACTED]
Area
- (4) Nature of Works OFF STREAM WATER HARVESTING RESERVOIR AND TAIL WATER COLLECTION SYSTEM
- (5) Purpose of Work STORAGE OF WATER HARVESTED UNDER LICENCE No 947670 AND THE COLLECTION OF TAIL WATER REQUIRED BY LYTTON BEST MANAGEMENT PRACTICES
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank 324.918 RES WALL metres TOTAL BANK LENGTH = ~~2478.132~~ 1386.381
 - (b) Maximum height 6.0 metres
 - (c) Width of top 5m metres
 - (d) Width of base 40m ~ 60m metres
 - (e) Materials of which bank will be constructed CORE - SELECTED CLAY MATERIAL (COMPACTED)
OUTER ZONES - SELECTED EARTH MATERIAL
 - (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? OPPOSITE BANK HIGHER BY 1.2m
 - (g) Height of top of bank above highest known flood level
KNOWN FLOOD HEIGHT - 313.8 TBL - 318.0 = 4.2 metres above level
- (7) Particulars of work (if drain or other excavation) - TAIL RETURN SYSTEM
 - (a) Total length 2478.132m metres
 - (b) Maximum depth 3m IN SUMP metres
 - (c) Width of top MAX 30m metres
 - (d) Width at base 3 METRES metres
 - (e) State nature of soil at site CRACKING BLACK CLAY

- (8) Provision for preventing injury to other land arising from proposed work - COMPACTION OF
RESERVOIR CORE USING COMPACTION EQUIPMENT
- (9) Period for which permit is required ANGLING
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date 11/09/00

Signature of Applicant



Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

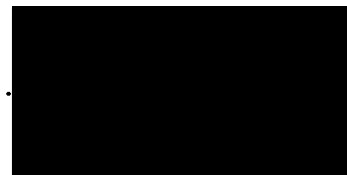
- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

(5) Applicants agree to pay the follow fees:-

- | | | |
|----|---|-----------------|
| a) | Application fee for works less than \$2000 in cost including advertising. | \$117 |
| b) | Application fee for works in excess of \$2000 in cost including advertising. | \$500 |
| c) | Projects that require Engineering Consultants Reports which will include (b) above. | Consultant Fees |

Date 11/09/00.....

Signature of Applicant .



CHINCHILLA SHIRE COUNCIL

LODGEMENT OF A LEVEE BANK APPLICATION FORM

- Written Report attached
- Site Plan (1:10,000) including distances relating to allotment boundaries
- Topographic plan including overland flow paths and contour data
- Evidence of notification of affected landowners
- Application form for lodgement of Levee Bank Application
- Details of area and type of irrigation proposed
- Detailed design of any structures
(Cross-Sectional details of structures or irrigation proposal-head ditches, tail or recycle drains)

It is the applicant's responsibility to ensure that the above information is submitted with the application so that the Council can consider the application. Council also reserves the right to request additional information should the application submitted require further information.

Signature of the Applicant

[REDACTED]

Applicant's Name (first name should be included)

[REDACTED]

Applicant's Contact Number:

[REDACTED]

Consultant's Name

[REDACTED]

- SUOHOLZ PTY LTD.

Consultant's Contact Address

SUOHOLZ PTY LTD,

32 LAAGOON STREET,

GOONDIWINGI, Q. 4390.

Consultant's Contact Number

[REDACTED]

Council Information Only

Payment Received

Date of Lodgement _____

Name of Officer _____



The Chief Executive Officer,
Chinchilla Shire Council,
Chinchilla, Q, 4413

Monday, 11 September 2000

RE: LEVEE BANK APPLICATION – Mr. BRIAN HAYWARD BELTANA

Dear [REDACTED]

As previously discussed, Sudholz Pty Ltd is acting on the behalf of Mr. [REDACTED] for the amendment of the standing Section 47 approval for the continuing development of the property "Beltana" by the construction of a reservoir on the north western corner of Beltana.

The standing approval relates to various head ditches and pads to the north of Wintons Road. These structures remain unchanged. As the intention was always to build a reservoir, and the issues of diversion of water have already been approved under the existing approval, it our intention to seek an amendment of the approval rather than undertake a new approval procedure.

[REDACTED] is in possession of letters from the previous owner indicating the intent of construction and our office has been dealing with the design of this farm and the reservoir for approximately 12 years.

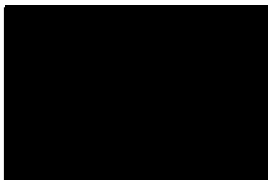
Construction was commenced in early July, however a number of factors dictated that the machines be transferred to another property for completion of another reservoir. Upon the announcement of the intended moratorium of development, Mr. [REDACTED] gained advice from the Department of Natural Resources that the development fulfilled the five criteria needed to complete the development. Construction was to commence early this month.

However, upon close scrutiny of the existing Section 47 application I became concerned by the ambiguity of the approval in relation to the reservoir. While the approval states a reservoir is included, no reservoir was drawn on the map submitted for approval.

After considerable investigation and communication with the previous engineers and the Water Resources, it appears that the reservoir may have been left off the original application due the fact the Head Ditches along Wintons Road and the existing raised paddock ditch intervened in the overland flow patterns thereby removing any effect the Reservoir has on diversion of water. An on-site investigation and scrutiny of the levels confirms this. As the opposing creek bank is considerably higher than the Reservoir wall and much higher than any recorded flood height, there will be no effect on flood patterns.

A complete Section 47 application has been completed for the addition of the Reservoir and an amendment of the Tail Water Return system. It is important to note that we would regard this as an amendment rather than undertake a new approval. As there are no affected landholders, the application may not need to be advertised.

Thank you for your prompt consideration of this matter.



RESOURCE MANAGEMENT CONSULTANT

NOTES TO ACCOMPANY THE APPLICATION FOR A LEVEE BANK PERMIT – BELTANA

This report is to be read in conjunction with the accompanying sketch regarding the proposed reservoir development on Beltana.

It must be noted that only the reservoir is to be covered under this application. The existing Section 47 application covers the existing Head Ditches and module pads.

This applications covers the construction of a 600mL compacted earthen reservoir, creek off take channel and the amendment of a tail water return system on "Beltana" [REDACTED]. The tail water system will conform to the Cotton Industries Best Management Practices.

There are no directly affected landholders, however the adjacent landholder across the creek, [REDACTED] was contacted late June prior to commencement of construction (see accompanying letter). [REDACTED] had no objections to the proposal.

Details of Structures and effects on flood flow

1. Reservoir

The Reservoir is built to conserve water from existing licence G47670. The wall will have the maximum height of 5 metres. The core will consist of compacted selected clay material. A Caterpillar 825C compactor will be used entirely on the core in conjunction with no more than 3 elevating scrapers and 2 open bowl scrapers. Internal batters will be 20%, external batters 50%. 150 mm of stripping will be placed in the outer zones of the wall. A 600 mm cut off trench will be dug and then backfilled and compacted to form the basis of the core.

Preliminary slit trenches and evidence gleaned from construction in adjacent areas indicate that the soil is extremely suitable for construction purposes. Should areas of sand be encountered in the borrow pits, these will be backfilled and rolled.

2. Off take

An off take will be constructed from the creek to service a 750 mm pump. A berm will be placed on one side of the off take. The off take will be cut from base of creek to the pump at a grade of 0.03%.

3. Tail Water Return

The tail Water Return will hold approximately 32 megalitres. This is far in excess of the requirements under the Best Management Practices. The majority of capacity will come from the excavation of a sump adjacent to the pump site. The size of the sump was determined by the amount of material required to construct the adjacent reservoir bank.

A drop structure will be placed between the channel and sump. There will be no flooding of cropping ground. When the tail water system is full or velocity of water is too great for the drop structure, a by wash is situated in an existing natural gully. A road is included in the tail drain system. The road has a constant RL however is 6 metres below the Reservoir TBL.

The existing gully is well grassed and will be maintained by property management. The grass will provide a filtration system for removal of contaminants. The road that forms the surface of the by wash will also be maintained regularly by property management. A cross section of the by wash is also included. This by wash will not handle massive flood flows that will enter the property through Wintons Road. The by wash will need to be re-established post flood event. All waters entering the by wash do so within property boundaries.

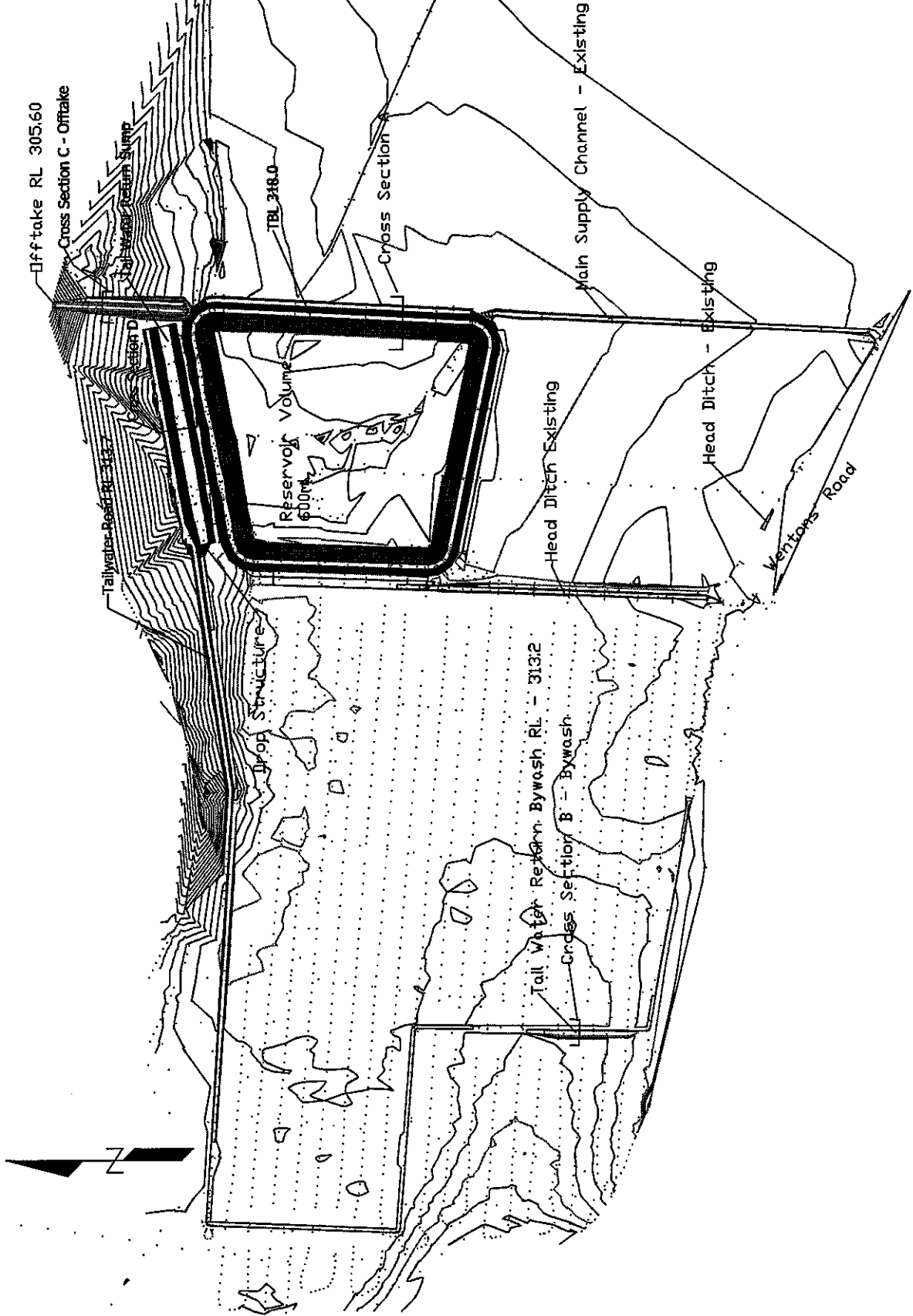
Additional Information

There will be no impacts upon flood flows, heights and velocities. The approved structures under the existing Section 47 approval are above maximum-recorded flood height and structures have been placed to mitigate the effects of major flows.

The 100 metres by wash will more than accommodate a 1 in 10 ARI. The pump will further increase the ability of the tail water return system to handle such an event.

The reservoir is to feed the existing head ditches and drains on the property. Approval has already been granted for these structures under the existing Section 47 Levee Bank approval.


No structure is within 10 metres of any boundary



<small>REFER ANY DISCREPANCIES TO ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION DO NOT SCALE FROM THIS DRAWING. USE DIMENSIONS WHERE MARKED.</small>	
Sheet Size: A4	Scale: 1:10,000
Design: AP	Date: 11.08.00
Design Check:	Date:
Drawn: AP	Date: 11.08.00
Printing Check:	Date:
Approved:	Date:

CLIENT: BELTANA PROJECT: SECTION 47 APPLICATION	TITLE: BELTANA IMPROVEMENTS
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CLIENT: BRIAN HAYWARD PROJECT: BELTANA SECTION 47 APPLICATION	TITLE: BELTANA IMPROVEMENTS
--	------------------------------------


CONSULTING ENGINEERS
 IRRIGATION DESIGN & CONSTRUCTION
 CIVIL CONSTRUCTION & EARTHMOVING
 SURBOLZ PTY. LTD.
 34 LAGOON STREET
 GOONDIWINDI 4300
 ABN 68 088 088
 PH: (07) 46711 044
 FAX: (07) 46712 022
 Website: www.surbholz.com.au

Revision	Date	By	Description	Approved
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20150-01-B
 STATUS: APPROVAL

Consulting Engineers
Irrigation Design & Construction
Civil Construction & Earthmoving



SUDHOLZ PTY LTD
ABN 25 215 374 671
34 Lagoon Street PO Box 883
Goondiwindi 4390
Ph 07 4671 1044 Fax 07 4671 2022



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TO: CHINCHILLA SHIRE COUNCIL

FAX NO:

ATTENTION

CC:

FROM: TONY PETERSON

NO: PAGES INCL. THIS ONE:

RE: BELTANA

DATE: 11.09.00

TIME: 6.00PM



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If required I am available for a deputation to a Shire Council meeting.

Should further details be required, do not hesitate to contact me.

Cheers,



ENG

NB 12/9/00

Consulting Engineers
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Civil Construction & Earthmoving



SUDHOLZ PTY LTD
ACN 009 989 968
ABN 25 215 374 671
34 Lagoon Street PO Box 883
Goondiwindi 4390
Ph 07 4671 1044 Fax 07 4671 2022

The Chief Executive Officer,
Chinchilla Shire Council,
Chinchilla, Q, 4413

Monday, 11 September 2000

RE: LEVEE BANK APPLICATION – [REDACTED] BELTANA

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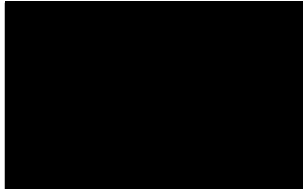
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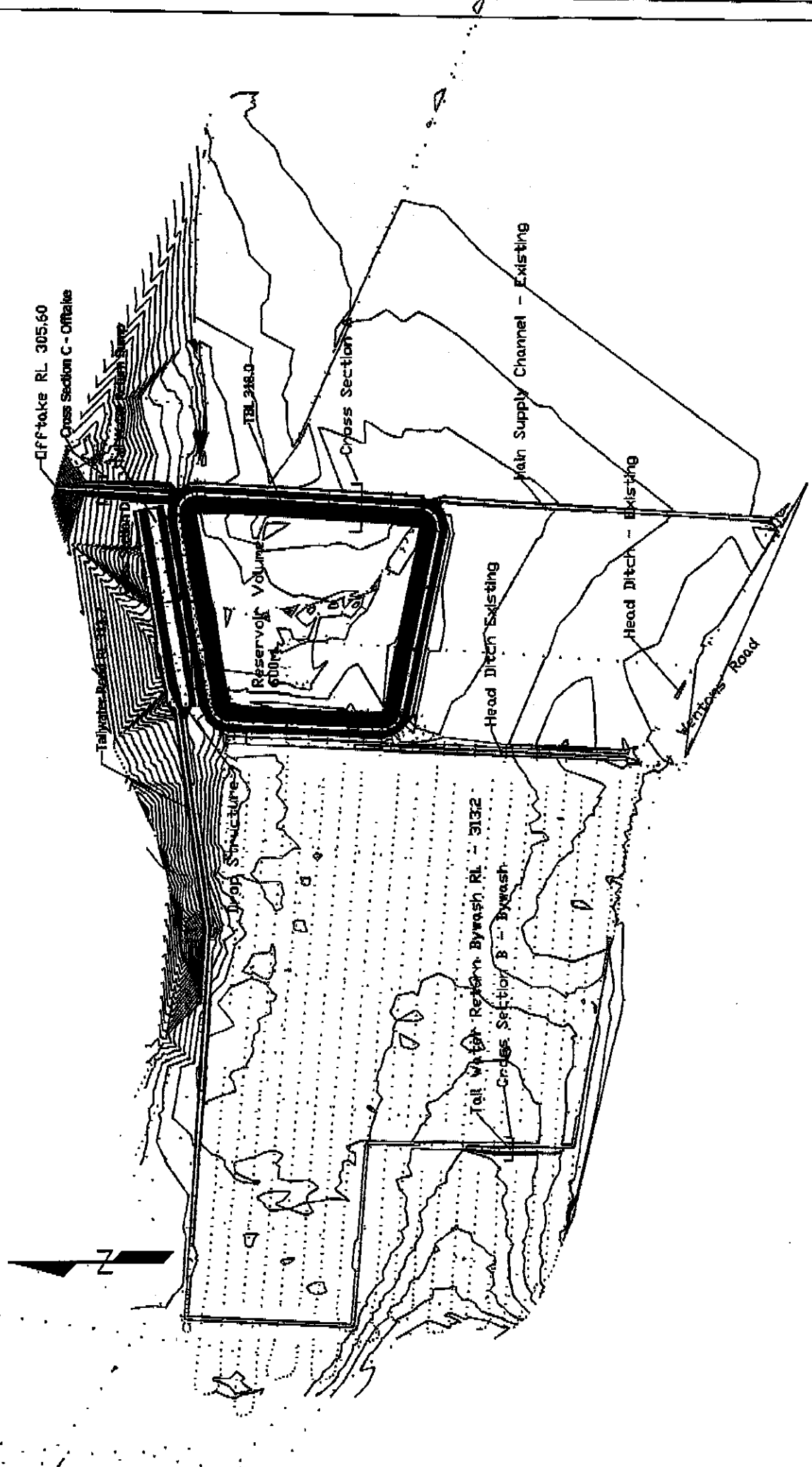
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PROJECT NO. 20150-01-B SHEET NO. 01/01	
Scale: 1:1000 Date: 11/09/10	Drawing No. 20150-01-B
Design: J.P. Check: J.P.	Date: 11/09/10
Drawn: J.P. Check: J.P.	Date: 11/09/10
Approved: [Signature] Date: 11/09/10	Approved: [Signature] Date: 11/09/10

CLIENT: BRIAN HAYWARD
TITLE: BELZANA
 ZAPR07/EMK/RTS

PROJECT: BELZANA
 SECTION 47 APPLICATION

CONSULTING ENGINEERS
 CONSULTING DESIGN & CONSTRUCTION
 CIVIL CONSTRUCTION & EARTHMOVING

SUDHOLZ PTA, LTD.
 341 GARDEN STREET
 GARDENHEIM 1000
 AUSTRIA 1010
 TEL: +43 1 478 12 14
 FAX: +43 1 478 12 15
 Web: www.sudholz.com

Revision	Date	By	Drawn/Checked	Approved

CONTRACT AND INSTRUMENTS
 The drawings and instruments are the property of Sudholz Pty Ltd ("Sudholz"). No drawings are to be used, copied or reproduced in whole or in part for any purpose other than that for which they were prepared by Sudholz. Any use or reproduction for any other purpose is prohibited. The drawings are the property of Sudholz Pty Ltd and shall remain the property of Sudholz. The drawings are the property of Sudholz Pty Ltd and shall remain the property of Sudholz.

CHINCHILLA SHIRE COUNCIL

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED] of WARRA WARRA in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant [REDACTED]
- (2) Postal Address "WARRA WARRA", WARRA, Q.
- (3) Location of work (see also 10) Country EARLE Parish LYTTON
 Real Property Description [REDACTED]
 Area
- (4) Nature of Works OFF STREAM WATER HARVESTING RESERVOIR AND TAIL WATER COLLECTION SYSTEM
- (5) Purpose of Work STORAGE OF WATER HARVESTED UNDER LICENCE No. 947670 AND THE COLLECTION OF TAIL WATER REQUIRED BY LYTTON BEST MANAGEMENT PRACTICES
- (6) Particulars of Work (if levee bank) -
- (a) Total length of levee bank 324.918 RES WALL metres TOTAL BANK LENGTH = 2478.32m 1386.381
- (b) Maximum height 6.0 metres
- (c) Width of top 5m metres
- (d) Width of base 40m ~ 60m metres
- (e) Materials of which bank will be constructed CORE - SELECTED CLAY MATERIAL (UNPAVED)
OUTER ZONES - SELECTED EARTH MATERIAL
- (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? OPPOSITE BANK HIGHER BY 1.2m
- (g) Height of top of bank above highest known flood level
KNOWN FLOOD HEIGHT - 313.5 TBL - 318.0 = 4.2 metres above level
- (7) Particulars of work (if drain or other excavation) - TAIL RETURN SYSTEM
- (a) Total length 2478.32m metres
- (b) Maximum depth 3m IN SUMP metres
- (c) Width of top MAX 30m metres
- (d) Width at base 5 METRES metres
- (e) State nature of soil at site CRACKING BLACK CLAY

- (8) Provision for preventing injury to other land arising from proposed work - COMPACTION OF RESERVOIR CORE USING COMPACTION EQUIPMENT
- (9) Period for which permit is required ANLQIM
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date 11/09/00

Signature of Applicant



Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

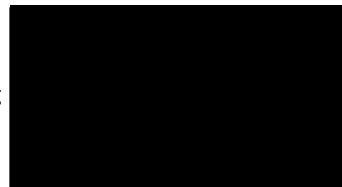
- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

(5) Applicants agree to pay the follow fees:-

- a) Application fee for works less than \$2000 in cost including advertising. \$117
- b) Application fee for works in excess of \$2000 in cost including advertising. \$500
- c) Projects that require Engineering Consultants Reports which will include (b) above. Consultant Fees

Date 11/09/00

Signature of Applicant



CHINCHILLA SHIRE COUNCIL

LODGEMENT OF A LEVEE BANK APPLICATION FORM

- Written Report attached
- Site Plan (1:10,000) including distances relating to allotment boundaries
- Topographic plan including overland flow paths and contour data
- Evidence of notification of affected landowners
- Application form for lodgement of Levee Bank Application
- Details of area and type of irrigation proposed
- Detailed design of any structures
(Cross-Sectional details of structures or irrigation proposal-head ditches, tail or recycle drains)

It is the applicant's responsibility to ensure that the above information is submitted with the application so that the Council can consider the application. Council also reserves the right to request additional information should the application submitted require further information.

Signature of the Applicant [REDACTED]

Applicant's Name (first name should be included) [REDACTED]

Applicant's Contact Number: [REDACTED]

Consultant's Name [REDACTED] - SUDHOLZ PTY LTD.

Consultant's Contact Address SUDHOLZ PTY LTD,
72 LAGOON STREET,
GOONDIWINDI, Q. 4390.

Consultant's Contact Number [REDACTED]

Council Information Only
 Payment Received

Permit No 83339.

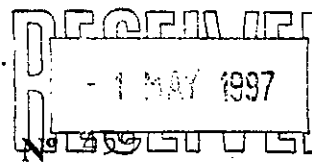
Date of Lodgement 22/9/2000

Name of Officer [REDACTED]



Wet-seal

BRISBANE



0 / N 930693774

Date: 14-4-97

Installation Certificate

This certificate is used to show that the wet areas listed below have been water-proofed using approved **Wet-seal Australia** products and methods, and has been installed by an **Independent Licensee of Wet-seal Australia**.

Name of owner:

Job address: Kogan Rd

Town: Warra 4411 State: Qld

Name of builder: Pingel Homes

Builder's address: P O Box 104

Town: Gatton 4343 State: Qld

Areas water-proofed

- 2 Shower area base N.E.W (Initial if OK)
- 2 Shower area flashings N.E.W
- Flashings around bathroom
- Flashings around toilet
- Flashings around laundry
- En-suite shower N.E.W
- En-suite shower flashings
- Flashings around en-suite
- Full bathroom floor
- Full en-suite floor
- Full toilet floor
- Full laundry floor

Passed & approved by your local
Independent Licensee for Wet-seal Australia.

PLANTER BOX N.E.W
UP THE WALL 3 SHOWERS N.E.W Signed

Comments:

Guarantee - 3 YEAR WORKMANSHIP

I hereby guarantee work carried out to the above premises, for 3 years from the date hereof against all defects in workmanship. This guarantee shall not cover damage to the work caused by other persons.



Date: 14-4-97 Signed



ACN 007 090 280
Unit 7/12 Prescott Street
Toowoomba Qld 4350
Telephone: (07) 4638 4711
Facsimile: (07) 4638 1315

RECEIVED
23 JUN 1997

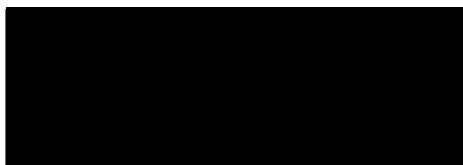
19 June 1997

Pingel Homes
PO Box 104
GATTON QLD 4343

Dear Sir

We wish to advise that the glass used for Stegbar showerscreens supplied and installed at Kogan Road Warra is safety glass and complies with the Australian Safety Standards Association AS 1288-94.

Yours faithfully



BRANCH MANAGER

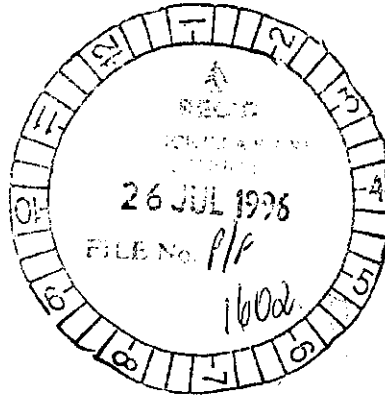




25th July, 1996

ENTERED
IN INDEX

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



Dear Sir,

Re: Building Permit No 1681

To simplify construction of the suspended slab, we have taken out the step downs to the wet areas and as such, the engineering plans have been changed. Please find enclosed Engineering plan sheets nos 1 and 2 from Creedon Reid & Associates for your information.

Should you have any queries in relation to this matter please do not hesitate to contact me.

Yours faithfully,



BUILDING MANAGER
PINGEL HOMES
1996 AUSTRALIAN QUALITY BUILDER OF THE YEAR



Encs.

B+A

AD 29-7-96



CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



IN REPLY PLEASE QUOTE

OUR REFERENCE **PP1602**

YOUR REFERENCE

**ENTERED
IN INDEX**

5 July 1996

Baker Johnson
Lawyers
PO Box 2
BURPENGARY 4505

Dear Sir,

Re: Building Compliance Search
Lot 2 [REDACTED] - Parish of Colamba
"Tulagoon" Miltons Road, Chinchilla
Sale of Property - [REDACTED]

I refer to your request dated the 25 June 1996 for a Building Compliance Search on the above mentioned property. An inspection was carried out and I advise the following.

The site improvements consist of a low set timber framed dwelling on a brick base with a timber floor. The external walls are sheathed with hardiplank and the roof is sheathed with zincalume trimdek. There is also a covered verandah on a brick base with a concrete floor to the eastern side of the dwelling.

In addition, there is a stockyard as well as three (3) detached sheds constructed of timber and steel which are generally used for farm related use and machinery storage.

All site improvements appear to have been carried out for quite some time and Council has no records of improvements requiring Council approval during the past eleven (11) years.

The material contained in this document has been extracted from available Council records and is provided solely for the information of the party requesting it. Records in Council's possession are prepared for the purpose of assisting it to carry out its statutory functions and for no other purpose. Due to the inherent nature of building work and to the fact that Council's resources are limited, mistakes can and do occur in connection with approvals and inspections. No person making any decision with financial or legal implications should rely upon any information provided by Council as necessarily reflecting the actual state of compliance with relevant requirements and an independent assessment should be sought in that regard. Council makes no statement about the quality of building work.

Yours faithfully,


CHIEF EXECUTIVE

G.J Brandon & Associates Pty Ltd

CONSULTING ENGINEERS

Chartered Civil Engineers; Certified Local Government Engineers
A.C.N. 010 461 113

8 Colamba Street
CHINCHILLA Q 4413

24 Quintin Street
ROMA Q 4455

Council Chambers
TAROOM Q 4420

Council Chambers
ST GEORGE Q 4487

2/93 Clermont Street
EMERALD Q 4720

Principal Executive Officer:
G J BRANDON, BE, FIE Aust.

Directors:
R J HICKS, BE, MIE Aust.
B A PAYNE, BE, MIE Aust.
J LLEWELLYN, BE, MIE Aust.
G G COOK, BE, MIE Aust.

Secretary:
J D McQUAID

PO Box 147
Chinchilla Q 4413

Tel: (076) 689351
Fax: (076) 689851

Enq: Richard Fothergill

5th July, 1996

The Chief Executive
Chinchilla Shire Council
P.O. Box 42
CHINCHILLA Q 4413

Dear Sir,

Re: Building Compliance Search
Lot 2 [REDACTED]
"Tulagoon" Milton's Road, Chinchilla
Sale of Property - MJ & SL Kubler to D & BM Richardson

We wish to advise that an inspection relative to the above was carried out on 4th July 1996 as requested by lawyers, Baker Johnson, and the following report is submitted to Council.

The site improvements consist of a lowset timber framed dwelling on a brick base with a timber floor. The external walls are sheeted with hardiplank and the roof is sheeted with zincalume trimdek. There is also a covered verandah on a brick base with a concrete floor to the eastern side of the dwelling.

In addition, there is a stockyard as well as three (3) detached sheds constructed of timber and steel which are generally used for farm related use and machinery storage.

All site improvements appear to have been carried out for quite some time and Council has no records of improvements requiring Council approval during the past eleven (11) years.

The inspection has revealed that there would be no Council requisitions on the site improvements.

The material contained in this document has been extracted from available Council records and is provided solely for the information of the party requesting it. Records in Council's possession are prepared for the purpose of assisting it to carry out its statutory functions and for no other purpose. Due to the inherent nature of building work and to the fact that Council's resources are limited, mistakes can and do occur in connection with approvals and inspections. No person making any decision with financial or legal implications should rely upon any information provided by Council as necessarily reflecting the actual state of compliance with relevant requirements and an independent assessment should be sought in that regard. Council makes no statement about the quality of building work.

Yours faithfully,
G.J. BRANDON & ASSOCIATES PTY. LTD.

[REDACTED]
(Director)

Date: 25/6/96
Reference: CG:YM:960352B

205/1307
320/1304

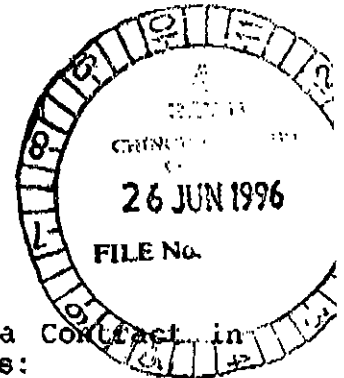
BAKER JOHNSON
Lawyers
PO Box 2
BURPENGARY 4505

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA QLD 4413

RATE & BLD SEARCH \$152.00

Dear Sir

RE: RICHARDSON & MATTHEWS PURCHASE FROM KUBLER



We are acting for the proposed purchaser under a Contract in respect of which the following are the particulars:

PURCHASER: [REDACTED]
MATTHEWS
Address: [REDACTED] CACCINI CRESCENT, BURPENGARY

VENDOR: [REDACTED]
Address: PO BOX [REDACTED] CHINCHILLA

Description of Land: LOT 2 ON R.P. [REDACTED]
Situate at: "TULAGOON" MILTON'S ROAD, CHINCHILLA
County: LYTTON Parish: COLAMBA
Area: 56.62 hectares
Certificate of Title: 16693091
Consideration: 160,000.00
Nature of improvements: DWELLING
Date of sale: 15 July 1996

Would you please advise us of the amount of rates payable for the current period and whether the rates are paid to date. At the same time, please advise us of your Council's unimproved valuation of the land and of any other requirements of your Council.

Has Notice of Resumption or any other Notice been issued by the Council in relation to this land?

Please forward to us your building records information (if applicable), zoning information and information regarding flooding and drainage of the property.

ANNEXURE

COUNCIL SEARCH

CG:YM:960352B

Kindly also advise as to the following:-

1. Is the subject property affected by any notification from the Department of Defence ?
2. Have you received any notice from any other Government Department or any other body indicating a prior adverse use of the site ?

Yours faithfully

BAKER JOHNSON

per:



CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1602

YOUR REFERENCE

ENTERED
IN INDEX

27 June 1996

COPY FAXED
28-6-96

The Manager
Atlas House Removals
Lot 6
Pearson Road
YATALA Q 4207

Attention: [REDACTED]

Dear Sir,

I refer to our telephone conversation of today's date and wish to confirm that Council has no objection to the removal of a house from the property "Warra Warra" in the Chinchilla Shire to Brisbane.

Council does not require a building application for this removal, however the Brisbane City Council may.

Yours faithfully,

[REDACTED]

CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

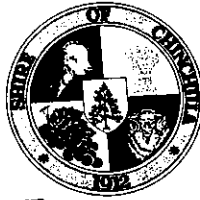
PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



IN REPLY PLEASE QUOTE

OUR REFERENCE
PFI602

YOUR REFERENCE

ENTERED
IN INDEX

16 January 1996

Carvosso & Winship
Solicitors
PO Box 527
DALBY 4405

Dear Sir,

Re: Building Compliance Search
Lot 1 [REDACTED] - Parish of Earle
Sale of Property - Hayward Pty Ltd to [REDACTED]

I refer to your request dated the 22 December 1995 for a Building Compliance Search on the above mentioned property. An inspection was carried out and I advise the following.

Cottage

This site improvement consists of a low set dwelling of timber construction situated on timber stumps approximately 600 mm above ground. The walls are sheeted with chamfer boards and the roof is sheeted with corrugated iron.

A detached building containing a laundry facility and carport is located to the rear of the cottage. This is of timber construction and corrugated iron sheeting to both the walls and roof.

Homestead

This site improvements consists of a high set dwelling of timber construction situated on timber stumps approximately 1800 mm above ground. The walls to the upper level are sheeted with chamfer boards and the roof is sheeted with corrugated iron. The lower level is mainly used for storage of miscellaneous items. There is a verandah which runs around the perimeter of the house on three sides.

This homestead is very old and is badly deteriorated. It is unoccupied at the present and it appears to have been unoccupied for quite some time.

Dwelling

This site improvement consists of a low set dwelling of timber construction situated on timber stumps approximately 450 mm above ground. The walls are sheeted with weatherboards and the roof is sheeted with corrugated iron.

The dwelling has an open patio to the north eastern side which has a concrete slab and corrugated iron roof.

There is also a detached shed with a coldroom to the rear of this building which is constructed of timber and sheeted with colorbond sheeting to both walls and roof.

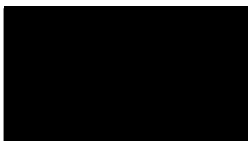
In addition there are a number of larger timber and steel constructed farm sheds, animal pens, stockyards and ringtank etc used generally for farm related use and machinery storage.

Site improvements have been carried out for quite some time and Council has no records of improvements requiring Council approval during the past twelve (12) years.

The material contained in this document has been extracted from available Council records and is provided solely for the information of the party requesting it. Records in Council's possession are prepared for the purpose of assisting it to carry out its statutory functions and for no other purpose. Due to the inherent nature of building work and to the fact that Council's resources are limited, mistakes can and do occur in connection with approvals and inspections.

No person making any decision with financial or legal implications should rely upon any information provided by Council as necessarily reflecting the actual state of compliance with relevant requirements and an independent assessment should be sought in that regard. Council makes no statement about the quality of building work.

Yours faithfully,

A solid black rectangular box redacting the signature of the Chief Executive.

CHIEF EXECUTIVE

G J Brandon & Associates Pty Ltd

CONSULTING ENGINEERS
Chartered Civil Engineers; Certified Local Government Engineers
A.C.N. 010 461 113

Principal Executive Officer:
G J BRANDON, BE, FIE Aust.

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ST GEORGE Q 4487

2/93 Clermont Street
EMERALD Q 4720

PO Box 147
Chinchilla Q 4413

Tel: (076) 689351
Fax: (076) 689851

Enq: Richard Fothergill

12th January, 1996

The Chief Executive
Chinchilla Shire Council
P.O. Box 42
CHINCHILLA Q 4413

Dear Sir,

Re: **Building Compliance Search**
"Warra Warra"
Lot [REDACTED] Parish of Earle
Hayward Pty Ltd Sale to [REDACTED]

We wish to advise that an inspection was carried out on Friday 12th January 1996 relative to the above as requested by Solicitors, Carvosso & Winship and the following report is submitted to Council.

Cottage:

This site improvement consists of a low set dwelling of timber construction situated on timber stumps approximately 600 mm above ground. The walls are sheeted with chamfer boards and the roof is sheeted with corrugated iron.

A detached building containing a laundry facility and carport is located to the rear of the cottage. This is of timber construction and corrugated iron sheeting to both the walls and roof.

Homestead:

This site improvement consists of a high set dwelling of timber construction situated on timber stumps approximately 1800 mm above ground. The walls to the upper level are sheeted with chamfer boards and the roof is sheeted with corrugated iron. The lower level is mainly used for storage of miscellaneous items. There is a verandah which runs around the perimeter of the house on three sides.

This homestead is very old and is badly deteriorated. It is unoccupied at the present time and it appears to have been unoccupied for quite some time.

Building Compliance Search

"Warra Warra"

Lot 1 [REDACTED] Parish of Earle [REDACTED] (Cont'd)
Hayward Pty Ltd Sale to [REDACTED]

Dwelling:

This site improvement consists of a low set dwelling of timber construction situated on timber stumps approximately 450 mm above ground. The walls are sheeted with weatherboards and the roof is sheeted with corrugated iron.

The dwelling has an open patio to the north eastern side which has a concrete slab and corrugated iron roof.

There is also a detached shed with a coldroom to the rear of this building which is constructed of timber and sheeted with colorbond sheeting to both walls and roof.

In addition there are a number of larger timber and steel constructed farm sheds, animal pens, stockyards and ringtank etc used generally for farm related use and machinery storage.

Site improvements have been carried out for quite some time and Council has no records of improvements requiring Council approval during the past twelve (12) years.

The material contained in this document has been extracted from available Council records and is provided solely for the information of the party requesting it. Records in Council's possession are prepared for the purpose of assisting it to carry out its statutory functions and for no other purpose. Due to the inherent nature of building work and to the fact that Council's resources are limited, mistakes can and do occur in connection with approvals and inspections. No person making any decision with financial or legal implications should rely upon any information provided by Council as necessarily reflecting the actual state of compliance with relevant requirements and an independent assessment should be sought in that regard. Council makes no statement about the quality of building work.

Yours faithfully,

G.J. BRANDON & ASSOCIATES PTY. LTD.

[REDACTED]
(Director)

CARVOSSO & WINSHIP

Solicitors

PRINCIPALS:

M.C. BOUGOURE
G.L. HOPKINS LL.B
W.J. SCHIRMER B.COM., LL.B.
S.J. MEAD LL.B.

CONSULTANT:

R.W. WALKER

Your Ref:

Stuart Street
DALBY 4405
Queensland

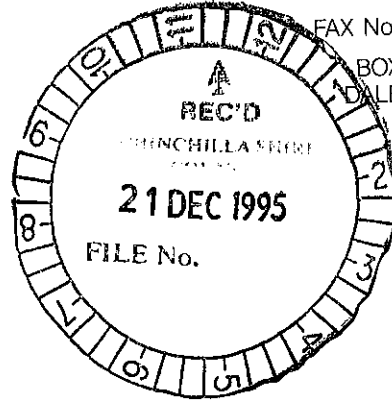
Our Ref: MCB:TSB:AVB
95/12190

TELEPHONE: 62 2033 (5 lines)

Area Code: 076

FAX No. 076 62 1093

BOX 527, P.O.
DALBY, Q. 4405



20th December, 1995.

The Chief Executive Officer,
Chinchilla Shire Council,
Heeney Street,
CHINCHILLA. Q. 4413.

Dear Sir,

re: HAYWARD PTY. LTD. SALE TO [REDACTED]

PROPERTY AT: "Warra Warra",
WARRA. Q. 4411.

We refer to the above matter and to the above property and we would be pleased if you would conduct a Building Inspection of the buildings erected upon the abovementioned property.

We enclose herewith our Office Account Cheque in the sum of \$94.50 being your Building Inspection fee.

We look forward to receipt of the outcome of the inspection in due course.



lly,
SHIP



CARVOSSO & WINSHIP

Solicitors

PRINCIPALS:

M.C. BOUGOURE
G.L. HOPKINS LL.B.
W.J. SCHIRMER B.COM., LL.B.
S.J. MEAD LL.B.

CONSULTANT:

R.W. WALKER

Stuart Street
DALBY 4405
Queensland

TELEPHONE: 62 2033 (5 lines)
Area Code: 076

FAX No. 076 62 1093

BOX 527, PO.
DALBY, Q. 4405

Your Ref:

Our Ref: MCB.TSB
95/12190

22nd December, 1995

The Chief Executive Officer,
Chinchilla Shire Council,
Heeney Street,
CHINCHILLA Q 4413

Dear Sir,

RE: HAYWARD PTY. LTD. SALE TO [REDACTED]
"WARRA WARRA" PROPERTY WARRA

We refer to this morning's telephone conversation and attach our Office Account Cheque for \$60.50 on account short-paid fees.

Would you please send to us a list of new applicable Search fees.

[REDACTED]
Fully,
WINSHIP



22 DEC '95 09:02 FROM CARVOSSO AND WINSHIP

TO 627720

P.01/01

Atttn: [Redacted]

Per box

MCB:TSB:AVB
95/12190

20th December, 1995.

The Chief Executive Officer,
Chinchilla Shire Council,
Heeney Street,
CHINCHILLA. Q. 4413.

Dear Sir,

re: HAYWARD PTY. LTD. SALE TO [Redacted]

PROPERTY AT: "Warra Warra",
WARRA. Q. 4411.

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We look forward to receipt of the outcome of the inspection in due course.

Yours faithfully,
CARVOSSO & WINSHIP
[Redacted]

100
53

153

\$60.50

Attn:



MCB:TSB:AVB
95/12190

20th December, 1995.

The Chief Executive Officer,
Chinchilla Shire Council,
Heeney Street,
CHINCHILLA. Q. 4413.

Dear Sir,

re: HAYWARD PTY. LTD. SALE TO

PROPERTY AT: "Warra Warra",
WARRA. Q. 4411.

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We enclose herewith our Office Account Cheque in the sum of \$94.50 being your Building Inspection fee.

We look forward to receipt of the outcome of the inspection in due course.

Yours faithfully,
CARVOSSO & WINSHIP



100
53

153

60-50

Attn:




MOG:FSR:AVH
08/12/95

20th December 1995

The Chief Executive Officer,
Chicochilla Shire Council,
Beacons Street,
Chicochilla Q. 4413.

Dear Sir,

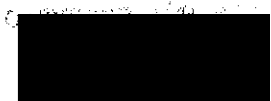
RE: MAYORALTY FEE, 1995, PAID TO 

PROPERTY AT: "Warra Warra",
WARRA Q. 4413.

We refer to the above matter and to the above property and we would be pleased if you would conduct a Building Inspection of the building and upon the abovementioned property.

We enclose herewith our Office Account Cheque in the sum of \$50.00 being your Building Inspection fee.

We look forward to receipt of the outcome of the inspection in due course.

Yours faithfully,


100
53

153

60-50

CHINCHILLA SHIRE COUNCIL

PO BOX 42

CHINCHILLA 4413

TELEPHONE (076) 62 7056

FACSIMILE (076) 62 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



IN REPLY PLEASE QUOTE

OUR REFERENCE
PF1602

YOUR REFERENCE

22 December, 1995

Carvosso & Winship

Solicitors

PO Box 527

DALBY 4405

Dear Sir,

Re: Hayward Pty Ltd to [REDACTED]

I refer to your request dated 20 December, 1995, in respect of the above and land described as Lot 1 on [REDACTED] Parish of Earle and wish to advise details from Council's records as listed below:

a) Rates for half-year 1 July, 1995 to 31 December, 1995:

General	\$ 1299.37
Sewerage	Nil
Garbage	Nil
Water	Nil
Excess Water	Nil
Total	\$ 1299.37
Discount Allowed:	\$194.91

b) Rates are paid to 31 December, 1995.

c) Unimproved Capital Value \$157500.

d) Zoned as Rural A.

e) The property is currently in the name of Hayward Pty Ltd.

f) Town water and sewerage are not available to this property.

g) Access road has a bitumen surface and is an all weather road.

h) Some areas of this property may be subject to flooding.

The material contained in this document has been extracted from available Council records and is provided solely for the information of the party requesting it. Records in Council's possession are prepared for the purpose of assisting it to carry out its statutory functions and for no other purpose. Due to the fact that Council's resources are limited, mistakes can and do occur in connection with approvals and inspections.

No person making any decision with financial or legal implications should rely upon any information provided by Council as necessarily reflecting the actual state of compliance with relevant requirements.

Yours faithfully,

A solid black rectangular box used to redact the signature of the Chief Executive Officer.

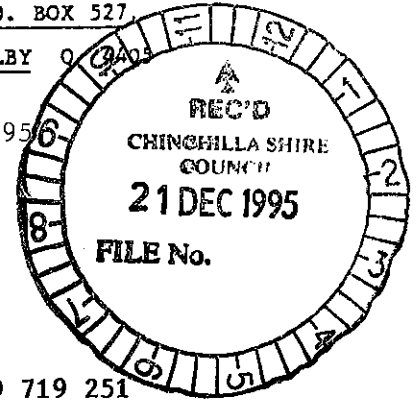
CHIEF EXECUTIVE OFFICER

CARVOSSO & WINSHIP, *PK1602*

SOLICITORS,

P.O. BOX 527

DALBY Q 3403



OUR REF: MCB:TSB:AVB:9512190 DATE: 20th December, 1995

The Chief Executive Officer,
Chinchilla Shire Council,
Heeney Street,
CHINCHILLA. Q. 4413.

Dear Sir,

re: Transfer - HAYWARD PTY. LTD. ACN 009 719 251

To - [REDACTED]

Land situated at No. "WARRA WARRA" Street, WARRA

described as: LOT 1 ON CROWN PLAN [REDACTED] COUNTY OF LYTTON
PARISH OF EARLE REFERENCE NO. 12990097

We are acting for the Purchaser in connection with the above Transfer and request the following information in regard to the above land. We enclose our Office Account Cheque in the sum of \$ 30.00 on account of search fees herein.

Vendor

Purchaser

Council Assessment

Property Description

Current Rates

Rate Arrears

Date Paid To

Discount Allowed

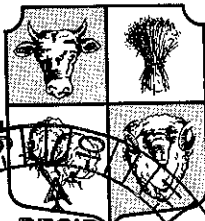
Unimproved Value

Other Charges
on the Land

Other

[Signature]
Yours Faithfully,
[REDACTED]

WAMBO



3071

Shire Council

Telephone:
Dalby (076) 62 2922

P.O. Box 549,
Dalby, Q. 4405
Fax (076) 62 1738



DALBY

CO'C:CEA
FILE: M16/3403/601 (L9003077/WP/LT)

26th March, 1990.

The Shire Clerk,
Chinchilla Shire Council,
P.O. Box 42,
CHINCHILLA. QLD. 4413.

Dear Sir,

RE: LEVEE BANK APPLICATION

Council wishes to advise that it raises no objection to Levee Bank on Portion 1, 2 and 3 Parish of Earle.

It is suggested that the Head Ditch on the western side of the Boundary section of the Warra-Kogan Road, be formed to allow water to outlet away from the road culverts (2 of).

Yours faithfully

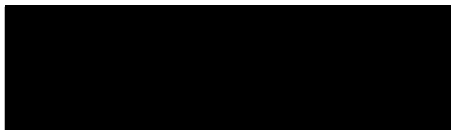
SHIRE CLERK

However it will be necessary to have licensed those diversion channels associated with waterharvesting pumps and referred to on the abovementioned plan as "Channels 1 and 2".

It is considered that none of the proposed head ditches or drains can be defined as levee banks within the definition described in the Water Resources Act 1989. This Office holds aerial photographs 53 and 54 of Run 3 of Series QP4222 taken during flooding in 1983. These photographs are pertinent to Hayward's property and can be made available to your Council if you so require.

If you have any further queries concerning this matter please do not hesitate to contact the Officer whose name appears at the head of this letter.

Yours faithfully,

A large black rectangular redaction box covers the signature area. Below the box, the name "D. J. B. B. B." is faintly visible and partially obscured by a horizontal line.

MINUTES OF THE GENERAL MEETING OF THE COUNCIL OF THE SHIRE
OF CHINCHILLA HELD ON 15 FEBRUARY 1990 COMMENCING 9.40 A.M.

ATTENDANCE: Crs. I. H. Middleton (Chairman) [REDACTED]
[REDACTED]

Officers in Attendance: [REDACTED] (Shire Clerk), [REDACTED]
(Deputy Shire Clerk) [REDACTED] (Technical Supervisor) and
[REDACTED] (Health Surveyor).

OPENING PRAYER

The Chairman opened the meeting with the recitation of the Lord's Prayer.

Leave of Absence

1. Moved Cr. Vellnagel seconded Cr. Wolski that leave of absence be granted to Cr. McCutcheon.

CARRIED.

CONFIRMATION OF MINUTES

2. Moved Cr. Green seconded Cr. Nousala that the Minutes of the General Meeting of the Council held on 25 January, 1990 be confirmed as read.

CARRIED.

BUSINESS ARISING

Page 3 - Levee Bank License - Hayward (1/11/11)

Crs. Middleton, [REDACTED] and the Technical Supervisor reported on a meeting held with [REDACTED] and [REDACTED], Agricultural Design Engineer for the project.

The Technical Supervisor reported on pumping proposals, road crossings, floodways etc. and advised that further levels will be provided for Council.

3. Moved Cr. Vellnagel Seconded Cr. Green that Council write to Wambo Shire advising them of details of the project and notifying them that a head ditch is planned along the Warra-Kogan Road which is the boundary of Chinchilla and Wambo Shires and that Council also write to Main Roads Department advising of the head ditch on Warra-Kogan Road and request their requirements in relation to the Head ditch.

SHIRE CLERK'S REPORT TO LEVEE BANKS COMMITTEE

1

2 February, 1990

Chairman & Councillors,
Chinchilla Shire Council,
CHINCHILLA. Q. 4413


Dear Sirs,

Matters for discussion by the Committee include:-

1. License application for Levee Banks etc. by Hayward Pty Ltd over Portions 1, 2 & 3, Parish of Earle, County of Lytton.
The application was duly advertised and no objections were received.

A report from the Queensland Water Resources Commission will be on hand by meeting day and the Main Roads Department has advised that they have no requirements in relation to the application.

Yours faithfully,


(Shire Clerk)

Presented to the Levee Banks Committee Meeting held on 8 February, 1990.

.....
SHIRE CLERK

4. Moved Cr. Green seconded Cr. Riemers that Council write to the Rural Lands Protection Board requesting that a standard coloured marker be set for identifying parthenium plant outbreak areas.

CARRIED.

Page 15 - Parthenium - [REDACTED] (7/12/4)

It is reported that [REDACTED] has recently had 40 acres aerial sprayed for parthenium. The Acting Stock Routes Supervisor is monitoring the situation.

The Shire Clerk reported that a number of plant sitings have been reported over the holidays. These sitings will be monitored.

Page 16 - Grid - Chinchilla/Wondai Road (5/9/5)

Reported that correspondence on this matter indicates that the the required work on this grid is the responsibility of the Main Roads Department and the Rural Lands Protection Board on a 50% each basis.

Page 17 - Levee Bank License - [REDACTED] (1/11/11)

Reported that the date for the closing of objections was 28 December, with none being received. The Main Roads Department has verbally advised that there are no problems with the ring tank and no reply has yet been received from the Water Resources Commission.

It is hoped to consider the application at the February Committee Meeting.

Page 18 - Illegal Levee Bank (1/11/11)

Reported that Koehler Bros have advised Council that the levee bank was constructed to stop soil erosion until grasses established. This was suggested by [REDACTED] and agreed to by [REDACTED]. Further same served its purpose and has been removed.

Technical Supervisor advised he has inspected the site and the bank has been partly removed, however the soil has not been returned to its original position due to the sorghum crop in the area.

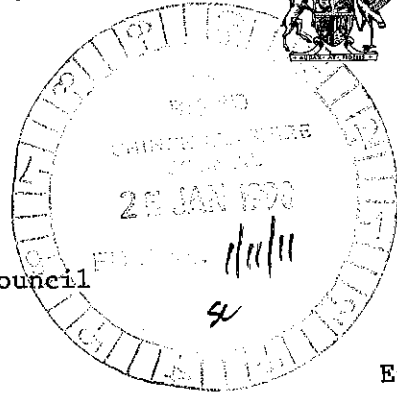
5. Moved Cr. Vellnagel seconded Cr. McCutcheon that Council write to Koehler Bros. advising that an inspection of the area will be undertaken following the removal of [REDACTED] sorghum crop to ascertain whether the land has been returned to its natural levels and ascertain whether a water problem exists.

Downs District Office



Main Roads

Main Roads Department, Queensland



The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA 4413

Phillip Street
Toowoomba
PO Box 645
Toowoomba 4350
Queensland
Telephone 076 390777
Facsimile 076 390750

24 January 90

Enquiries [Redacted]
Your Reference [Redacted]
Our Reference 33/1/702.7 IKW:EJS

Dear Sir,

**WARRA-KOGAN ROAD
LEVEE BANK AND DAM
PORTION 1, 2 AND 3 PARISH OF EARLE**

Further to your letter 1/11/11 of 3 January 90 and subsequent inspection on 23 January 90 Main Roads has no requirements in relation to the above proposal.

Yours faithfully,

[Redacted signature]

DISTRICT ENGINEER

District Office



Main Roads

Main Roads Department, Queensland

The Shire Clerk
Chinchilla Shire Council
PO Box 42
CHINCHILLA 4413

2575

Phillip Street
Toowoomba
PO Box 645
Toowoomba 4350
Queensland
Telephone 076 390777
Facsimile 076 390750

20 December 89

Enquiries [REDACTED]
Your Reference
Our Reference 33/1/702.7 IKW:EJS

Dear Sir,

**WARRA-KOGAN ROAD
PROPOSED LEVEE BANK AND DAM
PORTION 1, 2 AND 3 PARISH OF EARLE**

With reference to your letter 1/11/11 of 6 December 89 would you please forward details of the proposed dam so that the matter of visibility can be investigated.

Yours faithfully,

[REDACTED]

DISTRICT ENGINEER

14 December, 1989

Plant Purchases (14/2/5)

Cr. Vellnagel requested Councils direction on the calling of tenders for purchase of a dog trailer and water tank.

52. Moved Cr. Reimers seconded Cr. Wolski that Council call tenders for the supply and delivery of a dog trailer. In addition quotes be obtained for the manufacture and delivery of a water tank and an order placed on the most competitive quotation in order that supply may be expedited.

CARRIED.

ADOPTION OF REPORT

53. Moved Cr. Smith seconded Cr. Reimers that the Workshop Superintendents report be received and adopted.

CARRIED.

GENERAL BUSINESS

Cr. Wolski

Saleyards Maintenance Inspection (23/2/1)

54. Resolved that staff undertake an inspection of the Saleyards prior to the first sale in 1990 and prepare a maintenance listing of work required.

Cr. McCutcheon

Brigalow State School Plans for Set Down (12/1/13)

55. Moved Cr. McCutcheon seconded Cr. Vellnagel that Council forward a letter to the Department of Main Roads attaching a copy of Councils previous letter to the Department of Works outlining Councils attitude to the proposed works.

CARRIED.

Haywards Pty Ltd - Levee Bank Licence (1/11/11)

Cr. McCutcheon enquired on the situation with regards to the licencing of levee banks.

The Shire Clerk advised that the application is currently advertised and plans are available at the Shire Office for inspection with copies being forwarded to the Main Roads Department and Water Resources Commission for their comments.

Overhead Bridge (12/2/4)

Enquired on progress with the amount of Green Panic on the overhead bridge which will cause problems and a fire hazard if not rectified.

1/11/89

CHINCHILLA SHIRE COUNCIL

NOTICE

Notice is hereby given that the undermentioned application for a License under the provision of Subsection (24) of Section 47 of the Local Government Act 1936-1988 has been made to the Chinchilla Shire Council.

Applicant: Hayward Pty Ltd, "Noola Plains", Brigalow.

The owner of: Portions 1, 2 and 3, Parish of Earle, County of Lytton.

Proposed work: Ring tank, head ditches and tail drains for water storage, irrigation and drainage purposes.

A person being the owner or occupier of land likely to be affected by the licensing of the work may, in writing signed by him, and addressed to the Shire Clerk, Chinchilla Shire Council, object to such license being granted and submit in writing to the Shire Clerk the grounds of such objection.

The application and plans are open to inspection at the Council's Office.

The 28th day of December, 1989 has been appointed as the last day for the receipt of objections.


(Shire Clerk)

PO Box 42,
Chinchilla. Q. 4413

Chinchilla News - 7 December, 1989

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

6 December, 1989

The District Engineer,
Water Resources Commission,
PO Box 3180 Town Hall Post Office,
TOOWOOMBA Q. 4350

Dear Sir,

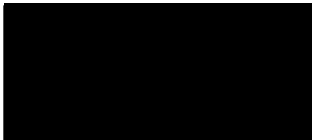
Re: Levee Bank Application

Council has received a levee bank license application for Portions 1, 2 & 3, Parish of Earle.

I enclose herewith a copy of the application and request your views on the proposal.

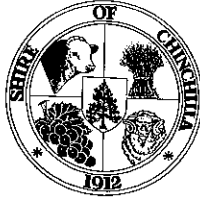
Your early advices hereon would be appreciated. Please return the application file at your earliest convenience.

Yours faithfully,



(Shire Clerk)

CHINCHILLA SHIRE COUNCIL
PO BOX 42
CHINCHILLA 4413
TELEPHONE (74) 62 7056



IN REPLY PLEASE QUOTE

OUR REFERENCE 1/11/11

698

YOUR REFERENCE

ADDRESS ALL CORRESPONDENCE TO THE SHIRE CLERK

6 December, 1989

The District Engineer,
Main Roads Department,
PO Box 645,
TOOWOOMBA Q. 4350

Dear Sir,

Re: Warra - Kogan Road

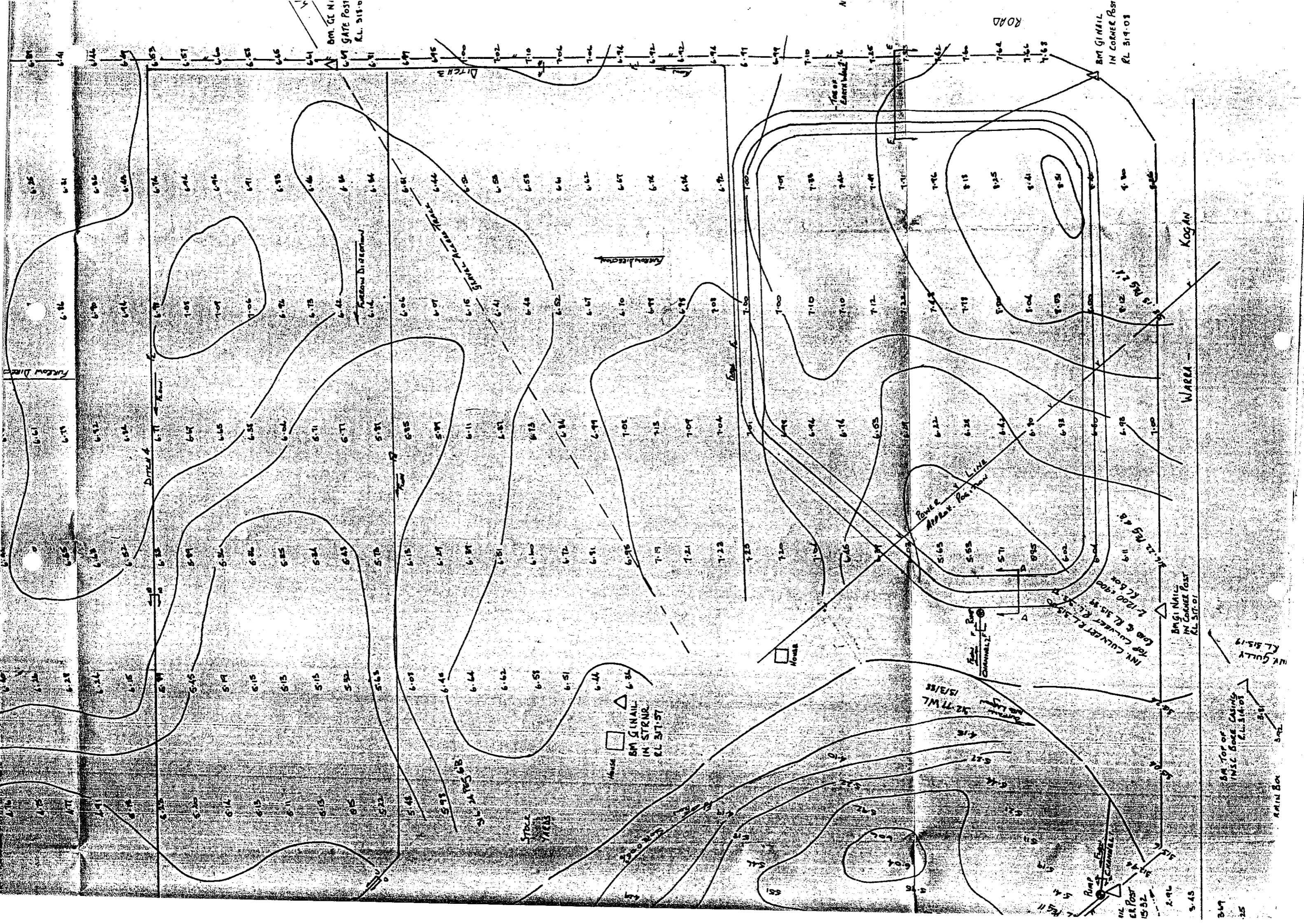
Council has received an application to license a levee bank and dam on Portions 1,2 &3, Parish of Earle.

The proposed siting of the dam would appear to restrict the visibility of traffic travelling along the Warra/Kogan road and accordingly Council would appreciate any comments you would like to make regarding the application.

Your early attention hereto would be appreciated.

Yours faithfully,

(Shire Clerk)



BM. GE. N. I.
GATE POST
R.L. 318.0

ROAD

BM GINAIL
IN CORNER POST
RL 319.08

Arrow direction

WARRA -

BM GINAIL
IN CORNER POST
RL 317.01

IN GULLY
RL 315.19

BM Top of
MSC Gate Cairn
R.L. 314.01

RAIN BOX

3.45
3.49
3.25

CHINCHILLA SHIRE COUNCIL

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1981.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, _____, of _____, in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of applicant: HAYWARD Pty LTD
- (2) Postal address: NOOLA PLAINS BRISBANE
- (3) Location of work (see also 10) - County - LYTTON
Parish - EARLE, Real Property Office description
PORTION 1, 2 & 3, area -
- (4) Nature of Works: RING TANK, HEAD DITCHES & TAIL DRAINS
- (5) Purpose of work: WATER STORAGE, IRRIGATION & DRAINAGE
- (6) Particulars of work (if levee bank) - EARTH RING TANK ONLY
 - (a) Total length of levee bank 2500 metres.
 - (b) Maximum height 7.5 metres.
 - (c) Width of top 3.0 metres.
 - (d) Width of base max. 51 metres.
 - (e) Materials of which bank will be constructed: CLAY + BLACK SOIL
 - (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? THE CREST OF THE EARTH DAM IS HIGHER BUT THE BANK IN ITS
 - (g) Height of top of bank above highest known flood level: NATURAL STATE IS ALREADY HIGHER
- (7) Particulars of work (if drain or other excavation) -
 - (a) Total length 6,000 metres.
 - (b) Maximum depth 0.3 metres.
 - (c) Width of top 14.8 metres.
 - (d) Width at base 5.0 metres.
 - (e) State nature of soil at site:
- (8) Provision for preventing injury to other land arising from proposed work: THE TOP OF THE EARTH DAM WALL ARE 100 METRES FROM ROADS AND PROPERTY BOUNDARIES & 200 METRES FROM HOUSES
- (9) Period for which permit is required: 10 years
- 10) Plan of property, strictly to scale of 1:10,000 on space provided herein, showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- 11) Plan (to scale) of proposed levee bank showing proposed construction details:

(CONT. ON BACK)

DETAILS OF CROSS SECTION ARE SHOWN ON ATTACHED DRAWINGS

DETAILS OF CROSS SECTIONS ARE SHOWN ON ATTACHED DRAWINGS

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the sum of \$84 dollars _____ cents being the required application fee.

DATE 20.11.89
SIGNATURE OF APPLICANT _____

N.B. This application is required to be submitted in duplicate.

Rec 12799 \$84.00. 21/11/89.



Melton Capital
The Centre of the Western Downs

80 - 86 Heeney Street, PO Box 42
Chinchilla Qld 4413

Telephone 07 4662 7056

Facsimile 07 4662 7720

council@chinchilla.qld.gov.au

www.chinchilla.org.au

In Reply Please Quote: PF1885 :EH:JL

17 June 2005

ENTERED
IN INDEX

██████████
"Oakdene"

██████████ Chinchilla – Wondai Road

MS ██████████

CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Engineering Report – Levee Bank Approval

Reference is made to previous correspondence concerning the structures associated with Levee Bank Approval granted on 21 July 2000 as to the adequacy of the workmanship and structural soundness of the dam bank walls.

Council is in receipt of the Thompson Consulting Engineering Report dated 13 June 2005 addressing the issues of concern providing a survey plan of the dam structure.

Council considered the report at the General Meeting held on 16 June 2005 and accepted the report and survey plan on the condition that the structures involved with the Levee Bank Approval dated 21 July 2000 are maintained as recommended by Thompson Consulting Engineers in their report.

Yours faithfully

BC

██████████

Director
Thompson Consulting Engineers
PO Box 2184
TOOWOOMBA Q 4350

BC

Engineer

For your information.

██████████
CHIEF EXECUTIVE

For your information.

██████████

CHIEF EXECUTIVE

.....
CHIEF EXECUTIVE



80 - 86 Heeneey Street, PO Box 42
Chinchilla Qld 4413

Telephone 07 4662 7056

Facsimile 07 4662 7720

council@chinchilla.qld.gov.au

www.chinchilla.org.au

In Reply Please Quote: PF1885 :EH:JL

17 June 2005

[REDACTED]
Chinchilla - Wondai Road
MS 355
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir,

Re: [REDACTED] - Levee Bank Approval - 21 July 2000

Further to your letter dated 20 October 2004 and ongoing discussions and advice concerning the irrigation dam reservoir and infrastructure installed on land described as Lot 125 on Plan [REDACTED] Parish of Chinchilla and your concerns with regard to the stability of the structure.

Council has required the owners of Lot 125 on Plan [REDACTED] engage the services of a qualified Consulting Engineer to certify that the structure is sound and properly constructed providing "as constructed" plans.

Council is in receipt of a report on the structure which addresses the areas of:-

- Structural adequacy
- Soil dispersal of bank walls
- Adequacy of drainage channels along the bank wall

The report states that all aspects of the western wall including the drainage channel are in the Engineers opinion to be satisfactory provided that:-

- i) Regular maintenance is carried out on the dam wall as per good practice.
- ii) Cutting the bank back to 10 metres from the boundary is not advisable and enforcement of the requirement is not in the best interests of the long term performance of the outer batter of the western bank and soil should be reinstalled.
- iii) That the moisture levels are controlled in the bank wall through emerging careful filling of the storage after it has been dry to ensure that the risk of failure of the dam wall is reduced.
- iv) Should the western bank breach for any reason, there is more than adequate capacity inside the boundary catch bank to protect the neighbouring property from unintended runoff, recommending that the catch bank be reinforced and enlarged between the north west corner of the ring tank and the gully dam.

The report was considered by Council at the General Meeting held on 16 June 2005 and same was accepted on the condition that the structures involved with the Levee Bank approval dated 21 July 2000 is maintained as per "industry good practice" as recommended by the Consulting Engineer's in their report.

Further it was resolved that the survey plan of the structure be received by Council as sufficient to satisfy the requirement for "as constructed" plans of the structure.

Yours faithfully


CHIEF EXECUTIVE

BC



Director
Thompson Consulting Engineers
PO Box 2184
TOOWOOMBA Q 4350


BC

Engineer

For your information.

This is a copy of a letter sent to the adjoining landholders who are concerned at the structure.

.....
CHIEF EXECUTIVE


.....
CHIEF EXECUTIVE

**ENGINEERING REPORT TO THE GENERAL MEETING
HELD ON 16 JUNE 2005**

15 June 2005

Mayor and Councillors,
Chinchilla Shire Council,
CHINCHILLA QLD 4413.

Councillors,

Re: Levee Bank Approval

██████████
"Oakdene", Chinchilla

A report has been received from Thompson Consulting Engineers which addresses the areas of:-

- Structural adequacy
- Soil dispersal of bank walls
- Adequacy of drainage channels along the bank wall

The report stated that all aspects of the western wall including the drainage channel are in the Engineers opinion to be satisfactory provided that:-

- i) Regular maintenance is carried out on the dam wall as per good practice
- ii) Cutting the bank back to the required 8.0m alignment would not be a advisable
- iii) That the moisture levels are controlled in the bank wall through emerging careful filling of the storage after it has been dry, to ensure the risk of failure of the dam wall is reduced.

Also provided is an as constructed contour plan of the ring tank and two cross sections of the dam. Full as constructed plans of the total development have not been included. These were requested in Council's letter dated 17 December 2004.

Yours faithfully,

██████████
that

that Council advise ██████████

██████████
RESIDENT CONSULTING ENGINEER

Presented to the General Meeting of the Chinchilla Shire Council held on 16 June 2005.

.....
CHIEF EXECUTIVE

M S S P that Council write to M/S P advising the outcome of Engineers Report

**ENGINEERING REPORT ON
LEVEE BANK APPROVAL FOR
[REDACTED] AT "OAKDENE", CHINCHILLA**



The construction processes as described in the landholder's statement appear to be consistent with those processes generally in use for this type of structure. While some of these processes may not be considered ideal in terms of aesthetic considerations, they do not appear to affect long term structural adequacy.

The particular process referred to here is that of spilling and leaving loose material down the face of fill batters. This has given rise to a perception of there being a highly dispersive soil present, as water has run off the top of the bank down the interface between the compacted material and the overlying loose material. Given the dimensions and slopes of the banks as constructed, and assuming regular maintenance as per good practice, we do not consider this to be a major issue.

2.02 SOIL DISPERSION OF DAM BANK WALLS

As discussed in the previous paragraph, soil dispersion of the dam bank walls is not considered to be a significant risk. As well as our observations, the soils report indicates that there appears to be reasonable moisture and compaction in the wall, which minimizes the risk of piping failure as can occur in dispersive soils. Provided moisture levels are controlled through ensuring careful filling of the storage after it has been dry, then risk of failure is also reduced.

In addition, it was observed that a catch bank has been provided along the boundary with the neighbouring property which should direct any leakage back into the gully dam rather than allowing it to encroach on the neighbour's property. It has already been recommended to the landholder that this bank be reinforced and enlarged between the north west corner of the ring tank and the gully dam.

2.03 ADEQUACY OF DRAINAGE CHANNEL DESIGNS INC. FREEBOARDS ETC.

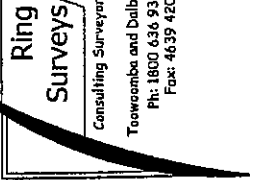
We have looked at the design of the drainage channel running parallel to the western boundary, along the top of the ring tank wall and along an elevated bed towards the south where it meets existing natural ground. This appears adequate in size for the slope. As previously noted in this report, should the western bank of this channel breach for any reason, there is more than adequate capacity inside the boundary catch bank to protect the neighbour from any unintended runoff.

3.0 ADDITIONAL COMMENTS

From discussions with the landholder, it appears that the design as presented to Council for original approval contained some significant practical problems which were corrected during construction, but never previously documented and advised to Council. When the issue of having a clear distance of 8.0metres from the boundary was raised, the landholder has made some on site alterations by cutting into the toe of the western bank by between one and two metres to achieve this clear distance.

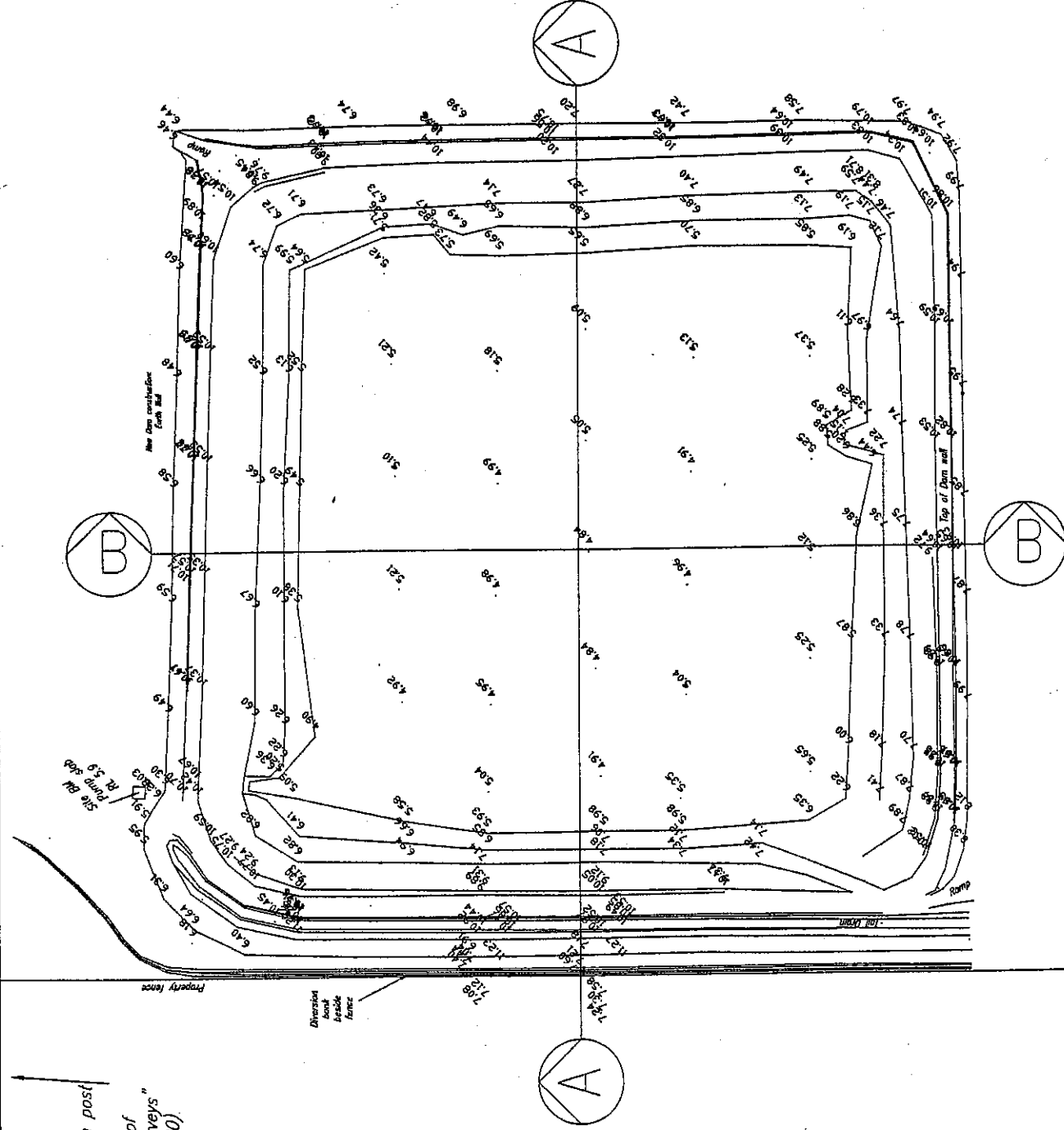
We believe that this distance may be arbitrary in nature, and if so, enforcement of this requirement is not in the best interests of the long term performance of the outer batter of the western bank. While we believe that the integrity of the dam wall would not be in question due to its width along this side, we would like to see this toe reinstated with compacted natural material to reduce the risk of slumping of this outer batter. Any such slumping would only add to the concerns already expressed by the neighbour, and so should be avoided.

As-constructed levels of new storage dam

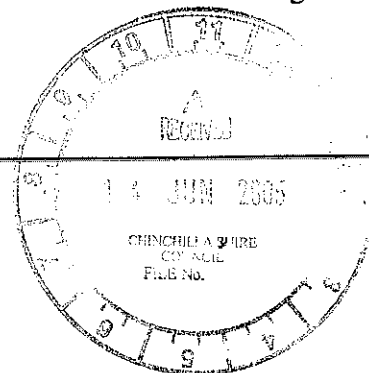


Consulting Surveyors
Townsville and Dalby
Ph: 1800 636 933
Fax: 4639 4201

AMENDMENTS	AUTH
ISSUE DATE	SUBJECT
DRAWN	SLR
DRAFTING CHECK	
SIGNED	
DATE	17/05/2015



Chinchilla Shire Council



From: [redacted]@thompson-consulting.com.au
Sent: Tuesday, June 14, 2005 10:41 AM
To: Chinchilla Shire Council
Subject: "Oakdene" ring tank report

The Chief Executive Officer
Chinchilla Shire Council
80-86 Heeney Street
PO Box 42
CHINCHILLA QLD 4413

Att: [redacted]

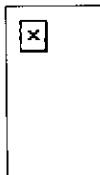
Dear Sir,

Please find attached in secure PDF format a copy of our report to Council on the "Oakdene" ring tank. Please contact me if you require any further information.

Regards

[redacted signature]

Director



Thompson Consulting Engineers Pty Ltd
e-mail: [redacted]@thompson-consulting.com.au
web page: <http://www.thompson-consulting.com.au>
Phone: [redacted]
Fax: + [redacted]
Mobile: [redacted]
Postal Address: PO Box 2184, Toowoomba QLD 4350

Our Ref 05-113R#01.DOC

Your Ref PF1885

13 June 2005

The Chief Executive Officer
Chinchilla Shire Council
80-86 Heeney Street
PO Box 42
CHINCHILLA QLD 4413

Att: [REDACTED]

Dear Sir,

**ENGINEERING REPORT ON
LEVEE BANK APPROVAL FOR
[REDACTED] AT "OAKDENE", CHINCHILLA**



We have been requested by [REDACTED] to inspect and report on the construction of a water storage ring tank constructed on "Oakdene", Chinchilla, based upon the requirements outlined in your letter PF1885, 21/1/14:GC:JL.

1.0 GENERAL

We carried out a site inspection on 11 March 2005, to visually assess the completed works. At that time we also arranged for a soils investigation to be carried out by South Queensland Soils to determine the uniformity and degree of compaction. The landholder provided us with a written statement as to how the construction process was carried out, and also organised for an "As Constructed" survey to be carried out by Ring Surveys. Reports and survey information has been received and reviewed by us, and our comments are addressed to your particular requests in the following paragraphs. Copies of the survey drawings are also appended.

2.0 PARTICULAR COMMENTS AS REQUESTED BY COUNCIL

2.01 LONG TERM STRUCTURAL ADEQUACY

The storage as constructed appears sound, with reported compaction which appears adequate and relatively uniform along the western wall (adjacent to the neighbouring property). The remainder of the walls were not tested at the request of the landholder due to cost considerations and the fact that any failure will inundate the landholder's own land.

Thompson Consulting Engineers

Pty Ltd

ACN 074 496 085

9 Aylmer Court

Toowoomba QLD 4350

AUSTRALIA

ALL MAIL TO

PO Box 2184

Toowoomba Qld 4350

AUSTRALIA

Tel +61 7 4638 5780

Fax +61 7 4638 5790

E-mail

tce@thompson-consulting.com.au

Web

www.thompson-consulting.com.au

Quality Assured ISO 9001

**ENGINEERING REPORT ON
LEEVE BANK APPROVAL FOR
[REDACTED] AT "OAKDENE", CHINCHILLA**



The construction processes as described in the landholder's statement appear to be consistent with those processes generally in use for this type of structure. While some of these processes may not be considered ideal in terms of aesthetic considerations, they do not appear to affect long term structural adequacy.

The particular process referred to here is that of spilling and leaving loose material down the face of fill batters. This has given rise to a perception of there being a highly dispersive soil present, as water has run off the top of the bank down the interface between the compacted material and the overlying loose material. Given the dimensions and slopes of the banks as constructed, and assuming regular maintenance as per good practice, we do not consider this to be a major issue.

2.02 SOIL DISPERSION OF DAM BANK WALLS

As discussed in the previous paragraph, soil dispersion of the dam bank walls is not considered to be a significant risk. As well as our observations, the soils report indicates that there appears to be reasonable moisture and compaction in the wall, which minimizes the risk of piping failure as can occur in dispersive soils. Provided moisture levels are controlled through ensuring careful filling of the storage after it has been dry, then risk of failure is also reduced.

In addition, it was observed that a catch bank has been provided along the boundary with the neighbouring property which should direct any leakage back into the gully dam rather than allowing it to encroach on the neighbour's property. It has already been recommended to the landholder that this bank be reinforced and enlarged between the north west corner of the ring tank and the gully dam.

2.03 ADEQUACY OF DRAINAGE CHANNEL DESIGNS INC. FREEBOARDS ETC.

We have looked at the design of the drainage channel running parallel to the western boundary, along the top of the ring tank wall and along an elevated bed towards the south where it meets existing natural ground. This appears adequate in size for the slope. As previously noted in this report, should the western bank of this channel breach for any reason, there is more than adequate capacity inside the boundary catch bank to protect the neighbour from any unintended runoff.

3.0 ADDITIONAL COMMENTS

From discussions with the landholder, it appears that the design as presented to Council for original approval contained some significant practical problems which were corrected during construction, but never previously documented and advised to Council. When the issue of having a clear distance of 8.0metres from the boundary was raised, the landholder has made some on site alterations by cutting into the toe of the western bank by between one and two metres to achieve this clear distance.

We believe that this distance may be arbitrary in nature, and if so, enforcement of this requirement is not in the best interests of the long term performance of the outer batter of the western bank. While we believe that the integrity of the dam wall would not be in question due to its width along this side, we would like to see this toe reinstated with compacted natural material to reduce the risk of slumping of this outer batter. Any such slumping would only add to the concerns already expressed by the neighbour, and so should be avoided.



**ENGINEERING REPORT ON
LEVEE BANK APPROVAL FOR
[REDACTED] AT "OAKDENE", CHINCHILLA**



We believe that this report should cover issues as raised in your correspondence to the landholder. Should you require additional information or comment, please contact me.

Regards

[REDACTED]

DIRECTOR

Encl: Ring Surveys Drawing Nos 045599D1 & D2

B/C: [REDACTED]



Our Ref 05-113L#02.DOC
Your Ref PF1885

21 April 2005

The Chief Executive Officer
Chinchilla Shire Council
80-86 Heeney Street
PO Box 42
CHINCHILLA QLD 4413

Att [REDACTED]

Dear Sir,

**PROGRESS REPORT ON ENGINEERING REPORT
RE LEVEE BANK APPROVAL FOR
[REDACTED] AT "OAKDENE", CHINCHILLA**

As previously advised to you, we intended to complete our report to Council on the above matter by 15 April 2005.

Unfortunately, we are still awaiting soil testing results, being undertaken by South Queensland Soils, and engineering survey details which are also being undertaken by a local surveyor.

Once we have this information, we undertake to complete and forward our report within two weeks of receipt of the data.

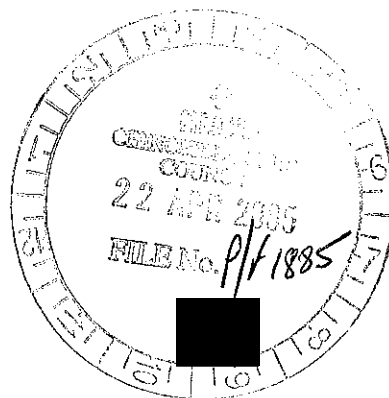
Please accept our apologies for the delay, and contact me if we can be of further assistance.

Regards

[REDACTED]

DIRECTOR

B/C [REDACTED]



TCE
Thompson
consulting
engineers

Civil, Structural & Local
Government Engineers
and Project Managers



Thompson Consulting Engineers
Pty Ltd
ACN 074 496 085

9 Aylmer Court
Toowoomba QLD 4350
AUSTRALIA

ALL MAIL TO
PO Box 2184
Toowoomba Qld 4350
AUSTRALIA

Tel +61 7 4638 5780
Fax +61 7 4638 5790

E-mail
tce@thompson-consulting.com.au

Web
www.thompson-consulting.com.au

Quality Assured ISO 9001



Melon Capital
The Centre of the Western Downs

80 - 86 Heeney Street, PO Box 42
Chinchilla Qld 4413

Telephone 07 4662 7056

Facsimile 07 4662 7720

council@chinchilla.qld.gov.au

www.chinchilla.org.au

In Reply Please Quote: PF1885, 21/1/14 :GC:JL

17 December 2004

[REDACTED]
"Oakdene"
MS [REDACTED]
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Approval

I refer to the on site inspection by Council's Resident Engineer, [REDACTED] and myself with yourselves on 15 December 2004 and wish to confirm discussions and provide a course of action which may bring the approval of these works to a satisfactory conclusion.

Due to a series of circumstances and events the works as constructed do not entirely comply with approved plans. You are therefore required to provide Council with a plan of the "as constructed" works and separate plans for any works proposed for the development that are not constructed. These plans shall be prepared by a draftperson who is competent in agricultural works. In order to achieve this, a full engineering survey of the as constructed works will be required. This survey shall include levels, widths, slopes etc.

You are also required to provide Council with an independent Engineering Report on the works. This report shall provide an engineering opinion on the works including issues such as:-

- Long term structural adequacy
- Soil dispersion of dam bank walls
- Adequacy of drainage channel designs including freeboards etc.

This independent engineering report/opinion shall be based on an on site inspection and other matters such as soil test reports and shall be prepared by a Registered Professional Engineer of Queensland who is experienced in farm dam design and construction. This report shall be signed in original signature by that person and shall include reference to the RPEQ registration number.

Included below is a list of Engineers who are acceptable to Council:-

- i) [REDACTED]
Thompson Consulting Engineers (Toowoomba)

\\Server1\main\WP\DOC\Engineer\Letters\17 Dec 04_Fromm_Levee Bank.doc

- ii) [REDACTED]
Kehoe Myers Consulting Engineers (Toowoomba)
- iii) [REDACTED]
Farr Evrat and Associates (Toowoomba)
- iv) [REDACTED]
Parsons Brukerhoff (Brisbane)

After this is submitted to Council along with the surveyed as constructed plans, DNR advice will be requested before Council considers approval.

In order to resolve this issue, at the earliest opportunity, you are requested to lodge all of the necessary information to Council before 31st January 2005.

Your early attention to this matter would be greatly appreciated.

Yours faithfully

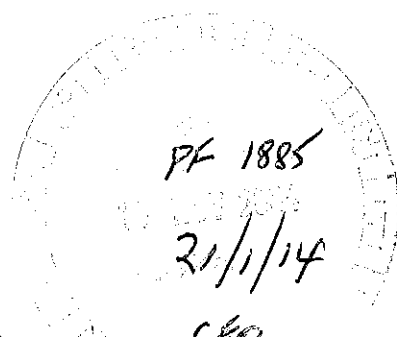
BC

[REDACTED]
MS [REDACTED]
CHINCHILLA Q 4413

[REDACTED]
CHIEF EXECUTIVE

For your information. Refers
to previous correspondence.

[REDACTED].....
CHIEF EXECUTIVE



PF 1885

21/1/14

CEO

Oakdene

m/s [redacted]

Chinchilla

16/11/04

Chinchilla Shire Council
ATTN:- Officer for Freedom of Information.

Dear Sir / Madam,

We would like to request a copy of the correspondence, referred to in the letter to us dated 4/11/04, from our neighbour to you. your Ref: PF1885; KF:JL.

Also a copy of the two submissions from the 2 landholders, namely

- ① [redacted]
- ② [redacted]

as mentioned in the letter from Council to us dated 21/7/2000. Ref P.F 1885
E.H K.B.

Yours Faithfully

[redacted signature]

COPY TO	APCh.
COPY TO	
COPY TO	
BY DATE	7mD 17/11/04



80 - 86 Heeney Street, PO Box 42
Chinchilla Qld 4413

Telephone 07 4662 7056

Facsimile 07 4662 7720

council@chinchilla.qld.gov.au

www.chinchilla.org.au

In Reply Please Quote: PF1885 :KF:JL

04 November 2004

Levee
Bank
File

██████████
"Oakdene"

M ██████████

CHINCHILLA Q 4413

RECEIVED
COUNCIL

Dear Sir/Madam,

Re: Levee Bank Approval

I wish to advise that Council recently received correspondence alleging that the Levee Bank/Ring Tank constructed on your property on the Chinchilla – Wondai Road (described as Lot ██████████ has not been constructed in accordance with the original plans approved by Council and the Department of Natural Resources. Furthermore it was alleged that what has been constructed represents a danger to neighbouring property.

Upon receiving this report, Council's Engineer inspected what has been constructed (as viewed from a neighbour's property) as compared to the approved plans and advised the following:-

1. The toe of the Ring Tank, on the Western side, (██████████ boundary) is closer to the boundary than the distance shown on the plan.
2. The pump outlet pipe discharging into the Head Ditch should be positioned between the toe of the bank and the Recycle Drain, according to the plans; this pipe is non-existent.
3. The top of the structure should be approximately 4 metres wide; in fact there is an additional section some 3 – 4 metres wide which has been constructed to the same level on the Western side but in the form of a shallow "Top Ditch". The position of the pump outlet pipe indicates that water is pumped up onto the North-Western corner into this ditch to travel along the top of the Ring Tank on this side and into the Head Ditch near the South Western corner.
4. The design cross section along the Western side, next to Tighe's property shows two separate roadways separated by the Recycle Drain; the base of this drain should have been constructed some 500mm below natural ground level.

The as-constructed cross section does not comply with the designed cross section, particularly evident along the Western side. Enclosed is the designed cross section as submitted and what I can ascertain is the as-constructed cross section.

The as-constructed cross section does not comply with the designed cross section, particularly evident along the Western side. Enclosed is the designed cross section as submitted and what we can ascertain is the as-constructed cross section.

5. The overall standard of compaction of the structure is also of concern.

6. There is significant evidence of "piping" along the Western batter adjacent to [REDACTED] boundary, indicative of water movement within the structure; this may be due to either:

- Seepage through the Ring Tank wall or
- Seepage of water as it is being pumped along the "Top Ditch" adjacent to the top of the tank.

Conclusion

The concern is that these faults will be exacerbated by future use and that a failure will initially cause water erosion of [REDACTED] cultivated paddock followed by inundation of unwanted heavy clay.

Yours faithfully,

[REDACTED]

MANAGER OF ENGINEERING SERVICES

Chinchilla Shire Council

20th October 2004.

MS [REDACTED]
CHINCHILLA Q 4413.

Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA Q 4413



Re: Ring Tank construction - [REDACTED]

Sir,

As a result of a recent inspection of an "as constructed" ring tank by Chinchilla Shire Council engineer, I wish to lodge a formal complaint against the sighting of the ring tank and also the construction of said ring tank that is located on Lot [REDACTED] owned and operated by [REDACTED]

The report supplied to me by your engineer indicates a number of major problems which could result in failure of the tank which is likely to cause soil erosion on our property followed by inundation of unwanted heavy clay.

We believe that the construction of this ring tank does not comply with the conditions as directed by council in their correspondence to us bearing your reference PF1885 dated 21 July 2000.

We respectfully require that council take steps to have this matter investigated urgently.

[REDACTED]

[REDACTED]

copy to Eng
copy to [REDACTED]
[REDACTED]
[REDACTED] 25-10-04

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:12/2/3:EH:DJ

Your Ref:

14 February 2003

██████████
"Oakdene"

MS ██████████

CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Amendment – Levee Bank Approval

Reference is made to your letter dated 5 November 2002, requesting an amendment to Levee Bank permit approval dated 20 March 2000, incorporating an extension to an existing contour bank associated with the approval.

I wish to advise that the amendment was considered by Council at the General Meeting held on 13 February 2003, and approval was granted for the extension of contour bank marked 'A' as per the plan provided.

I would advise that if you do not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993 (copy attached).

Yours faithfully,

BC

██████████
Durah Road
CHINCHILLA Q 4413

██████████
Information.

██████████
CHIEF EXECUTIVE

██████████
CHIEF EXECUTIVE

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PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1885:EH:DJ

Your Ref:

15 November 2002

[REDACTED]
Durah Road
CHINCHILLA Q 4413

ENTERED
IN INDEX

[REDACTED]
Warren Street
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Approval - [REDACTED]

Reference is made to approval granted on 21 July 2002, to [REDACTED] to construct a Ring Tank and Earthen Dam for flood and trickle irrigation on land described as Lot 125 on Plan LY 607, Parish of Chinchilla.

Attached is a copy of an amendment proposal submitted by [REDACTED] to the original approved plans for Council consideration.

This proposed amendment is forwarded to you for your consideration and response as you provided a submission to the original application. The amendment will affect catchment flows to adjoining lands.

You are requested to provide your comments on the proposed amendment prior to Thursday 21 November 2002. The intention is that the amendment will not be re-advertised.

Yours faithfully,

BC

[REDACTED]
"Oakdene"
MS [REDACTED]
CHINCHILLA Q 4413

[REDACTED]
CHIEF EXECUTIVE

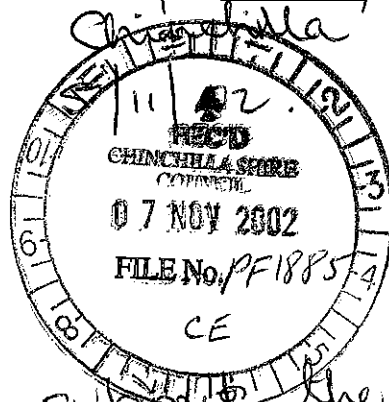
For your information.

[REDACTED]
CHIEF EXECUTIVE

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PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

ENTERED
INDEX



[REDACTED]
CEO Chinchilla Shire

Dear Sir,

We would like to submit the following amendment to our original 'levee Bank Application' dated 20/3/00 your reply Quote P.F 1885.

The amendment is to extend the existing contour bank near the gully dam across on a N.E direction to catch the run off water from the cotton field area. The main purpose is to allow only "dirty water" from the cotton to go into the gully dam and not into the neighbours pastoral land. In hindsight it should have been on the original proposal but was an oversight.

The rain in late June this year caused some run off and [REDACTED] inspected the area soon after the rain and is aware of this amendment. This area was cropped to cotton + harvested in April 2002 [REDACTED] suggested I put ^{this} amendment to the council.

A further small contour bank is proposed south of existing contours

to eliminate wash on that area of
the field also

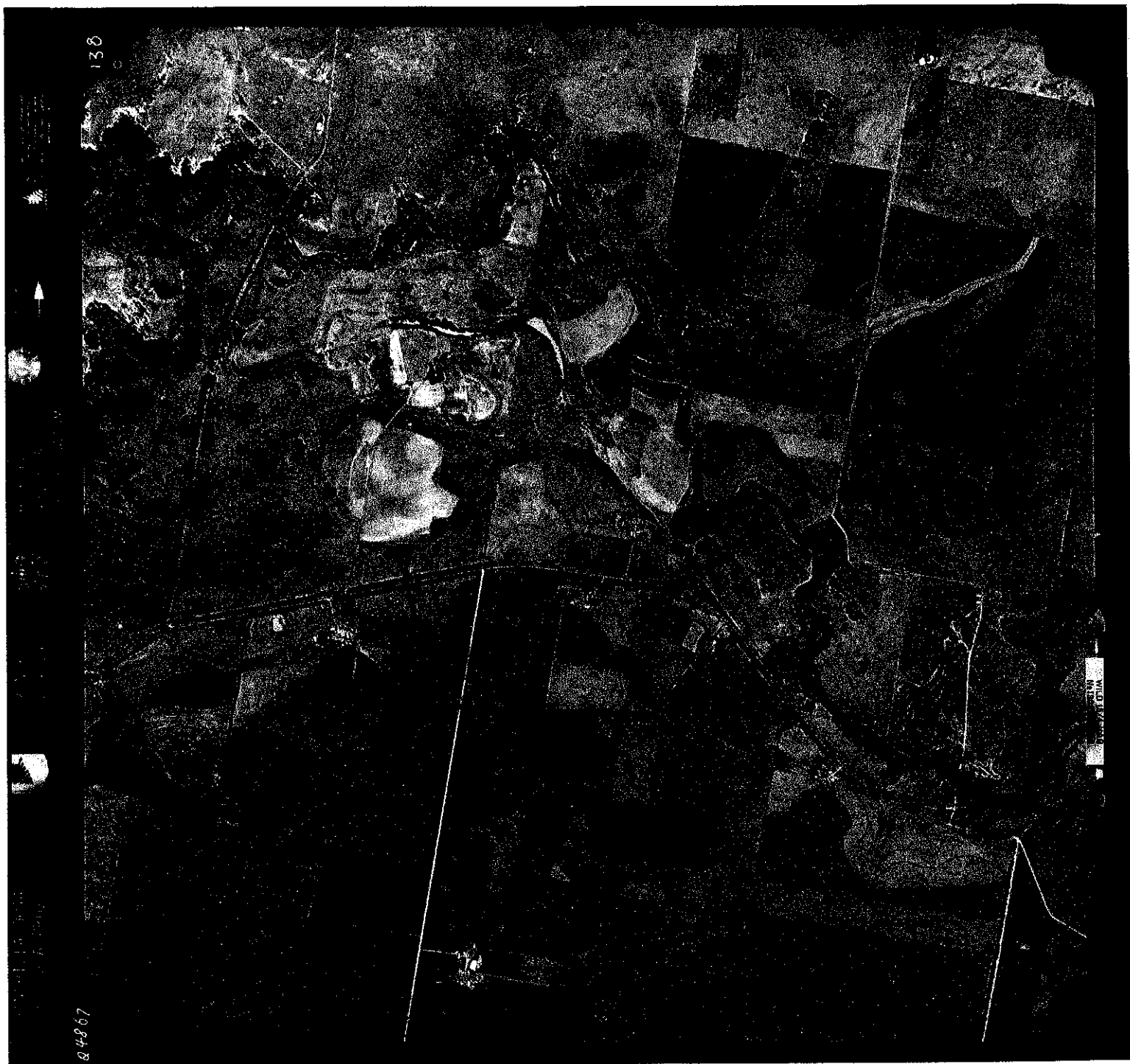
2 maps are enclosed for your
reference.

Yours Faithfully.



1:25000

portion 125.



----- proposed contours

————— Current contours

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF1885

A Vital Friendly Shire

Our Ref: EH:KB
Your Ref:

21 July 2000

██████████
"Oakdene" MS ██████████
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your application for a Levee Bank Permit for the construction of a Ring Tank and earthen dam for Flood and Trickle irrigation on land described as Lot 125 on Plan LY607, Parish of Chinchilla.

I wish to advise that the application and submissions were considered by Council at the general meeting held on 20 July 2000 and that approval was granted for the structures subject to the following conditions:-

- i) That approval be granted on the works for a period of two (2) years, with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as a result of works.
- ii) Construction of the works shall commence within twelve (12) months of the date of fulfillment of conditions and be completed within two (2) years of that date.
- iii) That the construction of the works on the allotment be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- iv) That the applicant be solely responsible for repairing and damage as a result of soil erosion or whatever associated with the proposal on lot 125 ██████████ and any adjoining lot affected by the structures.
- v) Maintain storage areas in a state that allows for the containment of the first 25mm of runoff water, as stipulated in the applicant's farm management plan.
- vi) Increase the width of bywash to 40 metres, as per correspondence from the applicant.
- vii) The containment bank to the eastern side of the property adjacent to Council road, shall be constructed so as not to cause any catchment diversion to the Northern side of the existing drainage flow path.
- viii) Chinchilla Shire Council's approval does not guarantee a supply of overland water under the Water Allocation Management Process (WAMP) as from the 14 June 2000.

PO Box 42 Chinchilla 4413


Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

\\wps\doc\correspondence\21jul.doc

During the advertising period for the proposed works, Council was in receipt of two (2) submissions from the following landholders who have been notified of the decision.

i) 
Durah Road
CHINCHILLA Q 4413

ii) 
Warren Street
CHINCHILLA Q 4413

I would advise that should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993 (copy attached).

Yours faithfully,



CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1885

Our Ref: EH:KB

Your Ref:

21 July 2000

[REDACTED]
Durah Road
CHINCHILLA Q 4413

Dear Sir,

Re: Levee Bank Application - [REDACTED]

Reference is made to your submission with regard to the Levee Bank Application by [REDACTED] [REDACTED] for the construction of a Ring Tank and Earthen Dam for Flood and Trickle irrigation on land described as lot 125 on Plat [REDACTED] Parish of Chinchilla.

I wish to advise that the application and submissions were considered by Council at the general meeting held on 20 July 2000 and that approval was granted for the structures on the following conditions;

- i) That approval be granted on the works for a period of two (2) years, with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as a result of works.
- ii) Construction of the works shall commence within twelve (12) months of the date of fulfillment of conditions and be completed within two (2) years of that date.
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- iv) That the applicant be solely responsible for repairing and damage as a result of soil erosion or whatever associated with the proposal on lot [REDACTED] and any adjoining lot affected by the structures.
- v) Maintain storage areas in a state that allows for the containment of the first 25mm of runoff water, as stipulated in the applicant's farm management plan.
- vi) Increase the width of bywash to 40 metres, as per correspondence from the applicant.
- vii) The containment bank to the eastern side of the property adjacent to Council road, shall be constructed so as not to cause any catchment diversion to the Northern side of the existing drainage flow path.
- viii) Chinchilla Shire Council's approval does not guarantee a supply of overland water under the Water Allocation Management Process (WAMP) as from the 14 June 2000.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993, a copy of which is attached.

Yours faithfully,

[REDACTED]

CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:

A Vital Friendly Shire

Our Ref: EH:KB

Your Ref:

21 July 2000

[REDACTED]
Warren Street
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Application – [REDACTED]

Reference is made to your submission with regard to the Levee Bank Application by [REDACTED] for the construction of a Ring Tank and Earthen Dam for Flood and Trickle irrigation on land described as lot 125 on Plan LY607, Parish of Chinchilla.

I wish to advise that the application and submissions were considered by Council at the general meeting held on 20 July 2000 and that approval was granted for the structures on the following conditions;

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- x) Construction of the works shall commence within twelve (12) months of the date of fulfillment of conditions and be completed within two (2) years of that date.
- xi) That the construction of the works on the allotment be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- xii) That the applicant be solely responsible for repairing and damage as a result of soil erosion or whatever associated with the proposal on lot [REDACTED] and any adjoining lot affected by the structures.
- xiii) Maintain storage areas in a state that allows for the containment of the first 25mm of runoff water, as stipulated in the applicant's farm management plan.
- xiv) Increase the width of bywash to 40 metres, as per correspondence from the applicant.
- xv) The containment bank to the eastern side of the property adjacent to Council road, shall be constructed so as not to cause any catchment diversion to the Northern side of the existing drainage flow path.
- xvi) Chinchilla Shire Council's approval does not guarantee a supply of overland water under the Water Allocation Management Process (WAMP) as from the 14 June 2000.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993, a copy of which is attached.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

**Engineers Levee Bank Report
to the General Meeting held on 20 July 2000**

18 July 2000

Mayor and Councillors
Chinchilla Shire Council
CHINCHILLA Q 4413

Dear Councillors,

Levee Bank Application - [REDACTED]

Applicant: [REDACTED]

Land Description: Lot [REDACTED], Parish of Chinchilla, Chinchilla.

Land Owner: [REDACTED]

Tenure of Land: Freehold, Rural A

Nature of Work: Overland flow harvesting (Earthen Dam), storage (ring tank), flood irrigation and tail water retention.

Purpose of Work: Provision of waters for both flood and trickle irrigation.

Permit Required: The applicants has requested a period of 3 years for the permit.

Advertising: The application has been advertised on 6 April 2000 and 13 April 2000 in accordance with Section 938 (2)(b) of the Local Government Act 1993, calling for support or objections for the proposal closing with Council on 5 May 2000.

Support or Objections [REDACTED] Council in receipt of two (2) objections to this proposal as detailed below:

The grounds of their objection are as follows:

1. Construction of the proposed dam (having a width of 316.752 metres and a length of approximately 330 metres and a water level of 6.3 metres) centred over and along the present location of the unnamed gully watercourse would effectively cut-off (or substantially cut-off) the water supply to our dam (which is considerably smaller having a capacity of 400 acre feet only) derived essentially from water flowing into it out of the gully.
2. Employment of two high-capacity (500mm and 600mm) pumps at 1800 RPM to draw water out of the proposed dam to fill up the Ring Tank as and when required by the Applicants compounds our concern. The Ring Tank is by any standards a very high volume water facility. It is clear that the applicants intend to farm their land requiring large volumes of water to be irrigated on it (otherwise the cost of the proposed dam and Ring Tank facilities could not possibly be justified, particularly taking into regard the fact that subject Lot [REDACTED] comprises an area of 384.8 hectares only). Therefore, it is not difficult to

view. Another point of concern is that the design of the by-wash, as shown on the applicants' plans, bends around the top northern end of the proposed dam in what we believe is too severe a curve which could possibly result in the by-wash not having sufficient capacity to carry water away quickly enough. Once again, the assessment of an independent engineer on this issue is required.

8. It can be reasonably anticipated that if the by-wash was constructed according to the design of the applicant's plans, it is reasonably foreseeable that there will be an occasion that the relatively small by-wash area will simply not be able to cope with a great volume of water entering into it thereby creating the strong possibility of the dam's banks bursting. If that event were to occur, our dam simply would not have the capacity to withstand a sudden influx of water and such a situation would cause obvious damage to our land (eg severe erosion). Furthermore, we can foresee in these circumstances (or at other times) a strong possibility of a silting problem arising in our dam.
9. We syphon water over the top of our dam to fill two pond areas which nourishes a surrounding area of approximately 10 hectares. These areas naturally produce excellent pasture grasses which are excellent fodder for our cattle. The likely severe reduction in water flowing into our dam by reason of the construction of the proposed dam will, as a further consequence, have an adverse effect upon the pond areas.

If Council was of a mind to approve the applicant's application despite the above objections, we request that Council impose as a condition upon such approval that a report from an independent engineer and/or other independent and competent person be obtained to address the issue as to the extent of what would be the future impact upon our land, in particular, the water supply available to our land from our main dam and the other issues raised above the proposed dam is constructed on the proposed site.

We would urge Council to reject the applicants' application if the report/s reasonably indicates to Council that it is in all likelihood foreseeable that the water supply available to us would be diminished to such an extent so as to reduce our ability to earn a livelihood from our present grazing business and/or proposed future farming activities at our land.

We would also urge Council to reject the applicants' application if the findings contained in the report/s would (or should) reasonably indicate to Council that there was a strong potential for our land to be damaged by reason of the potential for the dam's walls to burst attributable to the inadequate by-wash facility.

BAF & CJ Staib

The grounds of their objection are as follows:

1. At present there is already a large dam upstream from our property which catches a large percentage of the water flow from the gully and we feel that if another larger dam was to be constructed above this it would completely stop any flow of water to our property. We heavily rely on the flow of water via this gully to fill our only dam, which has to meet our ongoing stock-water requirements.
2. In the very near future our dam will also be used for domestic purposes. This will add a further burden to the already depleted supply.

Comments of Sub Objections

- 1 Both issues relate to the use of water for stock and domestic water downstream
- & of the applicants proposal and also the property of Tighe. This is addressed in
- 2 item No. 4 of [REDACTED] objection, which will not therefore be re-addressed.

Details of the Application

The applicant has advised they are proposing to construct an earthen gravity dam of capacity 66Ml on a natural drainage path south of the Wondai Road, including a further 235Ml ringtank with all wall heights approximately 5 metres in height.

There are also proposed 500mm and 600mm pumps operating at 1800rpm to lift water from the earthen dam to the ringtank for further irrigation.

Water storage will be utilised to irrigate two fields, with a total area of approximately 170Ha by both flood and trickle irrigation.

Consultation

The following were items considered during the on-site meeting held with the landowner.

1. Lack of locality map indicating the site with respect to the unnamed gully system, or surrounding land profiles. Whilst no plans, have since been received relative to these discussion. It is believed, all involved in the meeting now know where the structures are to be located.
2. Method of containing the first 25mm of overland flow from anyone rain event. These discussions were on the basis that no independent sump was located prior to water entering the existing waterways.

In response to this issue a Management plan was received from [REDACTED] stating the following:

"The gravity dam will contain the run-off from the fields planted with cotton, under the Best Management Practice Guidelines. Our management strategy will involve the dam being kept empty or low during irrigation or immediately after.

During all ground rig spray operations the dam will be kept empty. It is not possible to conduct ground rig spray operations during irrigation

It it becomes necessary to spray immediately after irrigation it will be done while the gravity dam is at low level.

Because of the expense, aerial spraying is carried out only when weather conditions are suitable and no rain forecast or imminent, thus reducing the risk of excessive runoff.

Our aim is to conduct a farming practice that meets all guidelines. We run cattle in our farming programmes and are very conscious of the requirements of the cattle producer and grain farmer in general.

Further more our intention is not to use any endosulphan on any cropping programme conducted at Oakdene."

6. Distance from boundary of gravity dam and ringtank. This was determined on site to be satisfactory based on surrounding land profiles and non-existence of any structures immediately to the west of the proposed structures.

Considerations:

Council could consider the approval of the proposed scheme incorporating the gravity dam (66 Ml), ringtank (235 Ml) and associated head ditches, tail recycle drains and containment banks as submitted by [REDACTED] on land described as lot 125 on [REDACTED] Parish of Chinchilla subject to the following

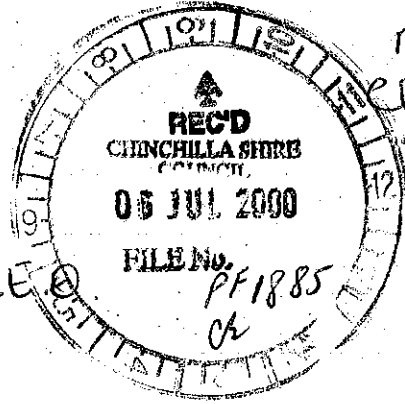
- i) That approval be granted on the works for a period of two (2) years, with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as a result of works.
- ii) Construction of the works shall commence within twelve (12) months of the date of fulfillment of conditions and be completed within two (2) years of that date.
- iii) That the construction of the works on the allotment be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- iv) That the applicant be solely responsible for repairing and damage as a result of soil erosion or whatever associated with the proposal on lot 125 [REDACTED] and any adjoining lot affected by the structures.
- v) Maintain storage areas in a state that allows for the containment of the first 25mm of runoff water, as stipulated in the applicant's farm management plan.
- vi) Increase the width of bywash to 40 metres, as per correspondence from the applicant.
- vii) The containment bank to the eastern side of the property adjacent to Council road, shall be constructed so as not to cause any catchment diversion to the Northern side of the existing drainage flow path.
- viii) Chinchilla Shire Council's approval does not guarantee a supply of overland water under the Water Allocation Management Process (WAMP) as from the 14 June 2000.

"Oakdene"

m/s [redacted]

Chinchilla

30/6/00



[redacted]
Chinchilla Shire C.E.O.

Dear Sir,

Regarding our plans for gravity dam at "Oakdene":-

After inspection and discussion with [redacted] we have agreed to increase the bywash on the gravity dam to a width of 40 mtrs.

This could be included as an addendum to the plans previously presented.

Yours Faithfully,

[redacted signature block]

[redacted]

Stamp: [redacted]
Date: 07.07.2000

[REDACTED]
'OAKDENE'
M/S [REDACTED]
CHINCHILLA
[REDACTED]

CHINCHILLA SHIRE CLERK AND COUNCILORS.

Dear Sirs and Mesdames,

Management plan for gravity dam at OAKDENE re containment of irrigation run off.

The gravity dam will contain the run-off from fields planted with cotton, under the Best Management Practice Guidelines. Our Management strategy will involve the dam being kept empty or low during irrigation or immediately after.

During all ground rig spray operations the dam will be kept empty. It is not possible to conduct ground rig spray operations during irrigation.

If it becomes necessary to spray immediately after irrigation it will be done while the gravity dam is at a low level.

Because of the expense, aerial spraying is carried out only when weather conditions are suitable and no rain forecast or imminent, thus reducing the risk of excessive runoff.

Our aim is to conduct a farming practice that meets all guidelines. We run cattle in our farming programmes and are very conscious of the requirements of the cattle producer and grain farmer in general.

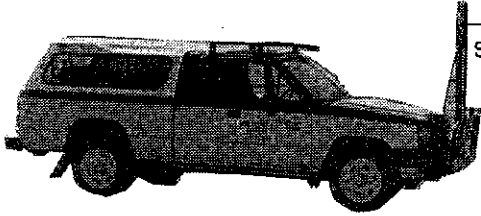
Further more our intention is not to use any Endosulphan on any cropping programme conducted at Oakdene.

Hoping this information is satisfactory,

Yours Faithfully,
[REDACTED]

Laser Land Surveys

(Barry Walsh Prop.)



SERVICES:

- GRID SURVEYS
- DRAFTING
- CAD PLANS
- RING TANK, HEAD DITCH, DRAIN PLANNINGS
- FIELD PLANS FOR LASER LEVELLING
- FARM LAYOUT PLANNING
- CONTOUR MAPPING



6 BARAH STREET,
TOOWOOMBA, Q. 4350

PHONE: (07) 4634 1839
All Hours
CAR PHONE: 0428 718 004

10th June, 2000.

[REDACTED]
"OAKDENE",
M/S [REDACTED]
CHINCHILLA, Q.4413.

Dear Mike,

Re the gravity catchment gravity dam at "Oakdene".

Catchment is estimated at 1500 acres
Rainfall of 50mm in 1 hour
Runoff of 25/30%

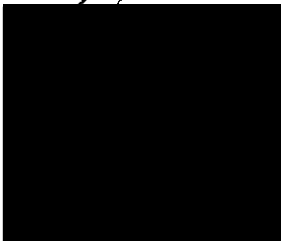
Gravity catchment dam capacity and volume will be transferred into main ring tank after each rainfall event as its operation is as a collection sump for the main ring tank. Pumping capacity is 220 megalitres per day.

Catchment runoff doesn't arrive at the collection dam all at once but over a 15 hour period.

For your information.

Yours faithfully,

LASER LAND SURVEYS.



CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1885

Our Ref: EH:KB
Your Ref:

9 May 2000

Department of Natural Resources
PO Box 273
CHINCHILLA Q 4413

Dear Sir,

Re: Levee Bank Application

Attached please find a copy of a Levee Bank Application recently received by Council as follows:

1. [REDACTED] Lot 125 on Plan [REDACTED] Parish of Chinchilla.

Application has been advertised with objections closing on 5 May 2000, with an objection from [REDACTED] as per attached being received.

Would you please consider this application and Council's resident consulting Engineer, [REDACTED] will contact you regarding inspection etc.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

BC [REDACTED]
Engineer

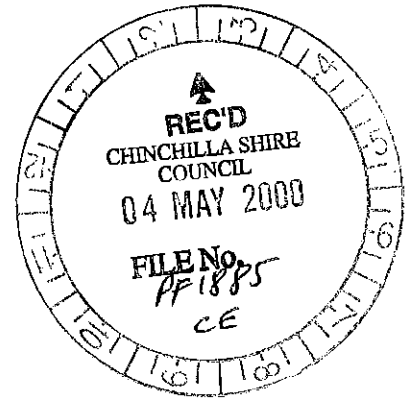
Please arrange inspections and assessment of the application for consideration by Council as soon as possible with normal agenda processes.

[REDACTED]
CHIEF EXECUTIVE

Durah Road
CHINCHILLA QLD 4413

3 May 2000

Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



Dear Sir,

RING TANK AND EARTH DAM CONSTRUCTION APPLICATION BY MA & LA FROMM

We are the registered owners of Lot 126 on Plan [REDACTED] County Lytton, Parish Chinchilla comprising an area of 324 hectares. This land is the neighbouring lot to the property owned by [REDACTED] (described as Lot 125 on Plan [REDACTED])

We hereby, object to the application lodged by [REDACTED] for a license under the provision of Section 937 of the Local Government Act 1993 permitting a Ring Tank and Earth Dam Construction for the purpose of flood and trickle irrigation.

The grounds of our objection are as follows:

1. Our main objection is that if Council was to approve the application, the construction of the proposed dam (having a width of 316.752 metres and a length of approximately 330 metres and a water level of 6.3 metres) centred over and along the present location of the unnamed gully watercourse would effectively cut-off (or substantially cut-off) the water supply to our dam (which is considerably smaller having a capacity of 400 acre feet only) derived essentially from water flowing into it out of the gully. Our dam is located downstream from the site of the proposed dam.
2. The applicants proposed employment of two high-capacity (500 mm and 600 mm) pumps at 1800 RPM to draw water out of the proposed dam to fill up the Ring Tank (having a length of 332.5 metres, a width 213 metres) as and when required by the Applicants compounds our concern. The Ring Tank is by any standards a very high volume water facility. It is clear that the applicants intend to farm their land requiring large volumes of water to be irrigated on it (otherwise the cost of the proposed dam and Ring Tank facilities could not possibly be justified, particularly taking into regard the fact that subject Lot 125 comprises an area of 384.8 hectares only). Therefore, it is not difficult to foresee that the applicants

will require water to be drawn out of the Ring Tank for irrigation purposes on an ongoing basis during the growing season. The pumps would need to be employed from time to time to supply the requisite volume of water into the Ring Tank to meet the applicants' requirements for their crops.

3. We reiterate that there is a strong potential for our present water supply out of our dam to be severely diminished if not wholly diminished from time to time. This impact upon us is both unjustifiable and unfair. We presently draw water out of our dam to supply water to 8 stock water troughs and 3 water tanks strategically located around our property. We also draw water out of the dam for domestic purposes. We foresee that there is a real risk that our future ability to run water to the troughs and tanks will be substantially if not wholly diminished from time to time if the proposed dam constructions proceeds. Accordingly, we can also foresee that our future livelihood from our present cattle grazing business will be adversely affected to a great extent in these circumstances.
4. There is another small dam (having a capacity of 4000 yards) located at our property. However, the water supply derived from that dam for stock-water purposes is insufficient to meet our ongoing stock-water requirements.
5. In any event, we have previously utilised our land for the growing of wheat, barley and sorghum crops. We have used our main dam as the source of water for the irrigation of the crops. The construction of the dam will potentially (and in all likelihood) unfairly take away from us a future on-farm income source attainable from crop growing. We can foresee that crop growing would no longer be a feasible option at our property. We would therefore be unfairly disadvantaged in that the flexibility of our on-farm enterprises would be greatly reduced. This will also detrimentally affect the re-sale value of our land.
6. Another objection to the application is possible contamination to our land from pesticides/herbicides etc utilised by the applicants in the growing of crops at their land in the future. The possible contamination of our pastures could cause unacceptably high levels of contaminants in our livestock which might lead to our livestock being quarantined by DPI from time to time. We appreciate that this scenario is completely speculative but nevertheless is worthy of consideration in our view. We foresee that there will be a run-off of water into our property in circumstances where the Ring Tank and by-wash are both full and further rain occurs. In this situation, the water must necessarily pass over the level area back into the sump area and there is no guarantee that the sump area could hold the water that is passed into it. Of course, these matters can only be verified by assessment from an independent engineer. It should be noted that our land is positioned lower than the applicants' land.

7. We contend that the width of the by-wash as indicated in the applicants' plans is too narrow and is far too close to the dividing fence-line (the containment bank of the by-wash commences from a point only three metres inside the fence line). The by-wash to our dam is 60 metres wide and carries water up to 0.66 metres in depth from time to time. It would be fair to assume that a far greater volume of water will be carried by the proposed by-wash from time to time. We can foresee that if the proposed by-wash is inadequate (to be verified by assessment from an independent engineer) there is a real possibility of the proposed dam's bank bursting and causing considerable damage as a result to our property. We were unable to establish the depth of the proposed by-wash but in any event we believe that the foregoing predictions are foreseeable in our view. Another point of concern is that the design of the by-wash, as shown on the applicants' plans, bends around the top northern end of the proposed dam in what we believe is too severe a curve which could possibly result in the by-wash not having sufficient capacity to carry water away quickly enough. Once again, the assessment of an independent engineer on this issue is required.
8. The bottom line, in our contention, is that it can be reasonably anticipated that if the by-wash was constructed according to the design of the applicants' plans, it is reasonably foreseeable that there will be an occasion that the relatively small by-wash area will simply not be able to cope with a great volume of water entering into it thereby creating the strong possibility of the dam's banks bursting. If that event were to occur, our dam simply would not have the capacity to withstand a sudden influx of water and such a situation would cause obvious damage to our land (eg severe erosion). Furthermore, we can foresee in these circumstances (or at other times) a strong possibility of a silting problem arising in our dam.
9. Occasionally, we syphon water over the top of our dam to fill two pond areas which nourishes a surrounding area of approximately 10 hectares. These areas naturally produce excellent pasture grasses which are excellent fodder for our cattle. The likely severe reduction in water flowing into our dam by reason of the construction of the proposed dam will, as a further consequence, have an adverse effect upon the pond areas. We contend that it is a likely consequence that the relevant pasture grasses would be severely reduced both in terms of quality and volume.

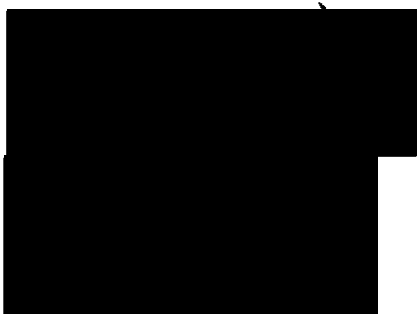
If Council was of a mind to approve the applicants' application despite the above objections, we request that Council impose as a condition upon such approval that a report from an independent engineer and/or other independent and competent person be obtained to address the issue as to the extent of what would be the future impact upon our land, in particular, the water supply available to our land from our main dam and the other issues raised above if the proposed dam is constructed on the proposed site.

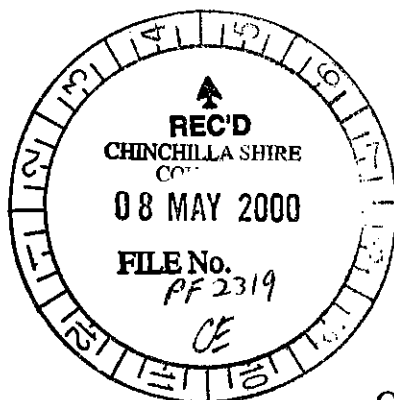
We would urge Council to reject the applicants' application if the report/s reasonably indicates to Council that it is in all likelihood foreseeable that the water supply available to us would be diminished to such an extent so as to reduce our ability to earn a livelihood from our present grazing business and/or proposed future farming activities at our land.

We would also urge Council to reject the applicants' application if the findings contained in the report/s would (or should) reasonably indicate to Council that there was a strong potential for our land to be damaged by reason of the potential for the dam's walls to burst attributable to the inadequate by-wash facility.

We request that Council favourably considers our objection to the application.

Yours faithfully,

A large black rectangular redaction box covering the signature and name of the sender.



ENTERED
INDEX

C/- [REDACTED] WARREN STREET
CHINCHILLA Q 4413

Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413

Dear Sir

Re: Ring Tank and Earth Dam Construction application by [REDACTED]
[REDACTED]

We are the owners of Lot [REDACTED] Mullers Road Chinchilla. Our property is situated approximately 500m downstream from the proposed dam.

We hereby object to the application lodged by [REDACTED] for a license under the provision of Section 937 of the Local Government Act 1993 permitting a Ring Tank and Earth Dam Construction for the purpose of flood and trickle irrigation.

The grounds of our objection are as follows:

1. At present there is already a large dam upstream from our property which catches a large percentage of the water flow from the gully and we feel that if another larger dam was to be constructed above this it would completely stop any flow of water to our property. We heavily rely on the flow of water via this gully to fill our only dam, which has to meet our ongoing stock-water requirements.
2. In the very near future our dam will also be used for domestic purposes. This will add a further burden to the already depleted supply.

We would ask that Council reject the application for a ring tank and earth dam if the water supply to our property would be adversely affected by it's construction.

Yours faithfully

[Redacted signature block]

[Redacted stamp area]

pmw 11/05/00

Levee Bank

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land

I, [redacted] of BAKOENE M/S 355 CHINCHILLA in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant [redacted]
- (2) Postal Address M/S [redacted] CHINCHILLA.
- (3) Location of work (see also 10) Country LYTON Parish CHINCHILLA.
Real Property Description LOT 125 on [redacted]
Area 384.8 Ha
- (4) Nature of Works RING TANK and EARTHEN DAM CONSTRUCTION.
- (5) Purpose of Work FLOOD & TRICKLE irrigation
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank metres
 - (b) Maximum height metres
 - (c) Width of top metres
 - (d) Width of base metres
 - (e) Materials of which bank will be constructed
 - (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much?
 - (g) Height of top of bank above highest known flood level
- (7) Particulars of work (if drain or other excavation)
 - (a) Total length 1.086 metres
 - (b) Maximum depth 1.9 metres
 - (c) Width of top FOUR metres
 - (d) Width at base THIRTY FIVE metres
 - (e) State nature of soil at site BRIGALOW - BELAH SCRUB SOIL
DEEP HEAVY CLAYS.

- 3) Provision for preventing injury to other land arising from proposed work *grassed Waterways*
as per plans.
- 9) Period for which permit is required *THREE YEARS. other property in middle of the*
Glen Willard Canal mine.
- 10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- 11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date *20/3/00*

Signature of Applicant .. 

Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

(5) Applicants agree to pay the follow fees:-

- a) Application fee for works less than \$2000 in cost including advertising. \$117
- b) Application fee for works in excess of \$2000 in cost including advertising. \$500
- c) Projects that require Engineering Consultants Reports which will include (b) above. Consultant Fees

Date 20/3/00.....

Signature of Applicant .. 

GUIDE FOR THE LODGEMENT OF A LEVEE BANK APPLICATION FORM

The following information is shown to indicate the minimum requirements upon which the application may be based. The supply of more detailed information additional to this guide may assist in expediting the assessment process.

- i) Suitably Engineered design plan, with the following information to be shown;
 - Details of the proposed development to be located on an overall site plan at a scale of 1:10,000.
 - Topographic plan of the application showing a minimum of the following details:
 - Current contour on the property, shown legibly with height profiles.
 - Current overland flow paths, for identification of catchment area; the application should detail how it will deal with natural floodplain flows once structures are full to capacity;
 - **A sketch of the catchment boundaries on adjacent properties affected by the proposal**
 - Clear indication of the size of the storage structures and their relationship with the proposal (both written and drawn), including:
 - Capacity of the systems
 - **Location and size of any pumps proposed or currently existing (including relevant licences)**
 - Sizing calculation for Sumps
 - Bywash characteristics:
 - Erosion control measures
 - Indication on how bywash will return water to natural waterway within the applicant's property, except where alterations are accepted by the community and are technically and environmentally sound.
 - Suitably scaled and detailed cross section of all structures and how they relate to natural land profiles and their relation to the following:
 - Natural waterways
 - Road reserves and current infrastructure
 - **Boundary clearances – head ditches/tail drains, bywash minimum 3 metres, ring tanks,(structures and situations will determine actual distance from boundary)– minimum 10 metres**
 - Buildings
 - Vegetation regions
- ii) Written report detailing the above requirements, including the full intent of the enterprise, impact on adjacent landowners, including details on notification of the works proposed to adjacent landowners, regardless of perceived impact.
- iii) Basic analysis of existing soil structures, and how these relate to water handling structures.
- iv) Should the application cause increases in flood flows, heights and velocities, it should be detailed in the application how these changes will be accommodated through the proposal.
- v) Detail fully how the system, in particular the recycle system, handles first run-off to a minimum of the middle requirement under Best Management Practices of the enterprise (**Cotton industry retain first 25mm**).
- vi) Integration or interrelationship of the proposed plans to the whole property irrigation (if others exist on the property).
- vii) Catchment estimation, including how the proposal will handle relevant storm event, eg. 1 in **10 Year Average Recurrence Intervals**.

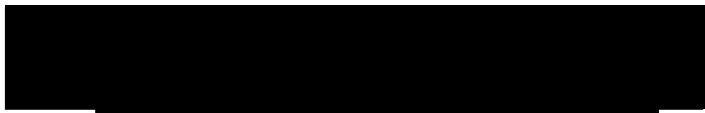
CHINCHILLA SHIRE COUNCIL

LODGEMENT OF A LEVEE BANK APPLICATION FORM

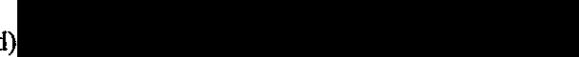
- Written Report attached
- Site Plan (1:10,000) including distances relating to allotment boundaries
- Topographic plan including overland flow paths and contour data
- Evidence of notification of affected landowners
- Application form for lodgement of Levee Bank Application
- Details of area and type of irrigation proposed
- Detailed design of any structures
(Cross-Sectional details of structures or irrigation
proposal-head ditches, tail or recycle drains)

It is the applicant's responsibility to ensure that the above information is submitted with the application so that the Council can consider the application. Council also reserves the right to request additional information should the application submitted require further information.

Signature of the Applicant



Applicant's Name (first name should be included)



Applicant's Contact Number:



Consultant's Name



Consultant's Contact Address

LASER LAND SURVEYS.
6 BARAK STREET.
TOOWOOMBA.

Consultant's Contact Number



Council Information Only

Payment Received

Date of Lodgement _____

Name of Officer _____

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote: PF1965/2 *A Vital Friendly Shire*

Our Ref: EH:NB
Your Ref:

25 July 2001

[REDACTED]

"Alkoomie"

MS [REDACTED]

CHINCHILLA Q 4413

Dear [REDACTED]

Re: Levee Bank Approval – Condition vi

Reference is made to your letter dated 6 July 2001, concerning condition no vi on the above approval dated 4 September 2000.

As a result of you lodging your proposed management plan, Council officers have assessed the information and granted approval subject to the following:-

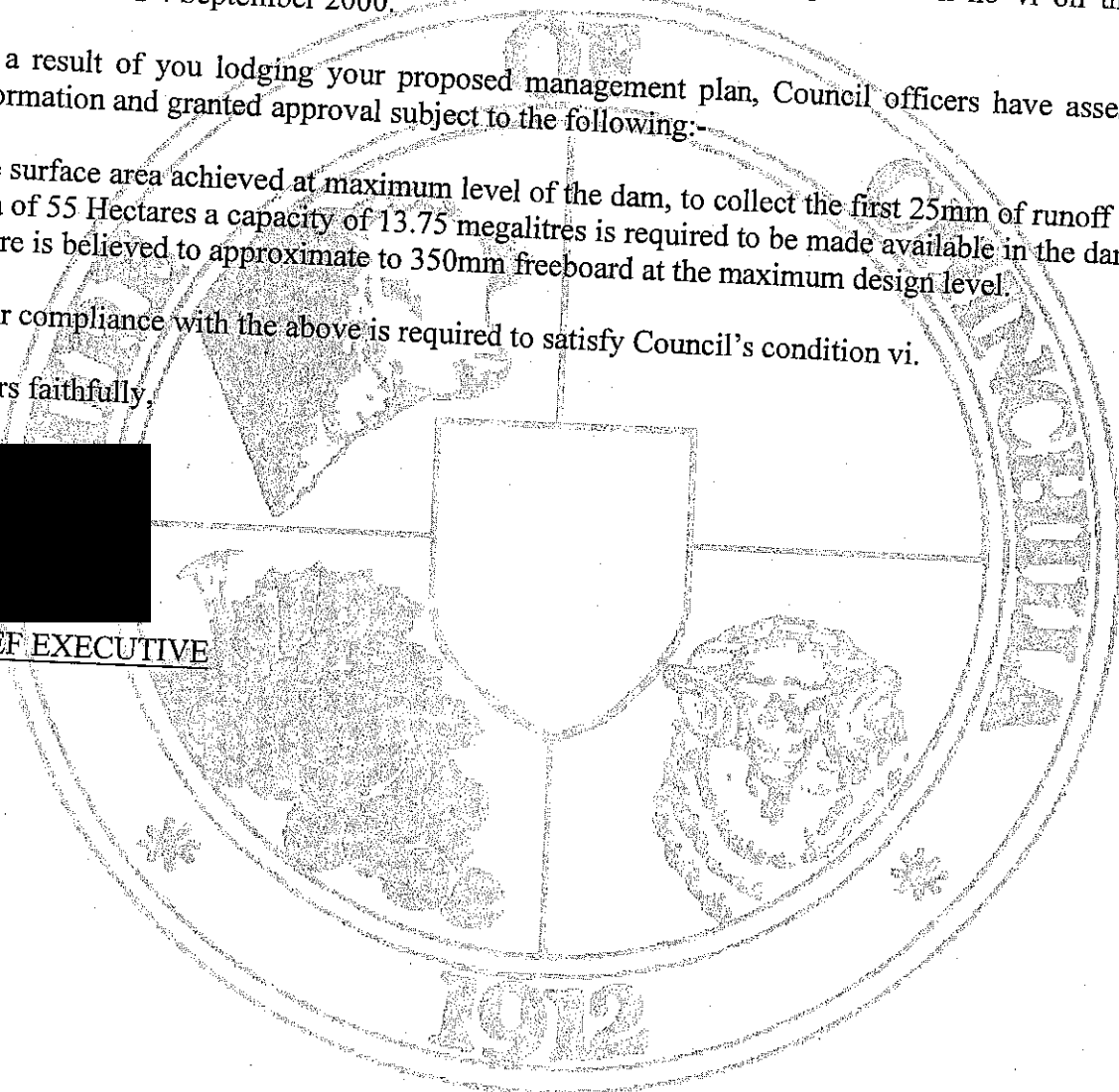
The surface area achieved at maximum level of the dam, to collect the first 25mm of runoff from an area of 55 Hectares a capacity of 13.75 megalitres is required to be made available in the dam. This figure is believed to approximate to 350mm freeboard at the maximum design level.

Your compliance with the above is required to satisfy Council's condition vi.

Yours faithfully,

[REDACTED]

CHIEF EXECUTIVE



Subject to the surface area achieved at maximum level of the dam, to collect the first 25mm of ~~the~~ runoff from an area of 55Ha, a capacity of 13.75 ML is required to be made available in the dam. This figure is believed to approximate 350mm freeboard at the maximum design level.

CHINCHILLA SHIRE COUNCIL

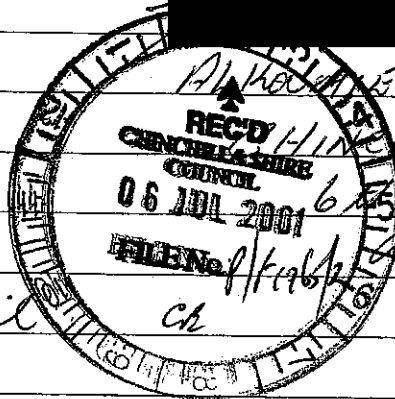
RICHARD

Copy for your information and/or attention.

NB

Chief Executive Date 10/07/01

ENTERED
IN INDEX



Chinchilla Shire Council

Re. - Licence Bank Application

Re. Condition No 11 - The applicant is to provide a farm management plan for the storage of water to contain the first 25mm of run off water, if chemicals are to be used.

The estimated amount of runoff from the irrigated block is 10 megalitres. Catch drains will be put in place to return the water back into the dam. At such times the dam will be below capacity thus allowing the chemical to be diluted.

COPY TO	KAB
COPY TO	
COPY TO	
COPY TO	

Yours faithfully



To whom it may concern, [REDACTED] the owner of lot 130 [REDACTED] parish of Chinchilla,
[REDACTED] have no objections to the construction of a dam on lot 200 [REDACTED] parish of Chinchilla by [REDACTED]
[REDACTED]

Regards

[REDACTED]

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote: PF1965/2

A Vital Friendly Shire

Our Ref: EH:NB
Your Ref:

4 September 2000

[REDACTED]
"Alkoomie" M/S [REDACTED]
CHINCHILLA Q 4413

ENTER
INDEX

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your application for approval for the construction of a dam, contour banks, drains and waterways for domestic and stock and supplementary irrigation for grain and fodder crops on land described as Lot 200 of [REDACTED] Parish of Chinchilla.

I wish to advise that the application was considered by Council at the general meeting held on 17 August 2000, and that approval in accordance with section 937 of the Local Government Act and Council's Local Law No 42 - Levee Banks was granted for the structures subject to the following conditions:

- i) That approval be granted on the works for a period of two (2) years, with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- ii) Construction of the works shall commence within twelve months (12) of the date of fulfilment of conditions and be completed within two (2) years of that date.
- iii) That the construction of the works on the allotment be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- iv) That the applicant be solely responsible for repairing and damage as a result of soil erosion or whatever associated with the proposal on Lot 200 [REDACTED] and any adjoining lot affected by the structures.
- v) The applicant provide a containment bank on the eastern fence line as discussed on site to aid in the direction of by-wash waters towards Council proposed floodway location.
- vi) The applicant is to provide a farm management plan, that allows for the storage of waters to contain the first 25mm of runoff water, if chemicals are to be used.

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

- (ii) The applicant obtain the written approval of the owner of Lot 130 on Plan [REDACTED] Parish of Chinchilla with regards to the catch drain arrangement, that will direct natural flow of water to the drainage gully.
- viii) Chinchilla Shire Council's approval does not guarantee a supply of overland water under the Water Allocation Management Process (WAMP) as from the 14 June 2000.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993, a copy of which is attached.

Yours faithfully,

A large black rectangular redaction box covering the signature of the Chief Executive.

CHIEF EXECUTIVE

government.

Maximum penalty—50 penalty units.

(4) If a person convicted of an offence against subsection (3) continues to commit the offence, the person commits a continuing offence.

Maximum penalty—1 penalty unit for each day on which the offence is continued.

Division 3—Appeals

Appeal against local government's decision

942.(1) An appeal tribunal for hearing and deciding appeals against decisions of a local government on an application is formed by the chief executive of the department within which the *Water Resources Act 1989* is administered or that chief executive's delegate.

(2) A person aggrieved by a decision of a local government on an application may appeal to an appeal tribunal.

(3) The appeal must be started within 30 days after the person aggrieved is given written notice of the decision.

(4) The appeal is started by the person filing a notice of appeal with the chief executive mentioned in subsection (1) and giving a copy of the notice to the local government.

(5) As soon as practicable after the appeal is started, the chief executive officer of the local government must inform the chief executive mentioned in subsection (1) of the persons, other than the appellant, who made the application and who made submissions on the application.

(6) The person who is to form the appeal tribunal on the appeal must inform the appellant, the local government, and the persons mentioned in subsection (5) of the day, time and place for hearing of the appeal.

Decision on appeal

943.(1) An appeal tribunal may—

(a) dismiss an appeal and confirm the decision of the local

Levee Bank Application – D Zischke

Applicant: [REDACTED]

Land Description: Lot 200 on [REDACTED] Parish of Chinchilla.

Land Owner: [REDACTED]

Tenure of Land: Freehold, Rural A

Nature of Work: 3.5m high dam, contour drains, banks and waterways.

Purpose of Work: Domestic and stock water including supplementary water for irrigating grain and fodder crops.

Permit Required: The owner has requested a period of 10 years for this permit.

Advertising: The application was advertised on 22 June 2000 and 29 June 2000 in accordance with Section 938 (2)(b) of the Local Government Act 1993, calling for support or objections for the proposal closing with Council on 21 July 2000.

Support or Objections Council was in receipt of no support or objection with regards to the proposal.

Details of the Application

The proposal is for the construction of a storage area containing 3.5 metre high embankments, located across a broad base gully. The storage area has been designed to contain approximately 93 megalitres. The storage is to be formed over an existing gully system, which is believed to be unnamed.

The storage will be used to irrigate approximately 55 hectares of grain and fodder crops by way of a non-reinforced plastic fluming. Catch drains will be employed to collect waters from the irrigation for transfer to the storage area.

The application also addresses the dispersive nature of the soil. Erosion is to be contained by way of rock protection and grassed area, further a by wash of 40 metres has been allowed to handle up to 1 in 100 year storm event.

Due to the proposal being located over a broad base gully, no sump is provided upstream of the storage. Only 320 hectare of catchment as attached to the proposal and as such, the applicant has advised this storage will not be suitable for flood irrigation.

The adjacent Council road is programmed to be upgraded; some time after these works are complete. Presently the road washes out at the gully as shown on the plan.

- v) The applicant provide a containment bank on the eastern fence line as discussed on site to aid in the direction of by-wash waters towards Council proposed floodway location.
- vi) The applicant is to provide a farm management plan, that allows for the storage of waters to contain the first 25mm of runoff water, if chemicals are to be used.
- vii) The applicant obtain the written approval of the owner of Lot 130 on Plan LY 600; Parish of Chinchilla with regards to the catch drain arrangement, that will direct natural flow of water to the drainage gully.
- viii) Chinchilla Shire Council's approval does not guarantee a supply of overland water under the Water Allocation Management Process (WAMP) as from the 14 June 2000.

**CHINCHILLA SHIRE COUNCIL
INVITATION TO
PUBLIC**

FRIDAY, June 23, 2000
at 9pm

Council invite the Chinchilla Shire Community to an afternoon tea which will be held in the Soldiers Memorial Auditorium of the Chinchilla Cultural Centre to honour and thank Ivan Middleton for his services to the Community as a Councillor for 27 years and Chairman/Mayor for the past 15 years.

All members of the public are invited to attend.
Ed Hoffmann,
Chief Executive,
PO Box 42,
Chinchilla Q 4413

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**CHINCHILLA SHIRE COUNCIL
REGIONAL ARTS
DEVELOPMENT FUND**

CLOSING DATE EXTENDED
Applications for funding

Residents of Chinchilla Shire are advised that applications for the Regional Arts Development Fund (activities for the first half of the 2000/2001 Financial Year) are to be lodged at the Council office by close of business on Friday, July 7, 2000. Funding is available for Arts and Cultural activities that conform to the guidelines.

Details and application packages can be obtained from the Council office or by contacting Andrew Wilson at the offices on 4662 7056.
Ed Hoffmann,
Chief Executive,
PO Box 42,
Chinchilla Q 4413.

**CHINCHILLA SHIRE COUNCIL
CONSTRUCTION OF
BANKS**

Notice is hereby given that the undermentioned application for a Levee Bank Licence under the provision of Section 937 of the Local Government Act 1993 has been made to Council.
Applicant: JW Bidstrup, PO Box 20, Wama Q 4411.
The owner of Lot 238 on Plan LY229, Parish of Earle.

Proposed Works: Construction of earthen water reservoir and below ground level supply channel for the purpose of irrigation and possible future aquaculture.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and addressed to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on, by the objector in support of the objection.

The application and plans are open to inspection at the Council Office and the last day appointed for the receipt of objections is 21 July 2000.
Ed Hoffmann,
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Applicant: Ian and Tracey Wojski, "Helm", MS 423, Chinchilla Q 4413.
The owners of Lot 3 on RP134211, Parish of Ewer.

Proposed Works: Construction of head ditches and tailwater storage for the purpose of flood irrigation.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and addressed to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on, by the objector in support of the objection.

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Chinchilla Qld 4413.

**CHINCHILLA SHIRE COUNCIL
CONSTRUCTION OF
BANKS**

Notice is hereby given that the undermentioned application for a Levee Bank Licence under the provision of Section 937 of the Local Government Act 1993 has been made to Council.
Applicant: DJ and BF Zischke, "Alkomele", MS 1448, Chinchilla Q 4413.
The owner of Lot 200 on Plan RP848738, Parish of Chinchilla.

Proposed Works: Construction of a dam, contour banks, drains, and waterways for the purpose of domestic, stock and supplementary irrigation for grain and fodder crops.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and addressed to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on, by the objector in support of the objection.

The application and plans are open to inspection at the Council Office and the last day appointed for the receipt of objections is July 21, 2000.
Ed Hoffmann,
Chief Executive,
PO Box 42,
Chinchilla Q 4413.

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [redacted] of AL KOOMIE M/S [redacted] CHINCHILLA in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work

(1) Name of Applicant [redacted]

(2) Postal Address AL KOOMIE M/S [redacted] CHINCHILLA

(3) Location of work (see also 10) Country CHANCES BROWN RD Parish CHINCHILLA

Real Property Description [redacted]

Area 360 HA

(4) Nature of Works DAM - 3.5M HIGH, 24M WIDE AT BASE

600M LONG CREST, 3M CREST WIDTH. CONTOUR (DRAINS) BANKS AND WATERWAYS

(5) Purpose of Work WATER FOR DOMESTIC & STOCK AND SUPPLEMENTARY

IRRIGATION FOR GRAIN AND FODDER CROPS

(6) Particulars of Work (if levee bank) -

(a) Total length of levee bank metres

(b) Maximum height metres

(c) Width of top metres

(d) Width of base metres

(e) Materials of which bank will be constructed

AS PER PLANS

(f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much?

(g) Height of top of bank above highest known flood level

(7) Particulars of work (if drain or other excavation)

(a) Total length metres

(b) Maximum depth metres

(c) Width of top metres

(d) Width at base metres

(e) State nature of soil at site

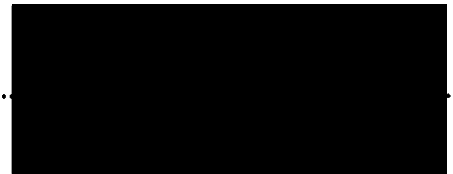
AS PER PLANS

- (8) Provision for preventing injury to other land arising from proposed work
- (9) Period for which permit is required 10 YEARS
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date 5-6-00

Signature of Applicant



Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.
- (5) **Applicants agree to pay the follow fees:-**
 - a) Application fee for works less than \$2000 in cost including advertising. \$117
 - b) Application fee for works in excess of \$2000 in cost including advertising. \$500
 - c) Projects that require Engineering Consultants Reports which will include (b) above. Consultant Fees

Date

Signature of Applicant

GUIDE FOR THE LODGEMENT OF A LEVEE BANK APPLICATION FORM

The following information is shown to indicate the minimum requirements upon which the application may be based. The supply of more detailed information additional to this guide may assist in expediting the assessment process.

- i) Suitably Engineered design plan, with the following information to be shown;
 - Details of the proposed development to be located on an overall site plan at a scale of 1:10,000.
 - Topographic plan of the application showing a minimum of the following details:
 - Current contour on the property, shown legibly with height profiles.
 - Current overland flow paths, for identification of catchment area; the application should detail how it will deal with natural floodplain flows once structures are full to capacity;
 - **A sketch of the catchment boundaries on adjacent properties affected by the proposal**
 - Clear indication of the size of the storage structures and their relationship with the proposal (both written and drawn), including:
 - Capacity of the systems
 - **Location and size of any pumps proposed or currently existing (including relevant licences)**
 - Sizing calculation for Sumps
 - Bywash characteristics:
 - Erosion control measures
 - Indication on how bywash will return water to natural waterway within the applicant's property, except where alterations are accepted by the community and are technically and environmentally sound.
 - Suitably scaled and detailed cross section of all structures and how they relate to natural land profiles and their relation to the following:
 - Natural waterways
 - Road reserves and current infrastructure
 - **Boundary clearances – head ditches/tail drains, bywash minimum 3 metres, ring tanks,(structures and situations will determine actual distance from boundary)– minimum 10 metres**
 - Buildings
 - Vegetation regions
- ii) Written report detailing the above requirements, including the full intent of the enterprise, impact on adjacent landowners, including details on notification of the works proposed to adjacent landowners, regardless of perceived impact.
- iii) Basic analysis of existing soil structures, and how these relate to water handling structures.
- iv) Should the application cause increases in flood flows, heights and velocities, it should be detailed in the application how these changes will be accommodated through the proposal.
- v) Detail fully how the system, in particular the recycle system, handles first run-off to a minimum of the middle requirement under Best Management Practices of the enterprise (**Cotton industry retain first 25mm**).
- vi) Integration or interrelationship of the proposed plans to the whole property irrigation (if others exist on the property).
- vii) Catchment estimation, including how the proposal will handle relevant storm event, eg. 1 in 10 Year Average Recurrence Intervals.

CHINCHILLA SHIRE COUNCIL

LODGEMENT OF A LEVEE BANK APPLICATION FORM

- Written Report attached
- Site Plan (1:10,000) including distances relating to allotment boundaries
- Topographic plan including overland flow paths and contour data
- Evidence of notification of affected landowners
- Application form for lodgement of Levee Bank Application
- Details of area and type of irrigation proposed
- Detailed design of any structures
(Cross-Sectional details of structures or irrigation
proposal-head ditches, tail or recycle drains)

It is the applicant's responsibility to ensure that the above information is submitted with the application so that the Council can consider the application. Council also reserves the right to request additional information should the application submitted require further information.

Signature of the Applicant

Applicant's Name (first name should be included)

Applicant's Contact Number:

Consultant's Name

Consultant's Contact Address

Consultant's Contact Number

Council Information Only

Payment Received

Date of Lodgement

Name of Officer

05-06-2000 80508 \$500

A.S. PLAN REPORT.

TECHNICAL REPORT

PROPOSED IRRIGATION STORAGE
DESIGN INVESTIGATION MAY 2000

General

This design report refers to the proposed irrigation storage to be located on [REDACTED] property which is approximately 10 kilometres to the north east of Chinchilla.

The site selected is located across a broad gully some 50 metres upstream of the road boundary fence and adjacent to the house yard.

The project has been designed as a shallow irrigation storage to supply supplementary irrigation water to a proposed 55 hectare flood irrigation block.

Details of the proposed project are described below.

Catchment

The catchment area above the proposed storage has been estimated from topographic maps to be approximately 320 hectares.

The catchment consists of Brigalow scrub type soils with a heavier clay sub-soil. An estimate of runoff from catchment containing Brigalow type soils is difficult due to the difference in runoff potential depending on how "wet" the catchment is at the time of the particular rainfall event. Therefore it is usual to be conservative when estimating runoff from these catchments.

An analysis of the catchment using the U.S.D.A runoff model for small catchments and 30 year rainfall records for Chinchilla has indicated that in 50 % of years runoff from the catchment will equal or exceed 128 megalitres while in 3 out 4 years (75%) runoff will equal or exceed 48 megalitres.

It should be pointed out that estimation of runoff from small farm catchments is not an exact science and further research is being conducted to improve the knowledge of how catchments react to high intensity and short duration rainfall events. However the above mentioned runoff volumes should be used for long term project planning.

Catch drains constructed on a grade of 1 in 1000 metres will be utilised to divert runoff water from the catchment to the proposed storage. These drains will be constructed by road grader.

Storage

The proposed storage consists of an L shaped embankment located across a broad based gully just to the north of the house. (see sheet 1)

A materials investigation has been carried out on the proposed site. This investigation consisted of the excavation of a number of test holes by hand auger and the visual classification of soil strata recovered from the test hole. Soils on the site have been classified as black and brown clays.

Some of the soils show dispersive properties. **Dispersive soils combined with poor compaction have accounted for more farm dam failures than any other mode of failure combined.**

However it is possible to construct a reliable earth embankment for an on farm storage utilising dispersive soils **providing** correct moisture control and proper compaction techniques are applied.

The proposed embankment is to be constructed as an homogenous earth embankment with a central compacted clay core and compacted clay cut-off. The embankment has a maximum height of approximately 3.5 metres above the bed of the gully, with a crest length of 600 metres and batter slopes (upstream & downstream) of 3 to 1. Crest width will be 3 metres. a wing wall will be constructed on the left bank end of the embankment to prevent overland flows passing through the yard. This wing wall is approximately 300 to 500 millimetres high and will be made broad enough to be driven over.

Approximately 10 200 cubic metres of compacted earth and clay fill would be required to construct the 3.5 metre high embankment (including wing wall). In addition, a further 900 cubic metres of material will be removed and replaced in construction of the cut-off . The cut-off trench is expected to be approximately 0.5 m deep, however this will be subject to variation on site.

All construction material shall be removed from inside the storage area and the bywash cut, no external borrow areas are required. Construction of the proposed pump chase will provide some 1800 cubic metres of material suitable for use in construction of the proposed embankment.

The storage impounded upstream of the proposed embankment is estimated to be approximately 93 megalitres.

Bywash

Excess flows from the catchment will be diverted through a bywash ,to be located on the right bank end of the proposed embankment ,and returned to the gully downstream of the embankment. Bywash flows will be returned to the gully before passing through the boundary fence. The bywash consists of a level bench cut at the end of the embankment with the grassed return slope utilised to reduce erosive velocities.

Bywash width has been calculated based on the estimated discharge from a 1 in 100 year storm event on the local catchment and assuming a 0.5 metre flow over the bywash bench. Inlet and outlet width for the right bank bywash is 40 metres.

Rock protection works will also be required on the ends and downstream toe of the embankment at the bywash outlet to prevent erosion by flows through the bywash. Protection works will consist of hand placed rock extending from approximately the centre line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface level.

The bywash return slopes aim to spread bywash flows and reduce water velocities by the use of good grass cover on the return slope. Thus it is important to establish and maintain good grass cover on the return slopes to prevent erosion.

Irrigation Block

Part of an existing 72 hectare dry land cropping block will be utilised for the proposed irrigation area. Sections of this block are not suitable for flood irrigation due to excessive cross fall and therefore will not be included in the proposed irrigation scheme.

The irrigation scheme has been designed to be a low cost surface irrigation scheme for the supplementary irrigation of a maximum area of approximately 55 hectares of grain or fodder crops. Because there is insufficient water stored to meet the full irrigation requirement of the proposed area the surface irrigation scheme has be designed to allow as much flexibility as possible as to which areas are irrigated.

It is proposed to irrigate the 55 hectares utilising non reinforced plastic fluming fitted with adjustable outlets. Water will be pumped from the storage through reinforced fluming to a header tank and then distributed to the furrows utilising the non reinforced fluming.

Tail water from the furrows and runoff from rainfall events will be collected via a 5 metre wide grassed waterway. This waterway follows an existing natural drainage line across the paddock which has a fairly steep fall of 1 metre in 300 metres. Therefore it is very important that grass cover is established and maintained in this waterway otherwise erosion will rapidly occur. The waterway along with catch drains will allow tail water from the irrigation area to be returned to storage.

If the storage is full then approximately 150 millimetres could be applied to the crop at critical points during the crop cycle (assuming a full 55 hectare area). However it is more likely only around 100 millimetres would be available during most years.

The irrigation scheme as proposed would require a pump unit capable of supplying a discharge of 60 litres per second at approximately 15 metres head.

Conclusion

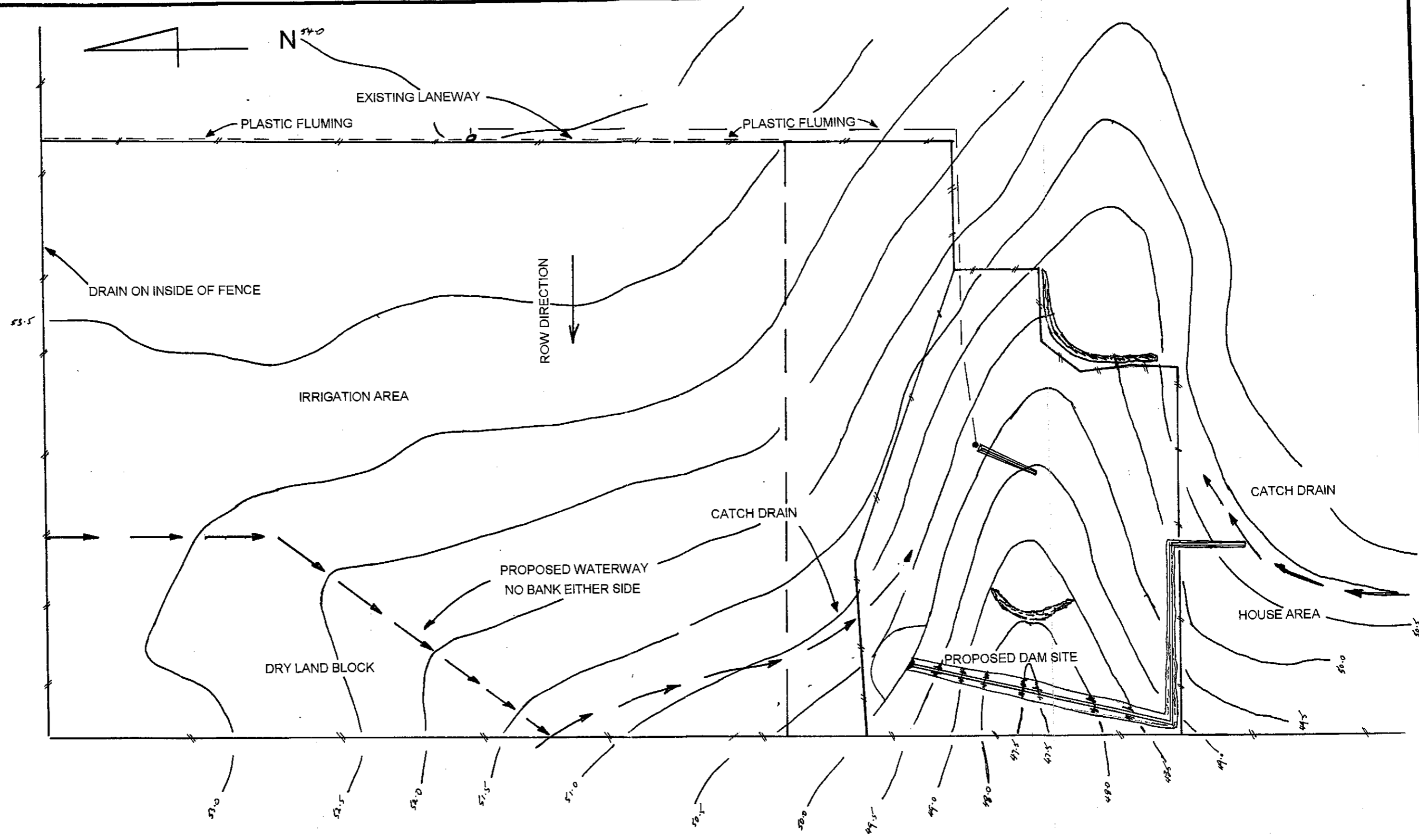
Successful completion of this project will require careful moisture control and compaction of the clay core and cut-off. You should insure your selected contractor is aware of this and accepts responsibility for providing suitable compaction equipment and its operation.

If you require any further details or wish to discuss any part of this project please contact me on [REDACTED]

Regards

[REDACTED]

Chinchilla Irrigation and Pumping Services



**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

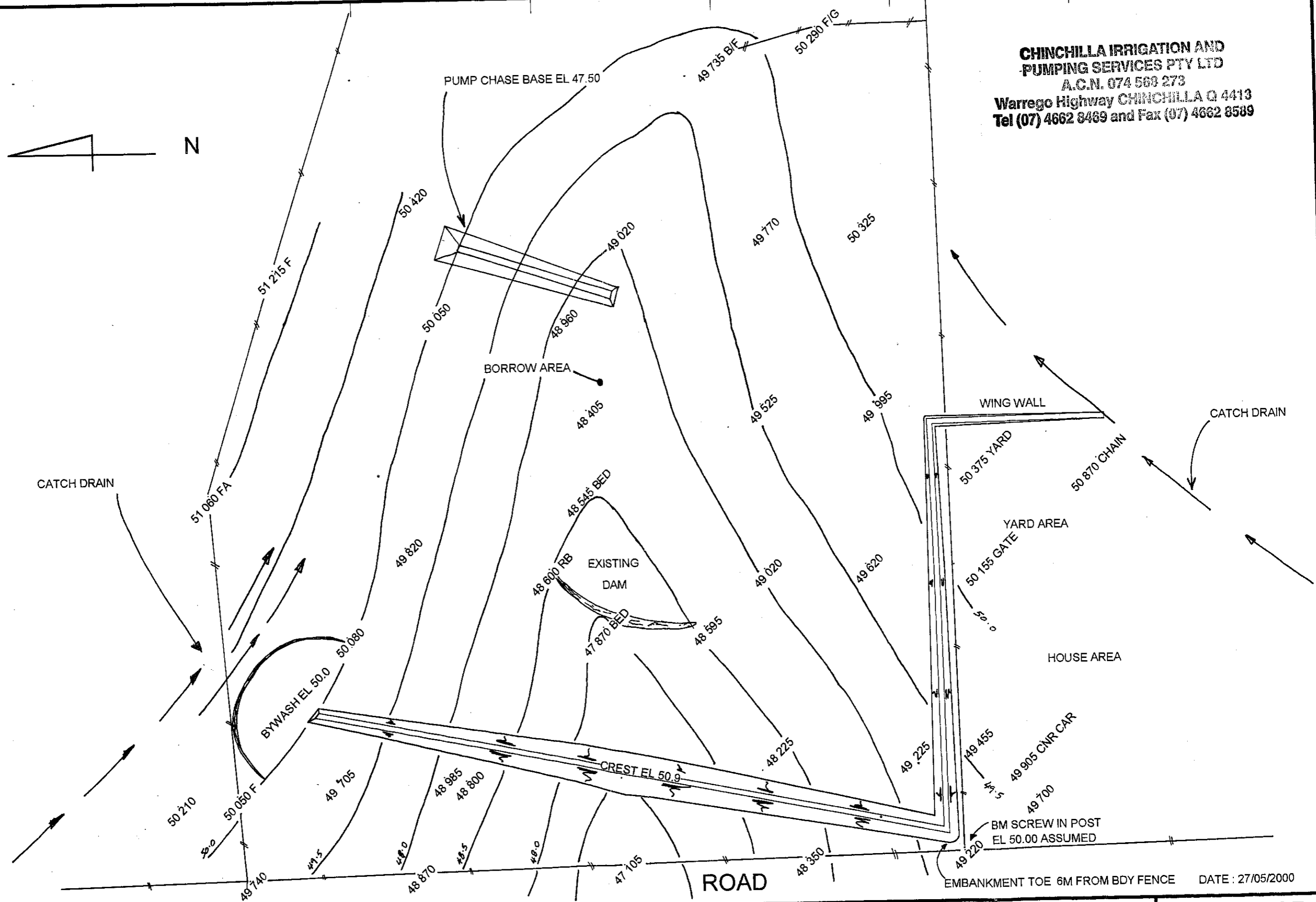
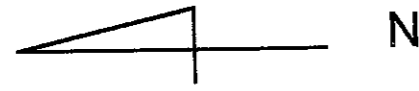
DATE : 27/05/2000

GENERAL ARRANGEMENT

SCALE : 1 : 5000 DRAWN I.S.R

SHEET 1 OF 4

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589



EMBANKMENT DETAIL

SCALE : 1 : 2000

DRAWN I.S.R

SHEET 2 OF 4

DATE : 27/05/2000

EMBANKMENT TOE 6M FROM BDY FENCE

BM SCREW IN POST
EL 50.00 ASSUMED

49.905 CNR CAR

HOUSE AREA

YARD AREA

WING WALL

CATCH DRAIN

CATCH DRAIN

ROAD

CREST EL 50.9

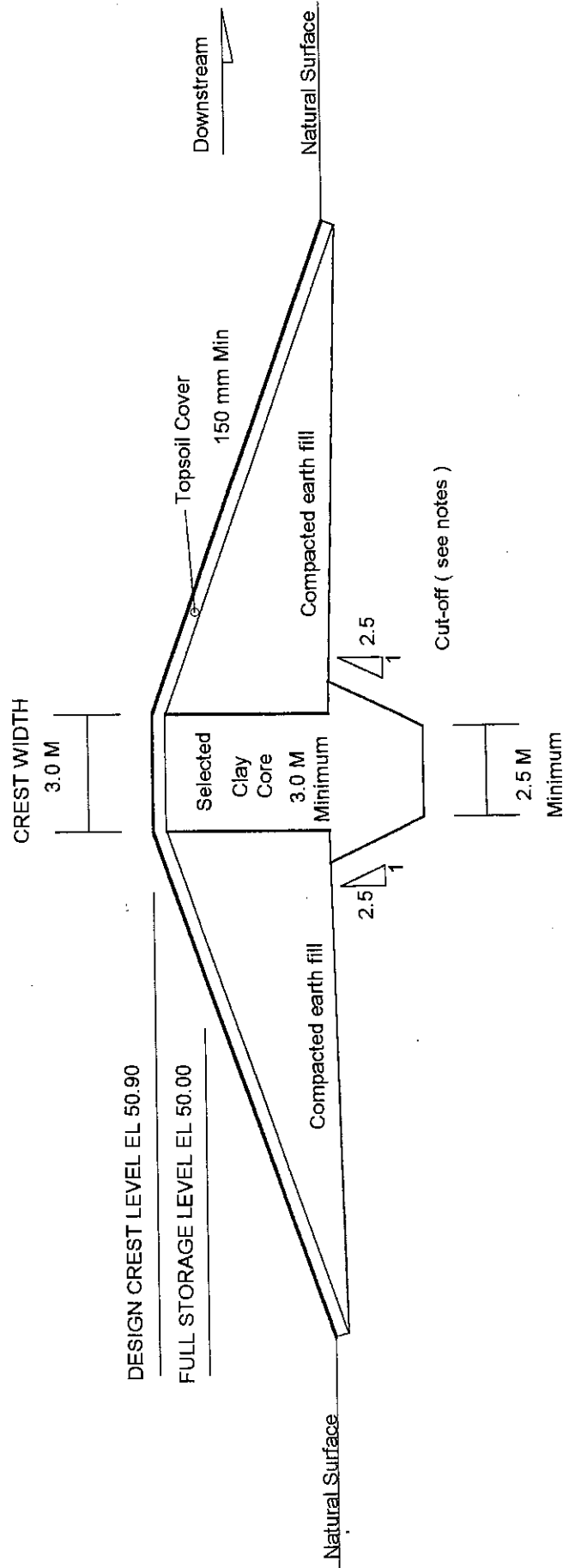
BYWASH EL 50.0

EXISTING
DAM

BORROW AREA

PUMP CHASE BASE EL 47.50

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA 3413
Tel (07) 4662 3489 and Fax (07) 4662 3589



Notes : Cut-off to extend at least 300 mm into natural clay zone
and to be backfilled with well compacted clay.

DATE : 27/05/2000

EMBANKMENT DETAIL

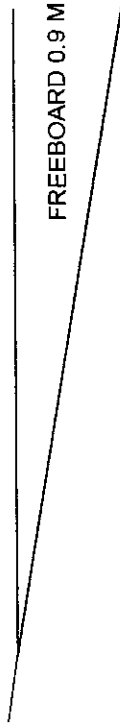
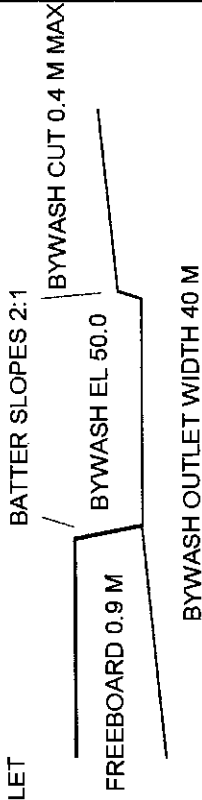
Scale : Not to Scale DRAWN I.S.R

SHEET 3 OF 4

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**

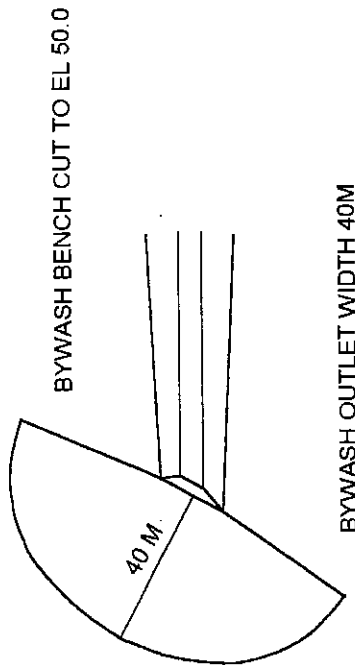
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

HAND PLACED ROCK PITCHING
TO BE INSTALLED ON EMBANKMENT
AT BYWASH OUTLET



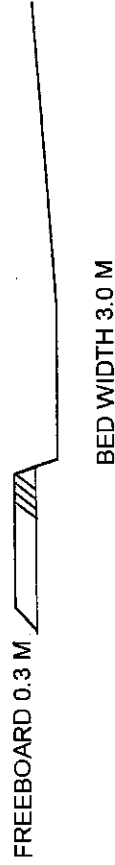
LEFT BANK END EMB

RIGHT BANK BYWASH



CATCH DRAINS TO BE CONSTRUCTED ON 1 : 1000 GRADE

CREST 1.5 M WIDE CUT DEPTH 0.2 M
BATTER SLOPES 2:1 BATTER SLOPE 5:1



RIGHT BANK BYWASH DETAIL

CATCH DRAIN SECTION

DATE : 27/05/2000

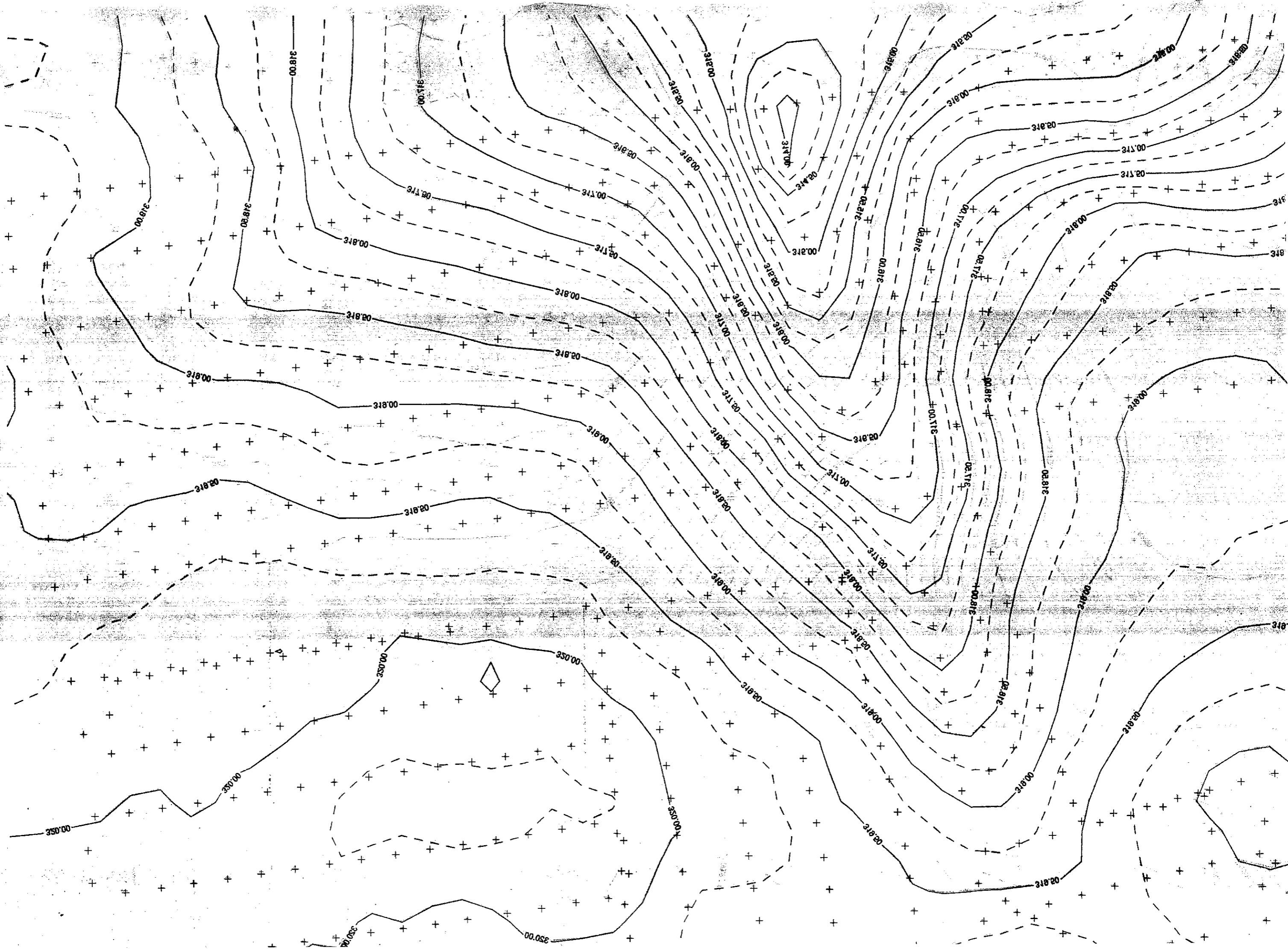
- BYWASH DETAIL

Scale :

DRAWN I.S.R

SHEET 4 OF 4

Deniziz Sicaklık 1:2000



CHINCHILLA SHIRE COUNCIL

In reply please quote: PF 1983/5

A Vital Friendly Shire

Our ref: EH:KL

Your ref:

16 November 2001

PO Box [REDACTED]
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir/Madam

RE: Extension of Levee Bank Approval

Reference is made to your letter dated 12 October 2001, requesting Council to consider an extension of the Levee Bank Permit approval granted on 22 November 1999 for the construction of a Hillside storage catchment works and excavation sump for the purpose of crop irrigation on land described as Lot 2 on RP 206730 and Lot 288 on RP 907455, Parish of Chinchilla.

I wish to advise that Council considered the request at the meeting held on 15 November 2001 and has granted an extension of the approval on the following conditions:

- i. That the approval be for a period of two years from the 15 November 2001 with provision to renew for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- ii. That the applicant provides evidence that the adjoining landholders have been notified of the overall scheme.
- iii. That the construction be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with Industry Best Practices Guidelines.
- iv. The applicant shall be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on the abovementioned lots and any loss affected by the structure.
- v. That the owner confirms with the Department of Natural Resources the road easement adjacent to the scheme (confusion exists whether the easement width is 20 or 40 meters, and construct works relative to the advised easement width as shown on the plans).
- vi. This scheme is approved on the basis of a 130 Ml storage reservoir and 31 hectare flood irrigation proposal and should further development be required, or the works operated in conjunction with structures on Lot 74 on Plan LY769, such will require a further submission for assessment at that time.
- vii. Construction shall commence within 12 months from the date of fulfillment of conditions and shall be completed within 2 years from the date of fulfillment of conditions.

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

viii. The applicant is advised that the draft Condamine-Balonne Water Allocation & Management Plan which was released by the Queensland Government on the 14 June 2000 has indicated that new storage diversion works including extensions and increase diversion rates, based on overland flow, will have a lower priority in receiving water share. Works not started before this date are at risk of not being recognized and therefore you may not be allowed to capture water in the event that the State Government feels it is necessary to exercise controls. Accordingly, it would be unwise to proceed with further development at this time. If you have any concerns about your situation you should contact the Department of Natural Resources in Toowoomba on [REDACTED]

Yours faithfully

A solid black rectangular box redacting the signature of the Chief Executive.

CHIEF EXECUTIVE

By law, the relevant Local Government Authority for locality must be informed of the application and afforded the opportunity to:

1. Comment on the reasonable requirements of the public in the locality; or
2. object to the grant of application on the grounds that the amenity, quiet or good order of the locality would be lessened.

If Council does not support the application, Council's comments or objection should include full particulars of:

- the grounds upon which the objection is made: and
- the facts, evidence or reasons upon which it is based.

*NO
OBJECTION*

The Chief Executive cannot rely on statements that merely indicate the Council does not support, or objects to the application.

Please note that any comments or objection provided may be referred to the applicant.

Please advise whether Council have any other comments on, or objections to, the grant of the application. Section 117(3) of the liquor Act 1992 provides that your comments or objection should be received by 22 November 2001.

Chief Executive's Comments

The notice of application is attached as an Item. The proposal is to extend trading hours of Friday nights from 1 am to 2 am Saturday. It is recommended that Council offer no objection which is in line with requests from the young of town at the future search workshop in March 2001.

5. [REDACTED] - Renewal of the Approval to Construct 130 MI Hillside Storage -

[REDACTED] write this letter to the Chinchilla Shire Council to request renewal of the approval to construct 130 MI Hillside Storage, catchment works and evacuation sump for the purpose of crop irrigation on the land described as Lot 2 on [REDACTED] and Lot 298 on [REDACTED] Parish of Chinchilla.

As Council are aware we have the threat of Tarong Energy Corporation resuming this property for a Coal Mine. However at this stage it is still just a threat and they may pull out at any time and not go ahead with it. So to cover the scenario [REDACTED] would like to keep the Levee Bank Approval Alive.

[REDACTED] fully understand that they are also governed by DNR and will have to comply with their rules as well. But for the interim [REDACTED] would like to keep the approval alive with Council.

Chief Executive's Comments

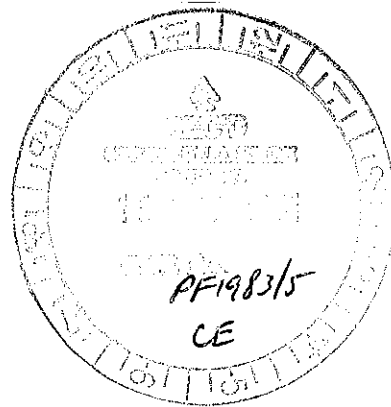
[REDACTED] were granted approval on 18 November 1999, to construct a Hillside Storage, catchment works and excavation sump for the purpose of crop irrigation on land described as Lot 2 on [REDACTED] and Lot 298 on [REDACTED] Parish of Chinchilla subject to the following conditions:

Craigmoore
Chinchilla
PO Box
4413

Phone:
FAX: 0
email:

Friday, 12 October, 2001

CEO CHINCHILLA SHIRE COUNCIL
CHINCHILLA
QLD 4413



ENTERED
IN INDEX

Dear

I write this letter to the Chinchilla Shire Council to request a renewal of the approval to construct 130 MI Hillside Storage , catchment works and excavation sump for the purpose of crop irrigation on land described as Lot 2 on and Lot 298 on Parish of chinchilla.

As council are aware we have the threat of Tarong Energy Corporation resuming this property for a Coal Mine. However at this stage it is still just a threat and they may pull out at any time and not go ahead with it. So to cover that scenario We would like to keep the Levee Bank Approval alive.

We fully understand that we are also governed by DNR and will have to comply with there rules as well. But for the interim we would just like to keep the approval alive with Council.

Yours faithfully

19/10/01

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF1983/5

Our Ref: EH:KB

Your Ref:

22 November 1999


PO Box 
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your application for approval to construct a Hillside storage, catchment works and excavation sump for the purpose of crop irrigation on land described as Lot 2 on RP206730 and Lot 298 on RP907455, Parish of Chinchilla.

I wish to advise that the application was considered by Council at the general meeting held on 18 November 1999 and that approval was granted for the structures subject to the following conditions:

- i) That the initial approval be for a period of two years with provision to renew for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- ii) That the applicant provide evidence that the adjoining landholders have been notified of the overall scheme.
- iii) That the construction be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry Best Practices Guidelines.
- iv) The applicant shall be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on the abovementioned lots and any lots affected by the structure.
- v) That the owner confirms with the Department of Natural Resources the road easement adjacent to the scheme (confusion exists whether the easement width is 20 or 40 metres, and construct works relative to the advised easement width as shown on the plans.
- vi) This scheme is approved on the basis of a 130 Ml storage reservoir and 31 hectare flood irrigation proposal and should further development be required, or the works operated in conjunction with structures on Lot 74 on Plan LY769, such will require a further submission for assessment at that time.
- vii) Construction shall commence within 12 months from the date of fulfillment of conditions and shall be completed within 2 years from the date of fulfillment of conditions.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act, a copy of which is attached.

Yours faithfully,


CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1983/5

Our Ref: EH:KB

Your Ref:

22 November 1999

PO Box [REDACTED]
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your application for approval to construct a Hillside storage, catchment works and excavation sump for the purpose of crop irrigation on land described as Lot 2 on [REDACTED] and Lot 298 on [REDACTED], Parish of Chinchilla.

I wish to advise that the application was considered by Council at the general meeting held on 18 November 1999 and that approval was granted for the structures subject to the following conditions:

- i) That the initial approval be for a period of two years with provision to renew for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- ii) That the applicant provide evidence that the adjoining landholders have been notified of the overall scheme.
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- v) That the owner confirms with the Department of Natural Resources the road easement adjacent to the scheme (confusion exists whether the easement width is 20 or 40 metres, and construct works relative to the advised easement width as shown on the plans.
- vi) This scheme is approved on the basis of a 130 Ml storage reservoir and 31 hectare flood irrigation proposal and should further development be required, or the works operated in conjunction with structures on Lot 74 on Plan EY769, such will require a further submission for assessment at that time.
- vii) Construction shall commence within 12 months from the date of fulfillment of conditions and shall be completed within 2 years from the date of fulfillment of conditions.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act, a copy of which is attached.

Yours faithfully,

BC Department of Natural Resources
PO Box 473
CHINCHILLA Q 4413

[REDACTED]
CHIEF EXECUTIVE

For your information.

[REDACTED]
CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

G J Brandon & Associates Pty Ltd

CONSULTING ENGINEERS

Chartered Civil Engineers; Certified Local Government Engineers
A.C.N. 010 461 113

8 Colamba Street
CHINCHILLA Q 4413

24 Quintin Street
ROMA Q 4455

Council Chambers
TAROOM Q 4420

Council Chambers
ST GEORGE Q 4487

P O Box 147
Chinchilla Q 4413

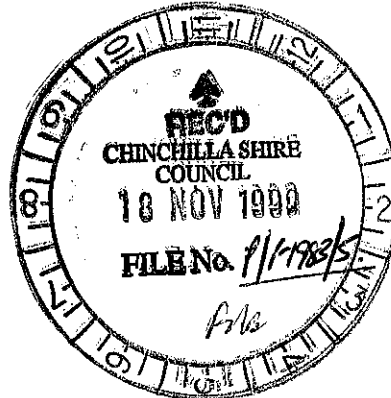
Tel: (07) 4668 9351
Fax: (07) 4668 9851

Enq: [REDACTED]

Principal Executive Officer:
G J BRANDON, BE, MIE Aust

Directors:
R J HICKS, BE, MIE Aust
B A PAYNE, BE, MIE Aust
G G COOK, BE, MIE Aust

Secretary:
J D McQUAID



15th November, 1999

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA Qld 4413

ENTERED
IN INDEX

Dear Sir,

Levee Bank Application - [REDACTED]

Re:

Applicant: [REDACTED]

Land Description: Lot 2 on [REDACTED] and Lot 298 on [REDACTED] Parish of Chinchilla.

Land Owner: [REDACTED]

Tenure of Land: Freehold/Leasehold, Rural A

Nature of Work: Hillside storage and catchment works and excavated sump.

Purpose of Work: Crop irrigation - works are standalone and/or form part of a larger scheme on Lot [REDACTED]

Permit Required: The owner has requested a period of 2 years for the permit.

Advertising: The application has been advertised on 19 and 26 August 1999 in accordance with Section 938 (2) (b) of the Local Government Act 1993, calling for support or objection for the proposal closing with Council on 17 September 1999.

Support or Objection: Council was in the receipt of no objection with regards to the proposal.

BACKGROUND

This revised application forms the third amendment to plans, with the original plans lodged on 22 April 1999 lacking sufficient details to proceed with the assessment process at that time.

Following the second submission of plans, a meeting was held with the Department of Natural Resources (Chinchilla) with the following concerns raised.

1. Lack of room to recover the by-wash water within the owner's property.
2. Possible diversion of water away from the western catchment, by the location of the storage embankment and subsequent eastern by-wash.
3. Erosion to Councils existing road easement.
4. Lack of dimensional details between the property boundary and earthworks.
5. The steepness of the topography for flood irrigation.
6. The size of the storage capacity in the proposed catchment and any subsequent catchment redirection to the adjoining Lot 74 [REDACTED].

DETAILS OF THE APPLICATION

The application allows for the storage of 130 Ml of collected overland flow from an adjacent property and runoff, to be used for 31 hectares of flood irrigation. The irrigation area is identified to the south of the proposed storage.

The scheme has been designed on the assumption that 6.5 Ml of water per hectare will be required for cotton under flood irrigation arrangements (200 Ml). It is believed that in 50% of years run-off from the catchment (330 hectares) will equal or exceed 90 Ml. A sump capacity of 18.5 Ml has been allowed, which would contain the first 50 mm of overland run-off under Cotton Best Management Practices.

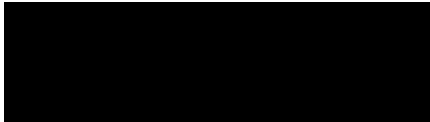
Further the by-wash has been designed to occur on the eastern side of the storage, with an area of 60 m level surface provided with both rock protection and grassed to prevent erosion.

The irrigation area consists of two fields with flow direction back towards the north of the fields as detailed in plan number 5.

Attached are plans for consideration.

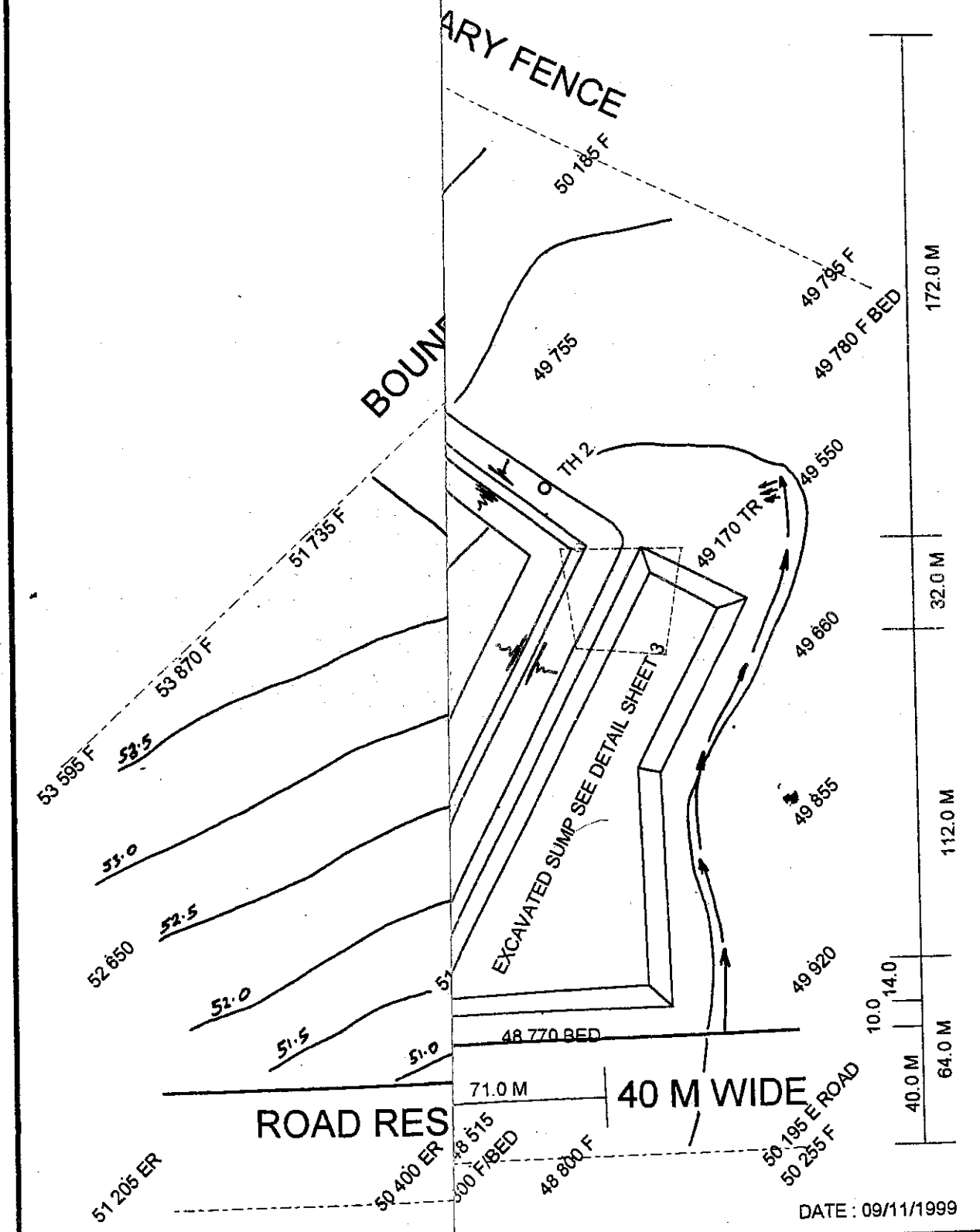
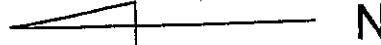
- vi) This scheme is approved on the basis of a 130 Ml storage reservoir and 31 hectare flood irrigation proposal and should further development be required, such will require a further submission for assessment at that time.

Yours faithfully,
G J BRANDON & ASSOCIATES PTY LTD



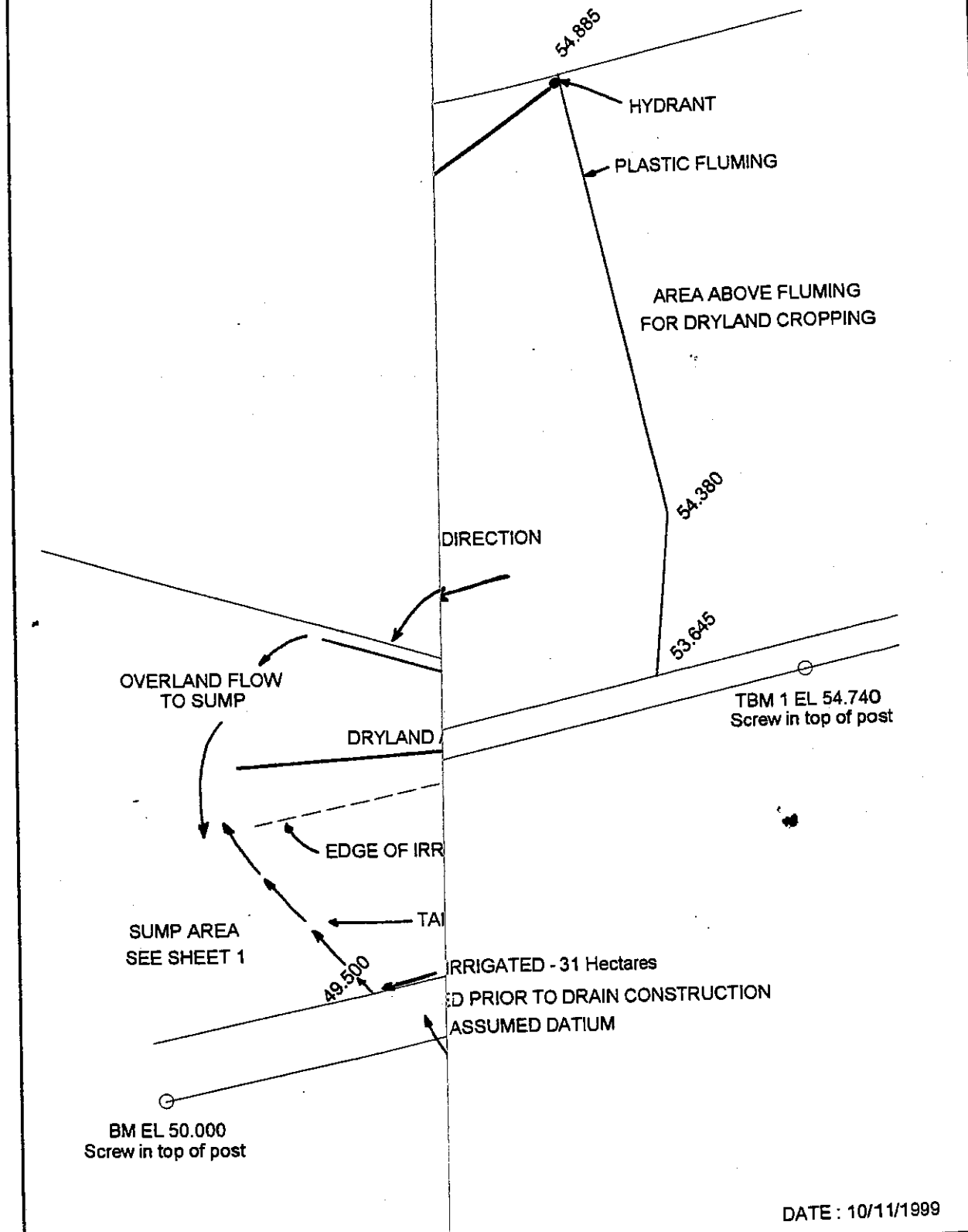
(Director)

CHINCHILLA IRRIGATION &
 PUMPING SERVICES PTY LTD
 A.C.N. 074 568 273
 Warrego Highway CHINCHILLA
 Tel (07) 4662 8469 and Fax (07) 4662 8470



DATE: 09/11/1999

CHINCHILLA IRRIGATION
PUMPING SERVICE
 A.C.N. 074 568
 Warrego Highway CHINCHILLA
 Tel (07) 4662 8469 and Fax



DATE: 10/11/1999

G J Brandon & Associates Pty Ltd

CONSULTING ENGINEERS
Chartered Civil Engineers; Certified Local Government Engineers
A.C.N. 010 461 113

8 Colamba Street
CHINCHILLA Q 4413

24 Quintin Street
ROMA Q 4455

Council Chambers
TAROOM Q 4420

Council Chambers
ST GEORGE Q 4487

P O Box 147
Chinchilla Q 4413

Tel: (07) 4668 9351
Fax: (07) 4668 9851

En. [REDACTED]

Principal Executive Officer:
G J BRANDON, BE, MIE Aust

Directors:
R J HICKS, BE, MIE Aust
B A PAYNE, BE, MIE Aust
G G COOK, BE, MIE Aust

Secretary:
J D McQUAID

15th November, 1999

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA Qld 4413

Dear Sir,

Levee Bank Application - [REDACTED]

Re:

Applicant:

[REDACTED]

Land Description:

Lot 2 on RP [REDACTED] and Lot 298 on RP [REDACTED] Parish of Chinchilla.

Land Owner:

[REDACTED]

Tenure of Land:

Freehold/Leasehold, Rural A

Nature of Work:

Hillside storage and catchment works and excavated sump.

Purpose of Work:

Crop irrigation - works are standalone and/or form part of a larger scheme on Lot 74 [REDACTED]

Permit Required:

The owner has requested a period of 2 years for the permit.

Advertising:

The application has been advertised on 19 and 26 August 1999 in accordance with Section 938 (2) (b) of the Local Government Act 1993, calling for support or objection for the proposal closing with Council on 17 September 1999.

Support or Objection:

Council was in the receipt of no objection with regards to the proposal.

CONSULTATION

During a meeting held on site on 17 November 1999, discussions were held with respect to the following items.

1. The possible water sharing arrangement with a ring tank proposal and separate irrigation area on Lot 74 LY 769 as detailed in the original application.

The applicant advised that this proposal would be for a standalone project consisting of 130 Ml storage reservoir with a 31 hectare flood irrigation and would not involve the sharing with another ring tank proposed on Lot 74 [REDACTED] without further application for assessment.

2. Determination of reservoir embankment location with respect to a catchment to the western side of the reservoir. A modification to plans lodged in June indicates a change to embankment location to allow this catchment to the North-west of the scheme to be unimpeded as was previously occurring.
3. A clarification on area to be irrigated was identified and explained by the applicant. This satisfied concern on overland flow path proposals and current land topography.
4. Discussions were also held on the width of a road easement adjacent to the property as to whether this was either 20 or 40 metres. The applicant has been referred to the Department of Lands to obtain clarification of this issue.

CONSIDERATIONS

Council could consider approving the irrigation scheme on land described as Lot 2 [REDACTED] and Lot 298 RP [REDACTED] Parish of Chinchilla, subject to the following conditions:-

- i) That the initial approval be for a period of two years with provision to renew for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- ii) That the applicant provide evidence that the adjoining landholders have been notified of the overall scheme.
- iii) That the construction be in accordance with sound engineering guidelines. The agriculture practices on the land shall also be in accordance with industry Best Practices Guidelines.
- iv) The applicant shall be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on the abovementioned lots and any lots affected by the structure.
- v) That the owner confirms with the Department of Lands the road easement adjacent to the scheme (confusion exists whether the easement width is 20 ~~or~~ 40 metres), and construct works relative to the advised easement width as shown ~~on~~ the plans.

TECHNICAL REPORT



PROPOSED IRRIGATION SCHEME

REDESIGN INVESTIGATION NOVEMBER 1999

General

This design report refers to the proposed irrigation storage and associated irrigation scheme to be located on Mr Ussher's property "Craigmoore" which is approximately 10 kilometres to the south east of Chinchilla.

It is proposed to construct a hillside storage and associated collection sump on the site selected, approximately 700 metres to the north of the homestead. This storage will collect overland flow from adjacent properties and runoff from the proposed 31 hectare flood irrigation scheme for cotton. The irrigation block is located to the south of the proposed storage and spans a broad ridge.

Details of the proposed project are described below.

Irrigation Area

The area to the south of the proposed storage is presently a dryland cropping block and it is proposed to develop approximately 31 hectares of the block into an area suitable for flood irrigation of cotton. This will involve minimal laser leveling of the existing block and the installation of an underground mainline from the proposed sump to supply irrigation water to a plastic fluming type distribution system.

Due to the uneven shape of the boundaries of the proposed block the row lengths vary from 450 metres to 1150 metres. Long irrigation runs (over 900 metres) are not efficient. Often the upper part of the area is over watered in irrigating to lower part of the block. Thus it is proposed to divide the area into two blocks by an access road and tail drain system. (see sheet 5) The top block would have run lengths of approximately 450 metres while the lower block run lengths are around 650 metres. This will also make the system easier to manage through keeping irrigation times approximately similar within a particular block.

Drainage works will consist of tail drains at the lower ends of each block and a collection drain from block 1 running down the eastern side of block 2 to discharge block 1 tail water to the sump. Drains have been designed with a peak flow capacity equivalent to a 1 in 10 year storm discharge. (see sheet 6)

Flood irrigation of cotton currently uses an average of approximately 6.5 megalitres of water per hectare around the district. Thus to irrigate the proposed 31 hectare block will require on average 200 megaliters of irrigation water.

Catchment

The catchment area above the proposed storage has been estimated from topographic maps to be approximately 330 hectares.

The catchment consists of Brigalow scrub soils with cropping, improved pasture and native pasture being the predominate land uses.

An estimate of runoff from catchment containing Brigalow type soils is difficult due to the difference in runoff potential depending on how "wet" the catchment is at the time of the particular rainfall event. Therefore it is usual to be conservative when estimating runoff from these catchments.

An analysis of the catchment using the U.S.D.A runoff model for small catchments and 30 year rainfall records for Chinchilla has indicated that in 50 % of years runoff from the catchment will equal or exceed 90 megalitres while in 3 out 4 years (75%) runoff will equal or exceed 23 megalitres. These figures could increase up to 150 megalitres and 52 megalitres respectively, depending on the effect of the "wetness" of the catchment. Because the 31 hectare cropping area is proposed to be irrigated it will act slightly differently to the rest of the catchment producing an additional 9 megalitres in 75 % of years and 21 megalitres in 50 % of years. Thus the combined catchment has the potential to produce 111 megalitres in 50 % of years with the possibility of 170 megalitres in some years.

It should be pointed out that estimation of runoff from small farm catchments is not an exact science and further research is being conducted to improve the knowledge of how catchments react to high intensity and short duration rainfall events. However the above mentioned runoff volumes should be suitable for long term project planning.

Storage

The proposed hillside storage consists of a U shaped embankment which is to be located across a broad based depression near the entrance to Mr Ussher's property.

A materials investigation has been carried out on the site to determine the suitability of the soils for embankment construction. Soils on the site have been visually classified as clays and sandy clays. Some of the soils tested have indicated dispersive properties. **Dispersive soils combined with poor compaction have accounted for more farm dam failures than any other mode of failure combined.** It is possible to construct a reliable earth embankment for an on farm storage using dispersive soils **providing** correct moisture control and proper compaction techniques are utilised.

The proposed embankment is to be constructed as a homogenous earth embankment with a compacted central clay core and compacted clay cutoff. The embankment will have a maximum height of 4.1 metres with a crest length of 855 metres and a crest width of 4 metres.

Batter slopes on the proposed embankment will be 3 to 1, both upstream and downstream.

The cutoff trench is expected to be approximately 0.5 m deep along most of its length however this will be subject to variation on site. Both cutoff and core are to be 3 metres minimum width. Cutoff should extend at least 300 mm into suitable clay material.

Approximately 32 000 cubic metres of compacted earth and clay fill would be required to construct the 4.1 metre high embankment, plus some 1600 cubic metres of material to be removed and replaced in the cutoff trench. Approximately 19 000 cubic metres of this material will be removed from the excavated sump below the embankment while the remainder will be obtained from inside the storage area and the bywash cut.

The storage impounded upstream of the proposed embankment is estimated to be approximately 130 megalitres excluding the proposed sump. Thus total storage including sump would be 148.5 megalitres.

Bywash

Excess flows from the catchment will be diverted through a bywash, to be located at the left bank end (looking downstream) of the proposed embankment, and returned to the depression (and proposed sump) downstream of the embankment. The bywash consists of a flat bench cut in a semi-circular pattern at the end of the embankment with inlet and outlet levels equivalent to Full Supply Level. Inlet and outlet width on the proposed bywash will be 60 metres.

Bywash width has been calculated based on discharge from a 1 in 100 year storm event on the catchment and assuming approximately 0.5m depth flow through the bywash.

Rock protection works will be required to prevent flows through the bywash from eroding the downstream end and toe of the embankment. Protection works will consist of hand placed rock

extending from approximately the centre line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface.

Material excavated during bywash construction will be utilised in construction of the embankment.

Bywash return slopes spread bywash flows and reduce water velocities by having good grass cover on the return slope. Thus it is important to establish and maintain grass cover on return slopes to prevent erosion.

Excavated Sump

It is proposed that an excavated sump will also be constructed downstream of the embankment to collect tailwater and runoff from the irrigation block located to the south of the proposed storage.

Water will be collected via drains which will discharge at natural surface level above the sump allowing water to flow over a grassed inlet area to the sump.

The proposed sump would have a capacity of approximately 18.5 megalitres with a maximum depth of cut of approximately 2.9 metres. The sump has sufficient capacity to store the volume of water equating to 50 mm of runoff from the proposed irrigation block.

Water stored in the sump will be able to be pumped to the irrigation block or into the storage for later use.

Material excavated during construction of the sump will be utilised for construction of the centre section of the embankment.

Conclusion

This project is a redesign of the project submitted to the Chinchilla Shire Council in July/Aug and incorporates changes requested by council.

If you require any further details or wish to discuss any part of this project please contact me on [REDACTED]

Regards

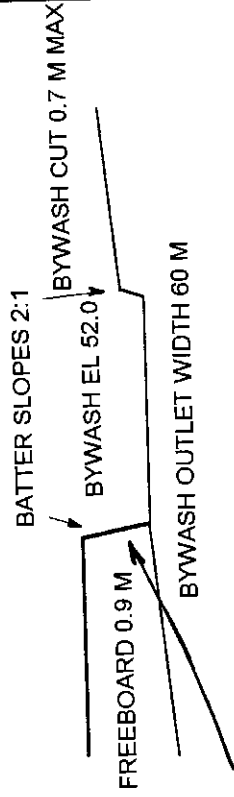
[REDACTED]
Chinchilla Irrigation and Pumping

CHUNCHILLA IRRIGATION AND
 PUMPING SERVICES PTY LTD
 A.C.N. 076 838 273
 Warrego Highway CHUNCHILLA Q 4413
 Tel (07) 4662 3169 and Fax (07) 4662 8589

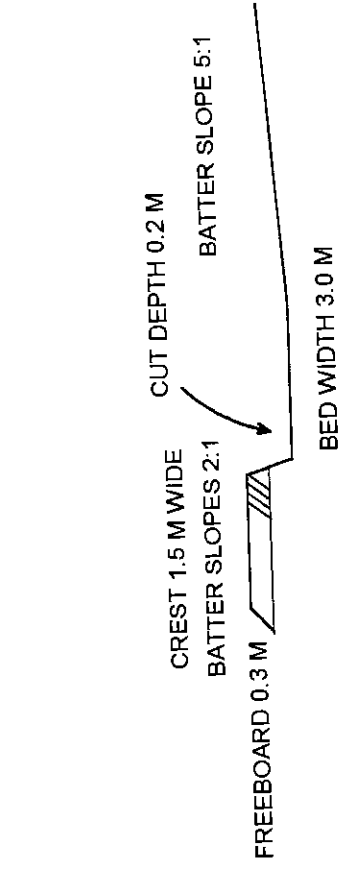


RIGHT BANK END EMB

HAND PLACED ROCK PITCHING
 TO BE INSTALLED ON EMBANKMENT
 AT BYWASH OUTLET



LEFT BANK BYWASH



TAIL DRAIN SECTION

TYPICAL EMBANKMENT SECTION

DATE - 09/11/1999

- BYWASH DETAIL

Scale :

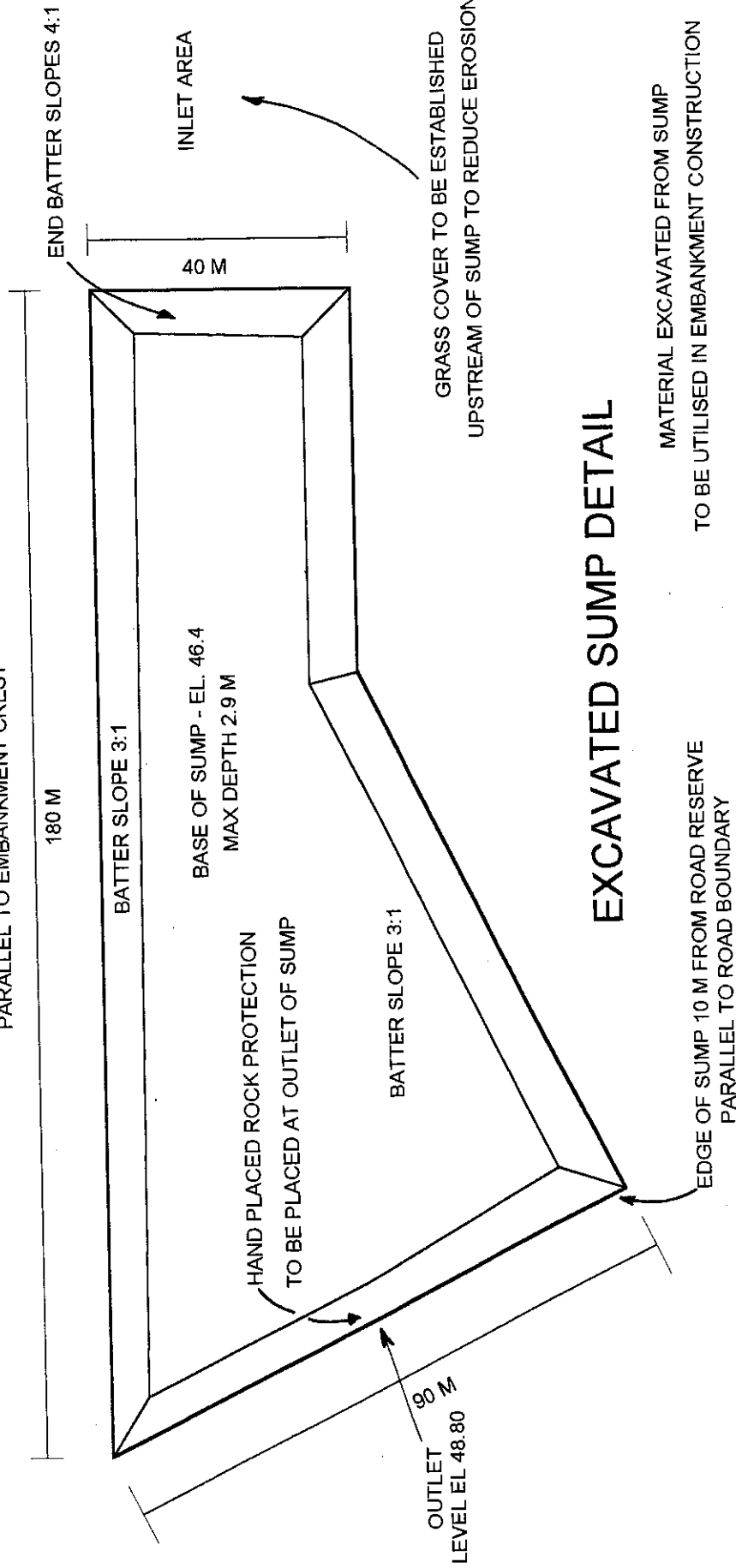
DRAWN I.S.R

SHEET 2 OF 6

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 593 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8419 and Fax (07) 4662 8589

EXCAVATED SUMP CAPACITY 18.5 ML Approx

SUMP TO BE CONSTRUCTED WITH 5 M CLEARANCE FROM EMBANKMENT
PARALLEL TO EMBANKMENT CREST



EXCAVATED SUMP DETAIL

MATERIAL EXCAVATED FROM SUMP
TO BE UTILISED IN EMBANKMENT CONSTRUCTION

DATE : 08/11/1999

- SUMP DETAIL

Scale : 1 : 1000

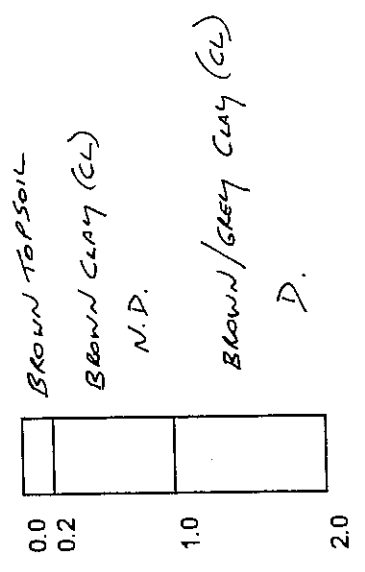
DRAWN I.S.R

SHEET 3 OF 6

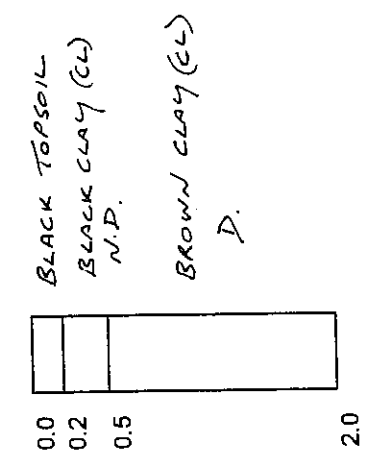
CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD

A.C.N. 074 588 273
 WAREGO HIGHWAY CHINCHILLA Q 4413
 Tel (07) 4662 8469 and Fax (07) 4662 8589

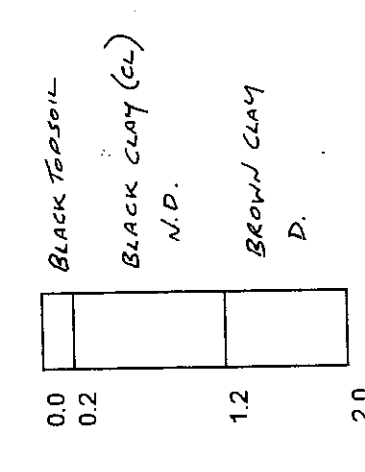
TEST HOLE NO. 3



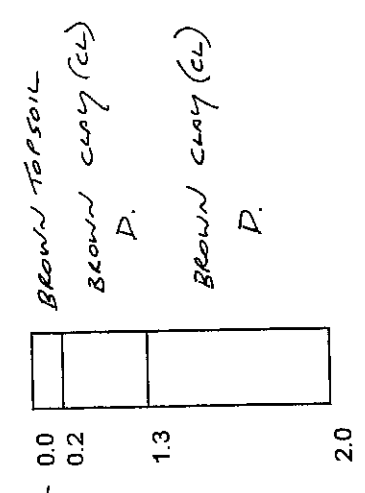
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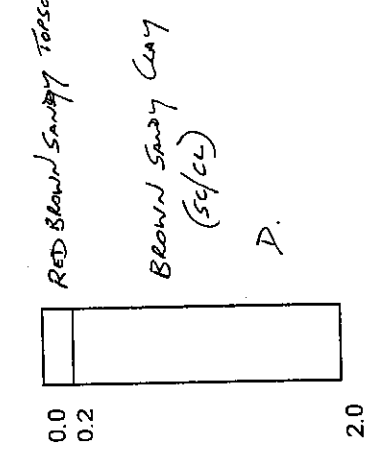
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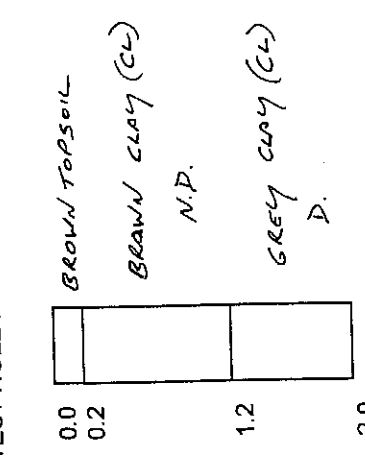
TEST HOLE NO. 6



TEST HOLE NO. 5



TEST HOLE NO. 4



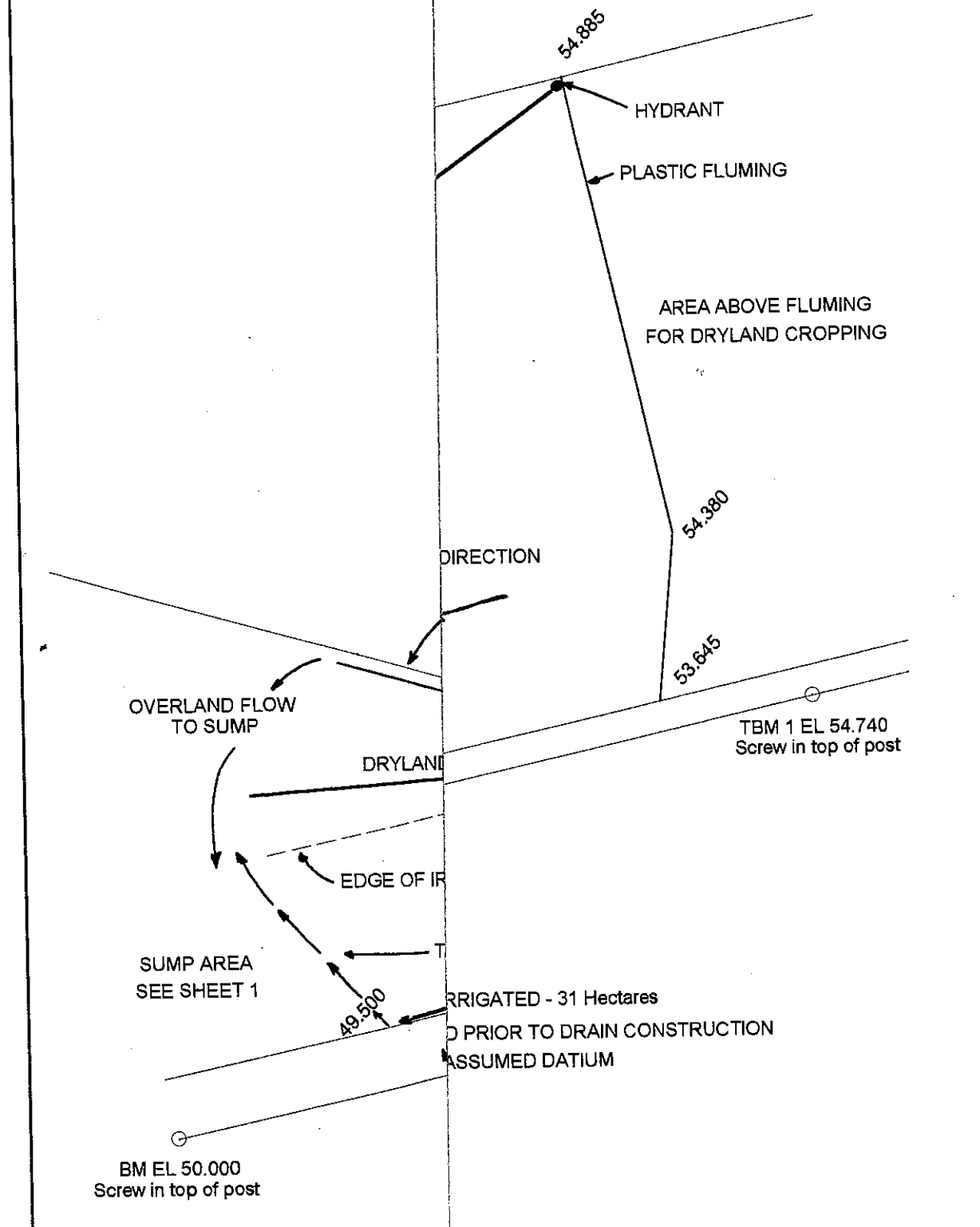
NOTES : Soils visually classified only ; D - Indicates Dispersive ; ND - Non Dispersive

DATE : 14/07/1999

DRAWN I.S.R

- TEST HOLE LOGS Scale :

CHINCHILLA IRRIG
PUMPING SERVICE
 A.C.N. 074 56
 Warrego Highway CHIN
 Tel (07) 4662 8469 and Fa



DATE : 10/11/1999

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1983/5

Our Ref: EH:KB

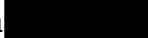
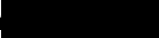
Your Ref:

9 August 1999


PO Box 
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your application for the proposed construction of a Hillside Storage, catchment works and excavated sump works for the purpose of Crop irrigation on land described as Lot 2 on  and Lot 298 on  Parish of Chinchilla lodged on 21st April 1999.

I wish to advise again that Council is unable to fully assess your application on the following points;

1. Lack of details on irrigation scheme proposal, as listed in the "Excavated Sump" portion of the technical report. This will include embankment to collect tailwater and runoff for irrigation block to south.
2. Details on bywash location in relation to storage structure.
3. Overall plan including both irrigation scheme and storage dam.

The application has been again placed on hold pending receipt of the abovementioned information and once received further assessment will continue.

Council awaits the receipts on the required information.

Yours faithfully,


CHIEF EXECUTIVE

TECHNICAL REPORT

PROPOSED IRRIGATION STORAGE

DESIGN INVESTIGATION JUNE 1999

General

This design report refers to the proposed irrigation storage to be located on [REDACTED] property "Craigmoores" which is approximately 10 kilometres to the south east of Chinchilla.

It is proposed to construct a hillside storage and associated collection sump on the site selected, approximately 700 metres to the north of the homestead. This storage will collect overland flow from adjacent properties and runoff from the existing 50 hectare cropping area.

Details of the proposed project are described below.

Catchment

The catchment area above the proposed storage has been estimated from topographic maps to be approximately 330 hectares.

The catchment consists of Brigalow scrub soils with cropping, improved pasture and native pasture being the predominate land uses.

An estimate of runoff from catchment containing Brigalow type soils is difficult due to the difference in runoff potential depending on how "wet" the catchment is at the time of the particular rainfall event. Therefore it is usual to be conservative when estimating runoff from these catchments.

An analysis of the catchment using the U.S.D.A runoff model for small catchments and 30 year rainfall records for Chinchilla has indicated that in 50 % of years runoff from the catchment will equal or exceed 90 megalitres while in 3 out of 4 years (75%) runoff will equal or exceed 23 megalitres. These figures could increase up to 150 megalitres and 52 megalitres respectively, depending on the effect of the "wetness" of the catchment. Because the 50 hectare cropping area is proposed to be irrigated it will act slightly differently to the rest of the catchment producing an additional 8 megalitres in 75 % of years and 30 megalitres in 50 % of years. Thus the combined catchment has the potential to produce 120 megalitres in 50 % of years with the possibility of 180 megalitres in some years.

It should be pointed out that estimation of runoff from small farm catchments is not an exact science and further research is being conducted to improve the knowledge of how catchments react to high intensity and short duration rainfall events. However the above mentioned runoff volumes should be suitable for long term project planning.

Storage

The proposed hillside storage consists of a U shaped embankment which is to be located across a broad based depression near the entrance to [REDACTED] property.

A materials investigation has been carried out on the site to determine the suitability of the soils for embankment construction. Soils on the site have been visually classified as clays and sandy clays. Some of the soils tested have indicated dispersive properties. **Dispersive soils combined with poor compaction have accounted for more farm dam failures than any other mode of failure combined.** It is possible to construct a reliable earth embankment for an on farm storage using dispersive soils providing correct moisture control and proper compaction techniques are utilised.

The proposed embankment is to be constructed as a homogenous earth embankment with a compacted central clay core and compacted clay cutoff. The embankment will have a maximum height of 4.1 metres with a crest length of 760 metres and a crest width of 4 metres.

Batter slopes on the proposed embankment will be 3 to 1, both upstream and downstream.

The cutoff trench is expected to be approximately 0.5 m deep along most of its length however this will be subject to variation on site. Both cutoff and core are to be 3 metres minimum width. Cutoff should extend at least 300 mm into suitable clay material.

Approximately 30 000 cubic metres of compacted earth and clay fill would be required to construct the 4.1 metre high embankment, plus some 1200 cubic metres of material to be removed and replaced in the cutoff trench. Approximately 19 000 cubic metres of this material will be removed from inside the storage area while the remainder will be excavated from the sump.

The storage impounded upstream of the proposed embankment is estimated to be approximately 127 megalitres excluding the proposed sump.

Bywash

Excess flows from the catchment will be diverted through a bywash, to be located at each end of the proposed embankment, and returned to the depression downstream of the embankment. Bywashes consist of a flat bench cut at each end of the embankment with inlet and outlet levels equivalent to Full Supply Level. Outlet width on both bywashes will be 30 metres.

Bywash width has been calculated based on discharge from a 1 in 100 year storm event on the catchment and assuming approximately 0.5m depth flow through the bywash.

Rock protection works will be required to prevent flows through the bywash from eroding the downstream end and toe of the embankment. Protection works will consist of hand placed rock extending from approximately the centre line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface.

Material excavated during bywash construction will be utilised in construction of the embankment.

Bywash return slopes spread bywash flows and reduce water velocities by having good grass cover on the return slope. Thus it is important to establish and maintain grass cover on return slopes to prevent erosion.

Excavated Sump

It is proposed that an excavated sump will also be constructed downstream of the embankment to collect tailwater and runoff from the irrigation block located to the south of the proposed storage.

Water will be collected via a catch drain to be located at the lower end of the irrigation block between the irrigation block and the sump. The catch drain will discharge at natural surface level above the sump allowing water to flow over a grassed inlet area to the sump.

The proposed sump would have a capacity of approximately 11 megalitres and is rectangular in shape, with a maximum depth of approximately 2.5 metres.

Water stored in the sump will be pumped to the irrigation block or into the storage for later use.

Material excavated during construction of the sump will be utilised for construction of the centre section of the embankment.

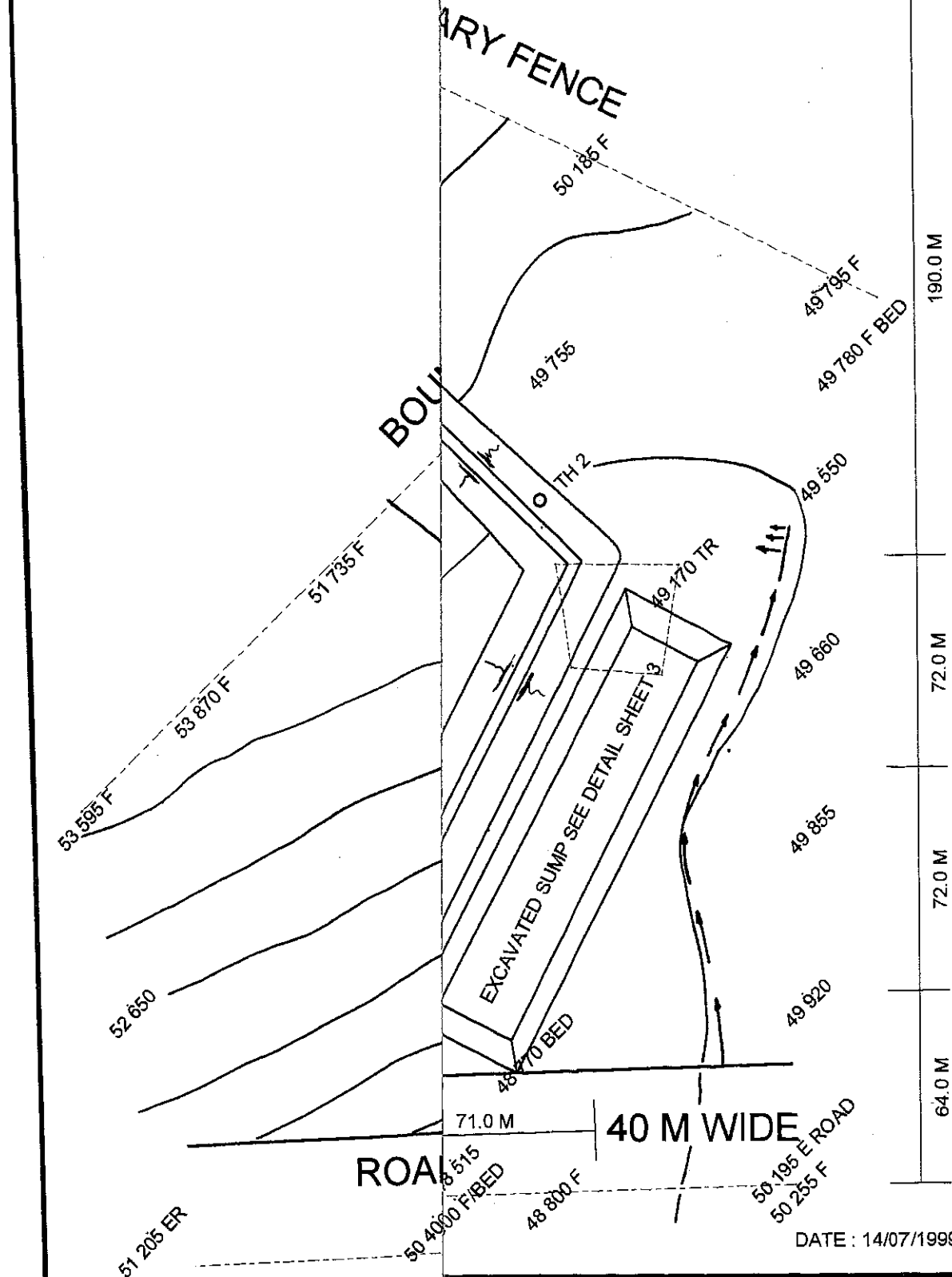
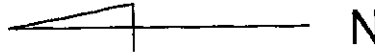
Conclusion

If you require any further details or wish to discuss any part of this project please contact me on [REDACTED]

Regards
[REDACTED]

Chinchilla Irrigation and Pumping

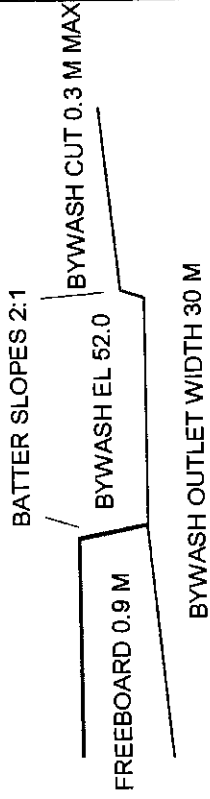
**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589



DRAWN I.S.R

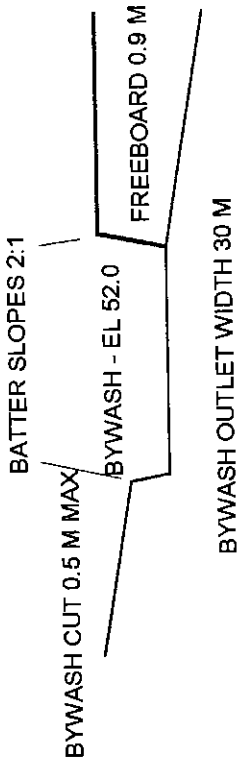
SHEET 1 OF 5

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

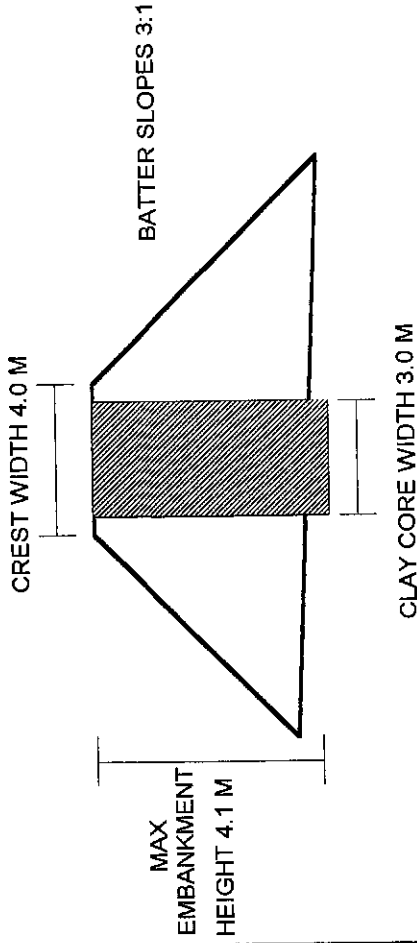


LEFT BANK BYWASH

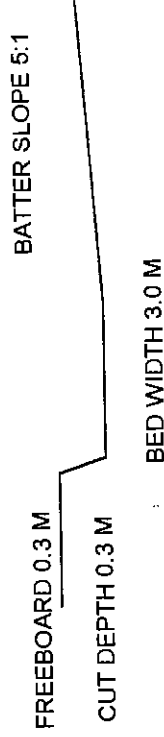
HAND PLACED ROCK PITCHING
TO BE INSTALLED ON EMBANKMENT
AT BYWASH OUTLET



RIGHT BANK BYWASH



TYPICAL EMBANKMENT SECTION



TAIL DRAIN SECTION

DATE : 14/07/1999

- BYWASH DETAIL

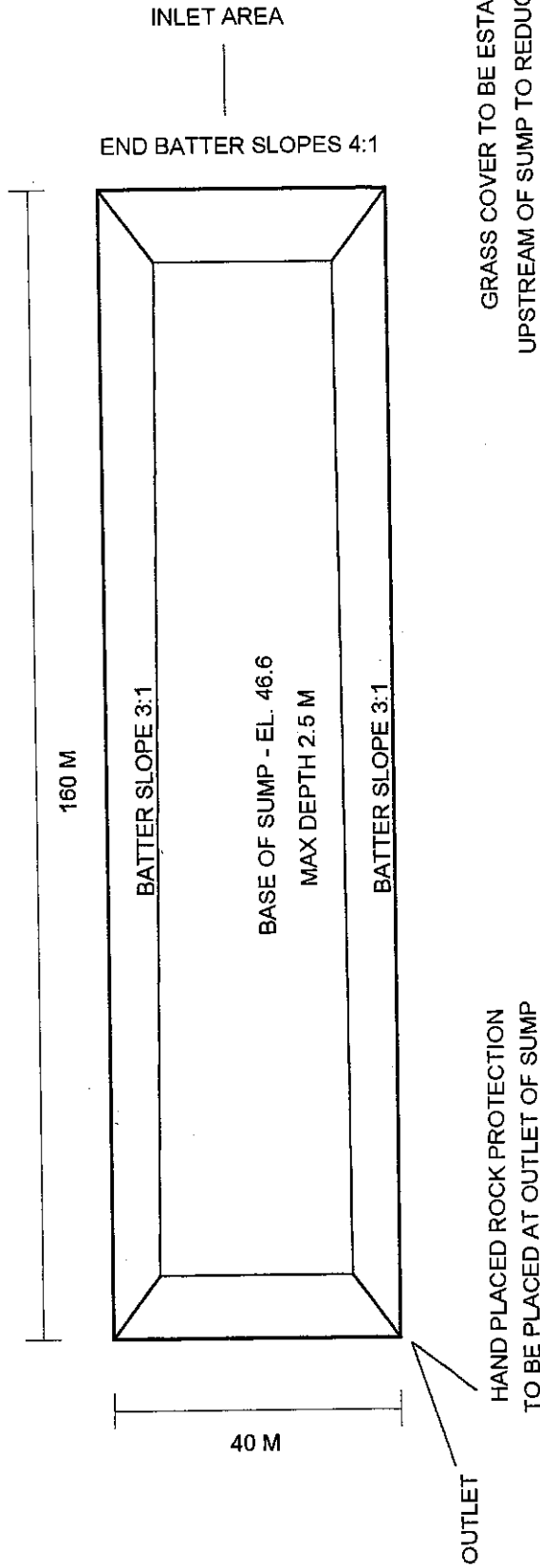
Scale :

DRAWN I.S.R

SHEET 2 OF 5

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

EXCAVATED SUMP CAPACITY 11.0 ML Approx



EXCAVATED SUMP DETAIL

DATE : 14/07/1999

- SUMP DETAIL

Scale : 1 : 1000

DRAWN I.S.R

SHEET 3 OF 5

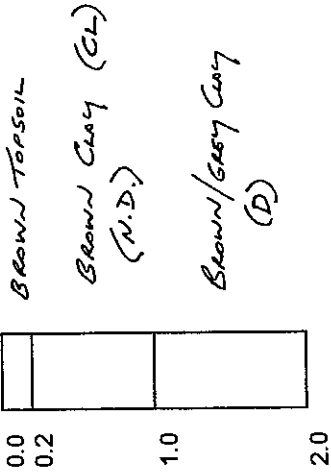
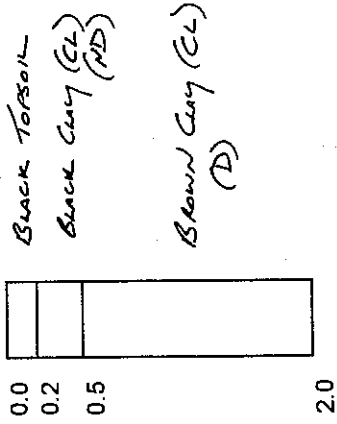
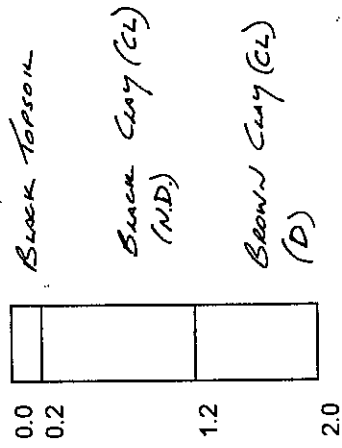
CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD

A.C.N. 074 568 273

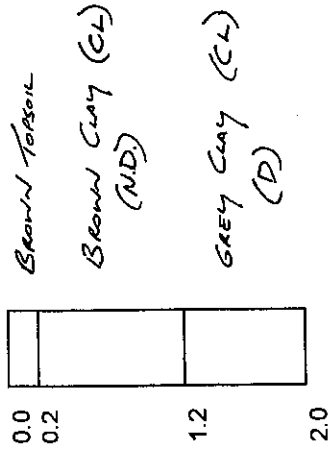
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

TEST HOLE NO. 2

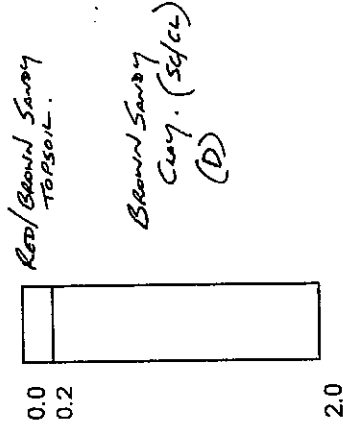
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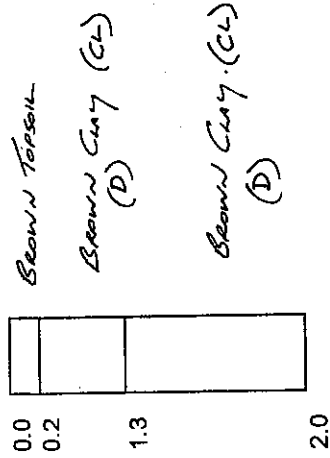
TEST HOLE NO. 4



TEST HOLE NO. 5



TEST HOLE NO. 6



NOTES : Soils visually classified only ; D - Indicates Dispersive ; ND - Non Dispersive

DATE : 14/07/1999

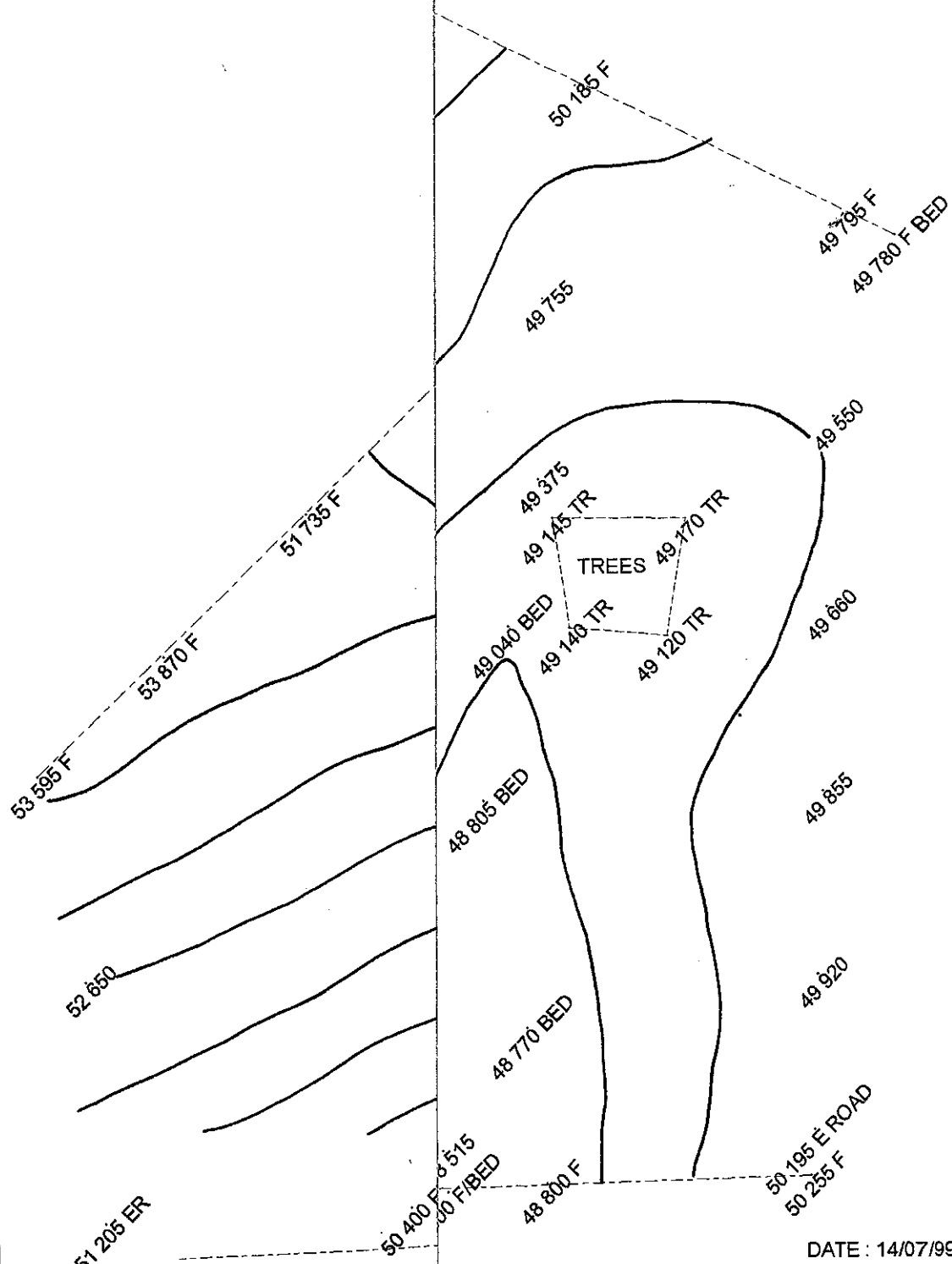
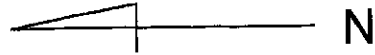
- TEST HOLE LOGS

Scale :

DRAWN I.S.R

SHEET 4 OF 5

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589



DATE : 14/07/99

B & S USSHELDON

DRAWN I.S.R

SHEET 5 OF 5

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF1983/5

Our Ref: EH:SH

Your Ref:

27 April, 1999

ENTER
IN INDEX

PO Box [REDACTED]
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your recent application lodged for the proposed construction of a Hillside Storage, catchment works and excavated sump works for the purpose of crop irrigation on land described as Lot 2 on [REDACTED] and Lot 298 on [REDACTED] Parish of Chinchilla.

I wish to advise that Council is unable to consider the application due to the lack of detail provided as required in accordance with item 10 and 11 of the application, namely:-

- 10) Plan of the property, strictly to scale of 1:10,000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- 11) Plan to scale of proposed levee bank showing proposed construction details.

With regard to the above clauses, Council requires the submission of plans prepared by a suitably qualified consultant, which show the full extent of the proposal before advertising, calling for objections or comments.

Also a standard condition of Council's approvals are that evidence be presented to the effect that adjoining landholder's have been advised of the proposal and as such, I would advise that once the plans are completed you should discuss the proposal with adjoining landholders.

The application, due to it not being complete will be held and not acted upon until Council is in receipt of the required documentation prepared by a suitably qualified consultant.

Yours faithfully,

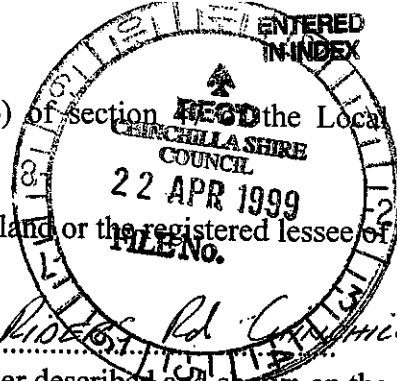
[REDACTED]
CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

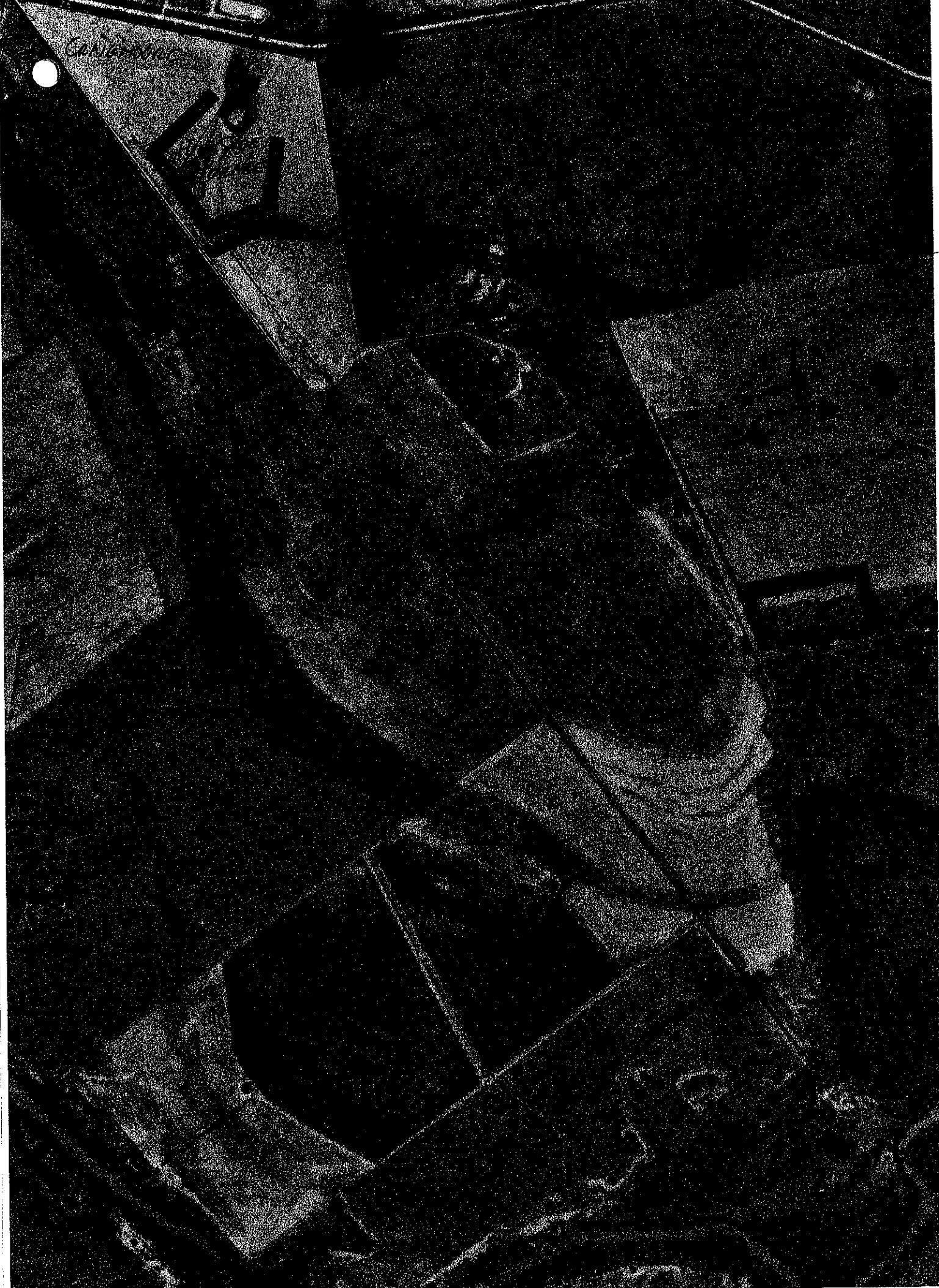


Application for Permit Granted under the provisions of sub-section (24) of section 460D of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED] of "CRAIGMOORE" RIDGE Rd CHINCHILLA in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant [REDACTED]
- (2) Postal Address P.O. Box [REDACTED] CHINCHILLA
- (3) Location of work (see also 10) Country LYTTON Parish CHINCHILLA
Real Property Description LOT 2 [REDACTED] LOT 298 [REDACTED]
Area 107 HA
- (4) Nature of Works HILLSIDE STORAGE AND CATCHMENT WORKS AND EXCAVATED SUMP
- (5) Purpose of Work CROP IRRIGATION - WORKS ARE STAND ALONE AND/OR FORM PART OF A LARGER SCHEME ON USHER & USHERS PROPERTY LOT 74 [REDACTED]
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank 1100 metres
 - (b) Maximum height 3.5 metres
 - (c) Width of top 3 metres
 - (d) Width of base 20 metres
 - (e) Materials of which bank will be constructed EARTH & CLAYS
- (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? N/A
- (g) Height of top of bank above highest known flood level APPROX 4 METERS
- (7) Particulars of work (if drain or other excavation)
 - (a) Total length 250 metres
 - (b) Maximum depth 3 metres
 - (c) Width of top 12 metres
 - (d) Width at base 10 metres
 - (e) State nature of soil at site BRIGALOW BELAH CLAYS

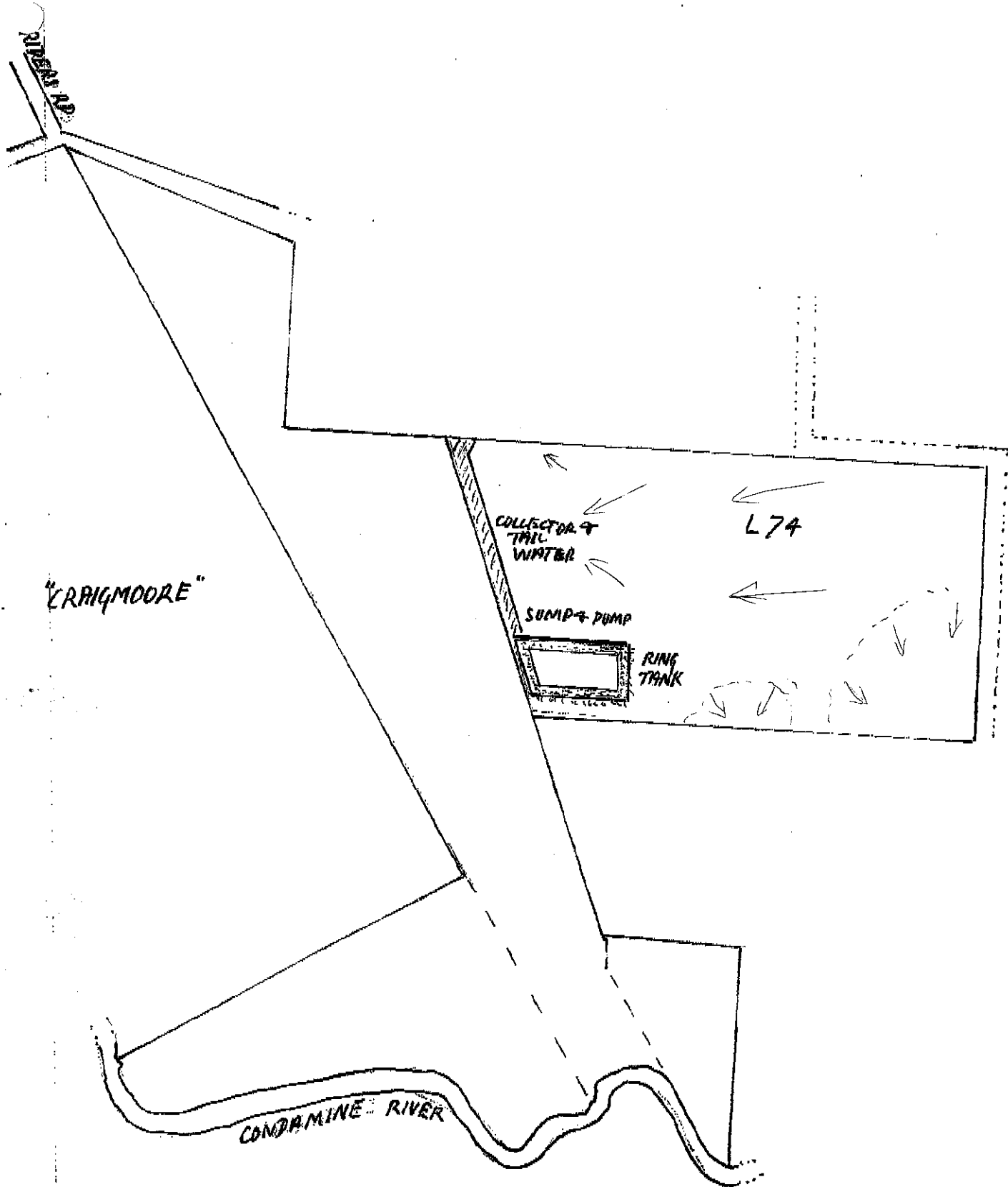


Sanjivani

LEVEL

SCALE 1:10 000

LIGHT BLUE LINE INDICATE WATER DIRECTION
APPROXIMATE POSITION SHOWN OF PROPOSED WORKS.



RIVER

"CRIGMOORE"

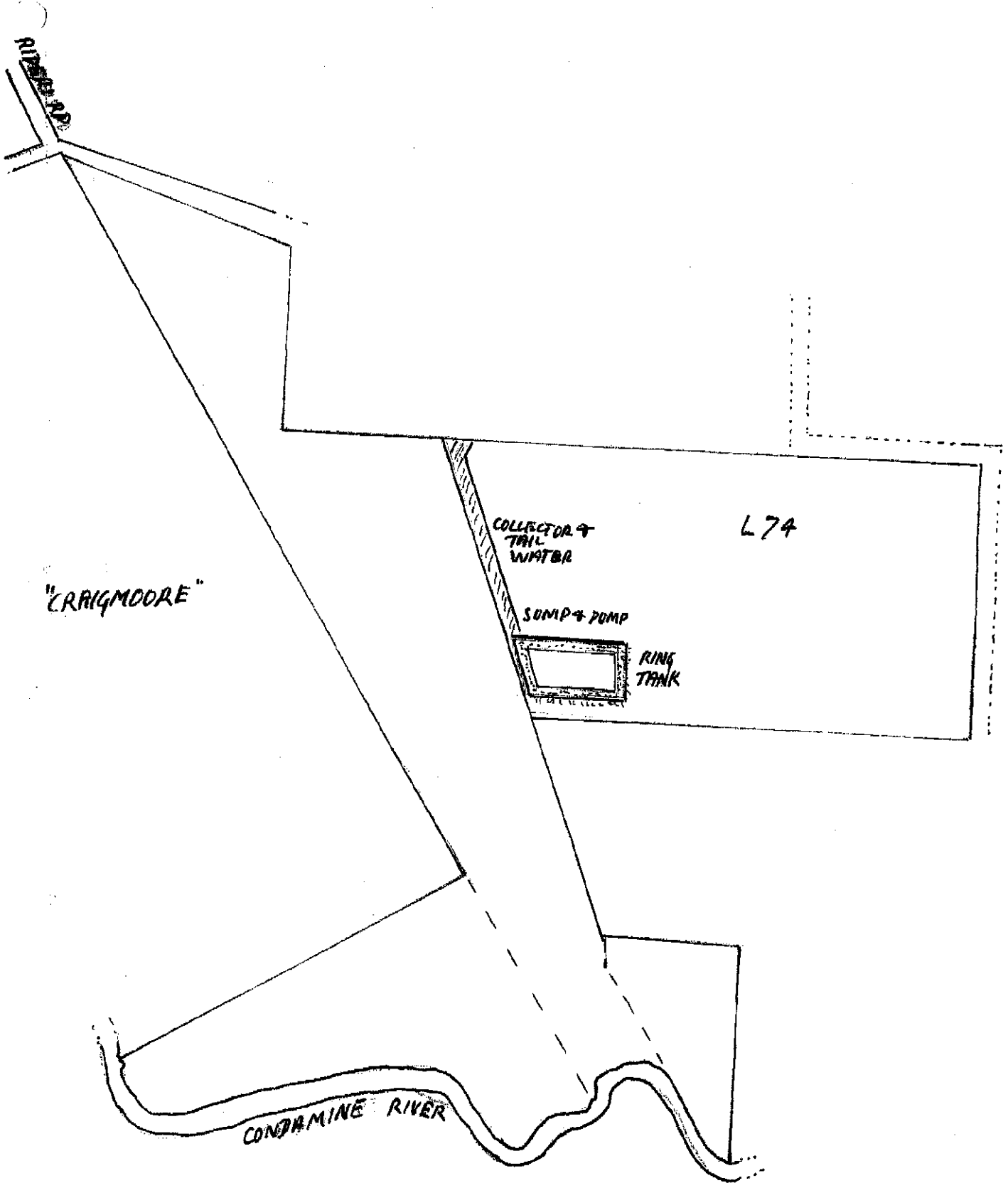
COLLECTOR &
TRAIL
WATER

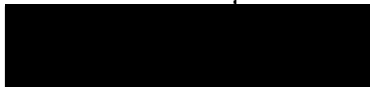
L74

SUMP & PUMP

RING
TANK

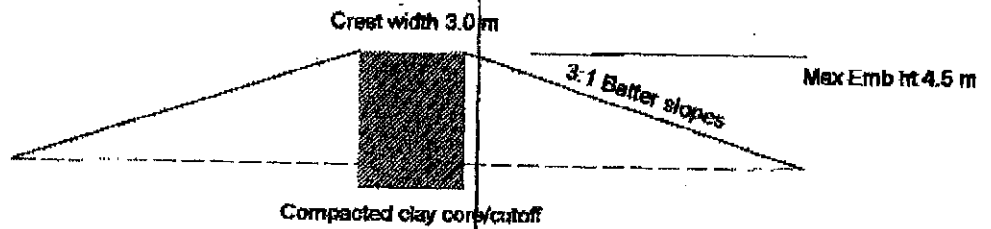
CONDAMINE RIVER



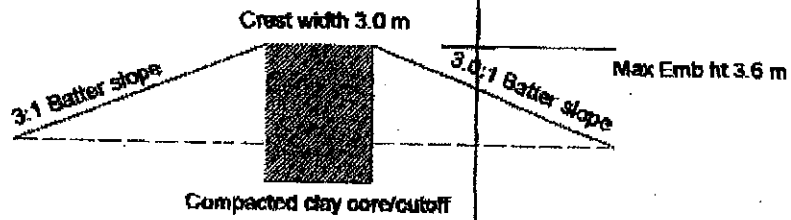


STORAGE EMBANKMENT CROSS-SECTIONS

Scale 1 : 200



TYPICAL CROSS-SECTION RINGTANK



TYPICAL CROSS-SECTION HILLSIDE STORAGE

11 August 2000

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



Dear Sir

APPEAL: SECTION 942 LOCAL GOVERNMENT ACT 1993
[REDACTED] - v - Chinchilla Shire Council

[REDACTED] have made a submission to the chief executive withdrawing their appeal against Council's decision in respect of their application for levee bank works on Lot [REDACTED] Parish Chinchilla.

The Director

I confirm that the withdrawal of the appeal has been noted in the record and that the appeal has been removed from the list of matters for hearing.

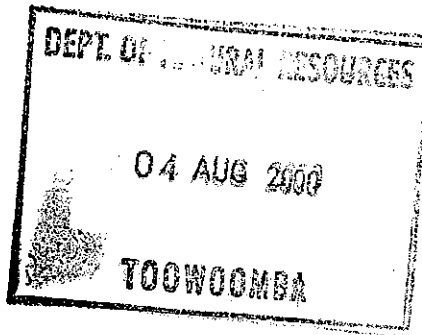
A copy of [REDACTED] submission is attached for Council's information.

Yours sincerely

[REDACTED]
for EXECUTIVE DIRECTOR, RESOURCE MANAGEMENT

*17/8/2000
Info ltr 23.*





1 August 2000



Department of Natural Resources
P.O. Box 318
TOOWOOMBA. Q. 4350.

Dear [redacted] and whomever it may concern,

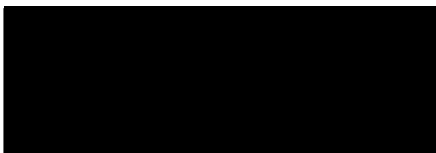
We, [redacted] of Glen Wilga, Chinchilla are the owners of Lot 1602 on [redacted] Parish of Chinchilla. On March 3 2000 we submitted to the department a formal appeal against a decision of the Chinchilla Shire Council regarding an application for approval of earthworks for irrigation and tailwater system on this land.

At that time it was the preference of all concerned that the matter be dealt with and resolved at a local level. Fortunately ensuing discussions with the Council and the Objectors and Ourselves has resulted in an outcome satisfactory to all concerned parties.

We write to the department to formally withdraw our objection to the department regarding this matter.

Thank you for your role in encouraging this process

Yours faithfully,



DOCUMENT RECEIVED BY DNR	
- 8 AUG 2000	
File No.	NR1/325/00 (0369)
File Location	MH6036- [redacted]
Action By	MH6034 - [redacted]
Registered By	Doc Code N100/03269
MC [redacted] NOTIONS MUST BE KEPT IN ORIGINAL COVER.	

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1981/5

Our Ref: EH:KB
Your Ref:

11 May 2000

██████████
"BlairAthol" MS ██████████
CHINCHILLA Q 4413

██████████
"Ulmarra" MS ██████████
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Permit Application – ██████████

Reference is made to Council's letter dated 17 February 2000 and the without prejudice meeting between the applicant, objectors and Council representatives held on the 6 April 2000, following the submission of a Management Report on the operation of the structures on adjoining Lot 1602 on ██████████ Parish of Chinchilla.

At the meeting of Chinchilla Shire Council held on the 20 April 2000, Council reconsidered the decision of 15 February 2000 for the earthworks for irrigation and tailwater system to be constructed on land described as Lot 1602 on ██████████ Parish of Chinchilla and decided to grant approval for a Levee Bank Permit subject to the following conditions:-

- i) That the initial approval be for a period of two (2) years with provision for renewal for a period to be determined by Council at the time provided there are no problems arising as a result of the works.
- ii) That the applicant be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on lot 1602 on ██████████ and any lots affected downstream of the structure.
- iii) Construction of the works shall commence within 6 months of this approval and shall be completed within 12 months.
- iv) That the construction be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- v) Banks for storage area 1 be modified or moved to allow for a clearance dimension of 10 metres from the property boundary as per Council policy.
- vi) Maintain conditions as advised to Council in correspondence 30 November 1999, (as listed above) until construction works are complete.
- vii) Maintain storage areas in a state that allows for containment of the first 25mm of runoff water

With regards to an appeal period for this decision you have in accordance with the Local Government Act Section 942 (copy attached) a further appeal period will be applicable from the date of this letter.

The Department of Natural Resources will receive a copy of this correspondence.

Yours faithfully,

BC Executive Director
Resource Management
Department of Natural Resources
GPO Box 2454
BRISBANE Q 4001

BC ██████████
Resource Manager
PO Box ██████████
CHINCHILLA Q 4413

██████████
CHIEF EXECUTIVE

For your information.

██████████
.....
CHIEF EXECUTIVE

For your information.

.....
CHIEF EXECUTIVE

government.

Maximum penalty—50 penalty units.

(4) If a person convicted of an offence against subsection (3) continues to commit the offence, the person commits a continuing offence.

Maximum penalty—1 penalty unit for each day on which the offence is continued.

Division 3—Appeals

Appeal against local government's decision

942.(1) An appeal tribunal for hearing and deciding appeals against decisions of a local government on an application is formed by the chief executive of the department within which the *Water Resources Act 1989* is administered or that chief executive's delegate.

(2) A person aggrieved by a decision of a local government on an application may appeal to an appeal tribunal.

(3) The appeal must be started within 30 days after the person aggrieved is given written notice of the decision.

(4) The appeal is started by the person filing a notice of appeal with the chief executive mentioned in subsection (1) and giving a copy of the notice to the local government.

(5) As soon as practicable after the appeal is started, the chief executive officer of the local government must inform the chief executive mentioned in subsection (1) of the persons, other than the appellant, who made the application and who made submissions on the application.

(6) The person who is to form the appeal tribunal on the appeal must inform the appellant, the local government, and the persons mentioned in subsection (5) of the day, time and place for hearing of the appeal.

Decision on appeal

943.(1) An appeal tribunal may—

(a) dismiss an appeal and confirm the decision of the local

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1981/5

Our Ref: EH:KB

Your Ref:

11 May 2000

██████████
'BlairAthol' MS ██████████
CHINCHILLA Q 4413

██████████
"Ulmarra" MS ██████████
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Permit Application – M & M Jones

Reference is made to Council's letter dated 17 February 2000 and the without prejudice meeting between the applicant, objectors and Council representatives held on the 6 April 2000, following the submission of a Management Report on the operation of the structures on the adjoining Lot 1602, on ██████████ Parish of Chinchilla.

At the meeting of Chinchilla Shire Council held on the 20 April 2000, Council reconsidered the decision of 15 February 2000 for the earthworks for irrigation and tailwater system to be constructed on land described as Lot 1602 on ██████████ Parish of Chinchilla on land described as Lot 1602 on ██████████ Parish of Chinchilla and decided to grant approval for a Levee Bank Permit subject to the following conditions:-

- viii) That the initial approval be for a period of two (2) years with provision for renewal for a period to be determined by Council at the time provided there are no problems arising as a result of the works.
- ix) That the applicant be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on lot 1602 on ██████████ and any lots affected downstream of the structure.
- x) Construction of the works shall commence within 6 months of this approval and shall be completed within 12 months.
- xi) That the construction be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- xii) Banks for storage area 1 be modified or moved to allow for a clearance dimension of 10 metres from the property boundary as per Council policy.
- xiii) Maintain conditions as advised to Council in correspondence 30 November 1999, (as listed above) until construction works are complete.
- xiv) Maintain storage areas in a state that allows for containment of the first 25mm of runoff water

With regards to an appeal period for this decision you have in accordance with the Local Government Act Section 942 (copy attached) a further appeal period will be applicable from the date of this letter.

The Department of Natural Resources will receive a copy of this correspondence.

Yours faithfully,

BC Executive Director
Resource Management
Department of Natural Resources
GPO Box 2454
BRISBANE Q 4001

BC ██████████
Resource Manager
PO Box 273
CHINCHILLA Q 4413

██████████
CHIEF EXECUTIVE

For your information.

For your information.

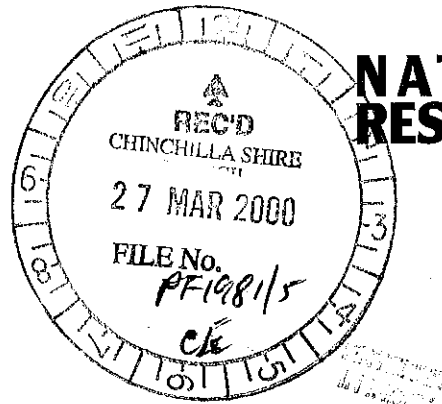
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.....
CHIEF EXECUTIVE

.....
CHIEF EXECUTIVE



23 March 2000

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



Dear Sir

APPEAL: SECTION 942 LOCAL GOVERNMENT ACT 1993
[REDACTED] - v - Chinchilla Shire Council

I confirm that an appeal has been lodged by MP and MK Jones against Council's decision in respect of their application for levee bank works on Lot 1602 [REDACTED] Parish Chinchilla.

I understand from recent discussions with you that a copy of the notice of the appeal has been served on Council in accordance with the provisions of the *Local Government Act 1993*. I also acknowledge your advice that negotiations are proposed to continue between Council and the appellants with a view to resolving the matter and note that the appellants have provided similar advice.

The appeal has been registered in the Department's records. However, in the circumstances, it is not intended to list the matter for hearing pending the completion of the negotiations.

If the appeal is to proceed, I will revert to you to obtain full details of the relevant application and decision.

Yours sincerely

[REDACTED]

for EXECUTIVE DIRECTOR, RESOURCE MANAGEMENT



QUEENSLAND
GOVERNMENT

D E P A R T M E N T O F N A T U R A L R E S O U R C E S

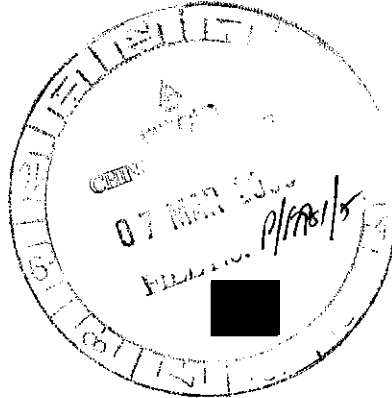
Enquiries to: Russ Robson Your Ref: Our Ref : NRM/325/000()
Mineral House, 41 George Street, Brisbane Q 4000
GPO Box 2454 Brisbane Q 4001
Telephone: (07) 3224 7378 Facsimile: (07) 3224 8359

TEL/FAX

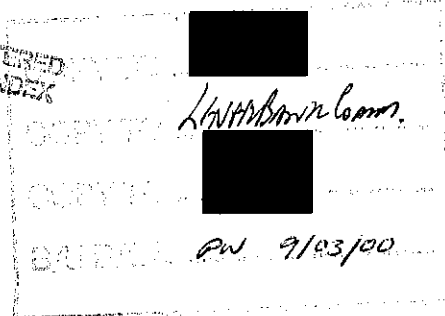
████████████████████
"GLEN WILGA" M/S ██████████
CHINCHILLA. Q., 4413.

1st March 2000

Chief Executive
Chinchilla Shire Council
P.O. Box 42,
CHINCHILLA, Q, 4413.



ENTERED
BIG INDEXES



Dear Chief Executive and Council,

MANAGEMENT REPORT FOR TAILWATER RECYCLING SCHEME

LOT 1602 ██████████ - ██████████

Thankyou for your attendance at the non prejudice meeting held with ██████████ and the Levee bank committee on Tuesday February 22 at 1100hrs.

In response to that meeting we seek to establish an understanding with Council and concerned others of the management of the proposed recycling scheme designed by ██████████ in October 1999.

We refer Council back to the detailed technical report and its associated plans where it has already been established that the proposed storage constructions consist of two collection points.

Storage one contains three separate cells of storage at the eastern end of the irrigation block. This is to provide maximum storage as water can be released via flap valve system from cells 1 to 2 to 3. By utilising a pump at the crest of cell three this enables water to be recycled through the existing mainline to the head ditch. This storage is approximately 7.5 megalitres and as proposed will have associated diversion drains for this recycling purpose. (See Storage one and Bywash storage one / Page 1/2 of technical report)

Storage two consists of a single hillside storage at the western end of the block. This proposed embankment has an estimated 12 megalitres and excess flow once again is diverted through the bywash. Again by utilising a pump site on the northern end the water will be recycled through the mainline to the head ditch. (See Storage two and Bywash storage two / Page 2/3 of technical report)

The plan to manage the sumps and sump water are based on the Chinchilla Shire Council Policy and Best Management Practices for the Cotton Industry to retain the first 25mm of run off from the treated area.

We intend to utilise the proposed system to allow us to manage the sump water collected to maintain the sumps in an empty state by essentially recycling the water as previously proposed.

This is managed by two pump station sites placed at existing hydrants. The sump water can be pumped via the existing 200dia AC underground mainline (Currently running adjacent to the sumps) to the existing four way gate valve system at the head ditches.

Prior to direct river pumping for irrigation we will endeavour to utilise this system to recycle the water in the sumps (via the detailed system) for irrigation purposes thus maintaining an empty sump to collect the required first 25mm of run off in a rain event.

Additionally, we reiterate that the proposed system has the ability to retain 50mm. This allows for, in the event of a second runoff (ie storm event) on potentially already sprayed and irrigated ground, the sumps to retain a second 25mm.

We refer Council to our letter of November 30 1999 regarding interim management measures implemented. The management points stated were based on Best practice principles and we remain committed to managing our farming on these principles.

Please do not hesitate to contact us further,

Yours Faithfully,

A large black rectangular redaction box covering the signature and name of the sender.

To provide sufficient storage each cell is required to have a different crest level. Thus to allow water to be released from cell one to cell three via cell two a 100 Dia PVC outlet pipe will be installed between cells one and two and two and three. Flow in the outlet pipe will be controlled by a simple flap valve arrangement. Location of the outlet pipes will be determined on site once initial setting out has been completed so that location in relation to borrow excavation is correct.

A diesel driven pump unit will be located on the crest of cell three to allow water to be recycled through the mainline to the head ditch.

Approximately 5 300 cubic metres of compacted earth and clay fill would be required to construct the proposed embankment . In addition, a further 1000 cubic metres of material will be required to be removed and replaced in construction of the cut-off .

The cut-off trench is expected to be approximately 0.5 to 0.7 m deep. However this will be subject to variation on site.

All construction material shall be removed from inside the storage area and the bywash cuts, no external borrow areas are required.

The storage impounded upstream of the proposed embankment in the three separate cells is estimated to be approximately 7.5 megalitres.

Runoff from the irrigation block will be diverted via tail drains installed on a grade of 1 in 1000.

Bywash Storage One

Excess flows from the irrigation block will be diverted through bywashes to be located at each left bank end of the proposed cells. The bywashes consist of a level bench cut at the end of the embankment with grassed return slopes to reduce erosive velocities. Thus excess volume from cell one will discharge into cell two and excess from cell two will discharge into cell three. Therefore there will be three different bywash levels because each cell has a different full supply level.

Bywash width has been calculated based on the estimated discharge from a 1 in 100 year storm event on the irrigation area following an irrigation cycle and assuming a 0.5 metre flow over the bywash bench (ie the block is already wet). Inlet and outlet width for the proposed bywashes are 5 metres.

Rock protection works will also be required on the ends and downstream toe of the embankment at the bywash outlet to prevent erosion by flows through the bywash. Protection works will consist of hand placed rock extending from approximately the centre line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface level.

The bywash return slopes spread bywash flows and reduce water velocities by the use of good grass cover on the return slope. Thus it is important to establish and maintain good grass cover on the return slopes to prevent erosion.

Storage Two

Storage two is proposed as a single hillside type storage to be located on the western end of block two on the southern side of the existing mainline. The proposed embankment is to be constructed as an homogenous earth embankment with a central compacted clay core and compacted clay cut-off. This embankment will have a maximum height of approximately 2.85 metres, with a crest length of 230 metres and batter slopes (upstream & downstream) of 3 to 1. Crest width will be 3 metres.

Approximately 6300 cubic metres of compacted earth and clay fill would be required to construct the 2.85 metre high embankment . A further 480 cubic metres of material will be removed and replaced in construction of the cut-off .

The cut-off trench is expected to be approximately 0.5 to 0.7 m deep. However this will be subject to variation on site.

All construction material shall be removed from inside the storage area and the bywash cuts, no external borrow areas are required.

The storage impounded upstream of the proposed embankment is estimated to be approximately 12 megalitres.

Runoff from the irrigation block will be diverted via tail drains installed on a grade of 1 in 1000.

Bywash Storage Two

Excess flows from irrigation block 2 will be diverted through a bywash, to be located at each end of the proposed embankment. The bywashes consist of a level bench cut at each end of the embankment with grassed return slopes to reduce erosive velocities.

Bywash width has been calculated based on the estimated discharge from a 1 in 100 year storm event on the irrigation block assuming storm rain after irrigation and assuming a 0.5 metre flow over the bywash bench. Inlet and outlet width for both bywashes will be 5 metres.

Rock protection works will also be required on the ends and downstream toe of the embankment at the bywash outlet to prevent erosion by flows through the bywash. Protection works will consist of hand placed rock extending from approximately the centre line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface level.

The bywash return slopes spread bywash flows and reduce water velocities by the use of good grass cover on the return slope. Thus it is important to establish and maintain good grass cover on the return slopes to prevent erosion.

Conclusion

A limited materials investigation has been carried out on the proposed site because of the shallow nature of the proposed storages. This investigation consisted of the excavation of two hand auger test holes and the visual classification of soil strata recovered. Soils on the site have been classified as clays, sandy clays.

Some of the soils show dispersive properties. **Dispersive soils combined with poor compaction have accounted for more farm dam failures than any other mode of failure combined.**

However it is possible to construct a reliable earth embankment for an on farm storage utilising dispersive soils providing correct moisture control and proper compaction techniques are applied.

Successful completion of this project will require careful moisture control and compaction of the clay core and cut-off. You should insure your selected contractor is aware of this and accepts responsibility for providing suitable compaction equipment and its operation.

If you require any further details or wish to discuss any part of this project please contact me on ([REDACTED])

Regards

[REDACTED]
Chinchilla Pumping and Irrigation Services

TECHNICAL REPORT



PROPOSED TAILWATER RECYCLING SCHEME

DESIGN INVESTIGATION OCTOBER 1999

General

This design report refers to the proposed tailwater recycling scheme to be constructed on Mr [REDACTED] (Lot 1602 on RP [REDACTED]) which is approximately 13 kilometres to the south east of Chinchilla. The irrigation block is located on the right bank of the Condamine River and only the higher ridge area is used for flood irrigation of cotton. The lower lying areas are used for dryland grain cropping.

The proposed scheme consists of two hillside type storages and associated diversion drains (tail drains) to allow runoff from excess irrigation or rainfall to be collected and reused for irrigation purposes. (see sheet 1)

The project has also been designed to collect the first 50 mm of runoff from the irrigation area to contain possible chemical contamination as recommended under current best practice principles for cotton.

Details of the proposed project are described below.

Irrigation Area

The irrigation area consists of two separate irrigation blocks divided by an existing raised earth head ditch. The head ditch has been constructed along a ridge line that runs across the area and is supplied from the Condamine River by an existing 200 Dia AC underground mainline. The existing mainline has a number of hydrants placed through out the area and it is proposed to utilise two of these hydrants to allow tailwater to be returned to the head ditch.

The irrigation block on the eastern side of the head ditch has a area of approximately 15 hectares while the second block has an area of approximately 24 hectares. To meet the Best Practice Recommendation for collection of the first 50 mm of runoff from each block would therefore require a minimum storage of 7.5 megalitres and 12 megalitres respectively.

Storage one

The proposed storage consists of an embankment divided into three separate cells located on the eastern end of block one between the existing mainline and the southern boundary. The reason for the unusual layout of the storage is because just below the proposed embankment location is a depression which is an existing flood channel of the Condamine River. To construct a single large storage would result in the embankment encroaching on the flood channel and thus reducing its capacity and possible damage to the embankment as a result. Thus three cell type arrangement is proposed to allow sufficient storage, without the use of a large embankment. (see sheet two)

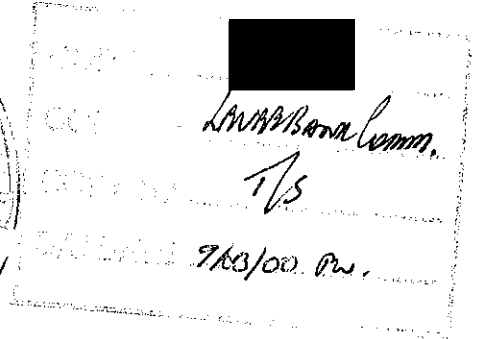
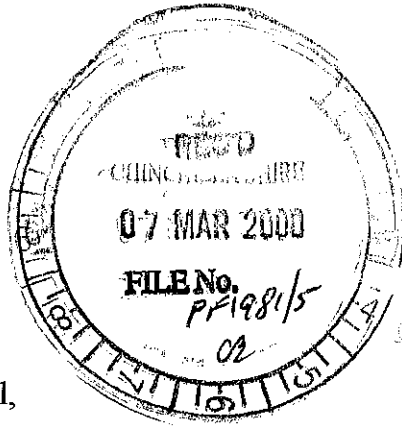
The proposed embankment is to be constructed as an homogenous earth embankment with a central compacted clay core and compacted clay cut-off. The embankment has a maximum height of approximately 2.1 metres in the central section. The crest has a overall length of 380 metres and batter slopes will be 3 to 1 (upstream & downstream). Crest width will be 3 metres.

TEL/FAX

"GLEN WILGA" M/S 423,
CHINCHILLA. Q., 4413.

1 March 2000

Chief Executive
Chinchilla Shire Council
P.O Box 42
CHINCHILLA, Q, 4413.



Dear Chief Executive and Council,

Re: Levee Bank Permit - Lot 1602

Thankyou again for your time to attend the non prejudice meeting held with [redacted] and the Levee Bank Committee on Tuesday, February 22 at 11am.

Following that meeting we held an understanding that the Council required a further management report. This report (as attached) was to clarify the management of tailwater discussed at the meeting, to accompany the existing plans designed by [redacted]

We were given to understand that after much discussion and clarification the attendants at that meeting being Councillors, [redacted] and other representatives [redacted] were satisfied with the submitted plans, with the addition of a management report.

The process of appeal was then discussed, and it was suggested that [redacted] liaise with the two objectors to the system in an effort to further clarify and expedite the situation. [redacted] discussed with [redacted] and GD Plant on February 22 regarding their concerns. Following this discussion it appeared both parties agreed that further local clarification was preferred prior to any further appeals process.

Unfortunately, due to the nature of the situation, time constraints and a necessity on our behalf to licence the said land, we will be required to proceed with the formal appeals process. We feel we have fulfilled and submitted all the necessary requirements for approval of the earthworks for irrigation and tailwater system. Please find attached a copy of the appeal sent to the Department of Natural Resources for your consideration.

However, it appears that following discussions, the Council, Objectors and Ourselves are able to come to a resolution which is satisfactory to all and we would appreciate if Council would organise a meeting at the local level to facilitate this resolution.

Yours Faithfully,



TEL/FAX

██
"GLEN WILGA" M/S 423,
CHINCHILLA. Q., 4413.

3 March 2000

██
Department of Natural Resources
P.O. Box 318
TOOWOOMBA. Q. 4350.

Dear ██████████ and whomever it may concern,

We, ██████████ of Glen Wilga, Chinchilla are the owners of Lot 1602 on ██████████, Parish of Chinchilla. In December of 1999 we submitted to the Chinchilla Shire Council an application for approval of earthworks for irrigation and tailwater system on this land.

As stated in the letter of February 17, 2000 from Chinchilla Shire Council (See attached) we were denied approval on the grounds that,

1. The scheme as presented indicated inadequate on ground storage to deal with the retention of the first 25mm of runoff.
2. Maintenance of the sumps in a empty state.

Following notice of denial, firstly, on February 22, ██████████ attended a non prejudicial meeting with the Chinchilla Councillors, ██████████ and other representatives, Engineer, ██████████ and Department of Natural Resources Mr ██████████. This meeting discussed the situation and on clarification of the issues we were given to understand that the Council was then satisfied with the submitted plans **with the addition of a management report.** (see attached)

Secondly, following that meeting, ██████████ spoke with the objectors ██████████ and ██████████ and Mr GD Plant and on clarification of the issues agreed that discussions at a local level were preferred prior to a formal appeals process.

However, due to the nature of the situation, time constraints and a necessity on our behalf to license the earthworks, we are required to submit notice to yourself of a formal appeal against the original local government decision.

The plans were designed by ██████████ of Chinchilla and were submitted with the required detailed technical report and designs. We discussed the situation with ██████████ who assured us the plans were well in accordance with industry guidelines and we feel on further discussion were able to meet the above grounds of denial.

Firstly - on ground storage,

The plans submitted to council were based on the Chinchilla Shire Council Policy and Best Management Practices for the Cotton Industry to retain the first 25mm of runoff from a treated area. In fact the scheme as presented has the ability to hold 50mm of run off which is essentially twice the required capacity.

Secondly - ability to maintain the sumps in an empty state.

It has been outlined in the technical and management reports (see attached) that the system has been designed so that the sump water can be recycled through the existing mainline to the head ditches prior to irrigation.

We feel we have met every possible guideline and have endeavoured to clarify any queries to the project. We feel we have been quite successful in alleviating the concerns of the objecting parties, however due to the nature of the process we are required to submit a formal appeal against the Chinchilla Councils denial of our submission.

Essentially, in this letter we have only objected to the Chinchilla Council's grounds of denial, however this letter may not be fully conclusive of our reasons for appeal. We would appreciate that this matter be given the appropriate consideration and due process.

Please do not hesitate to contact us for further information

Yours Faithfully,



CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF1981/5

A Vital Friendly Shire

Our Ref: EH:KB

Your Ref:

17 February 2000

[REDACTED]
"Glen Wilga" MS [REDACTED]
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir/Madam,

Re: Levee Bank Permit – Lot 1602

Reference is made to your application for approval of earthworks for irrigation and tailwater system on land described as Lot 1602 on [REDACTED] parish of Chinchilla.

I wish to advise that the application was considered by Chinchilla Shire Council at the General Meeting held on 15 February 2000 and that approval for the system was not granted on the basis that the scheme as presented indicates inadequate on ground storage to deal with the retention of the first 25mm of runoff in accordance with best management practices and being able to maintain sumps in an empty state.

Council was in receipt of two objections to the application as follows:

- | | | | |
|----|--|-----|---|
| i) | GD & LC Plant
"Ulmarra" MS 423
CHINCHILLA Q 4413 | ii) | [REDACTED]
"Blairathol" MS [REDACTED]
CHINCHILLA Q 4413 |
|----|--|-----|---|

The objections are from the owners and lessee's of Lot 1300 on Plan [REDACTED] which is an adjoining lot.

With regard to the existing cotton crop Council will allow the finalisation of this crop in accordance with agreement detailed with adjoining landholders, however once complete any further use of the flood irrigation system presently in place shall cease unless a Levee Bank Permit application which is in accordance with industry guidelines and Council policy is submitted and approved.

Should you not agree with Council's decision you have the right to appeal in accordance with Section 942 of the Local Government Act, A copy of which is attached.

Yours faithfully,

BC Department of Natural Resources
Arcade
Heeney Street
CHINCHILLA Q 4413

For your information.

[REDACTED]
CHIEF EXECUTIVE

[REDACTED]
CHIEF EXECUTIVE

PO Box 42 Chinchilla Q 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF1981/5

A Vital Friendly Shire

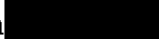
Our Ref: EH:KB
Your Ref:

17 February 2000


"Glen Wilga" MS 
CHINCHILLA Q 4413

Dear Sir/Madam,


Re: Levee Bank Permit – Lot 1602

Reference is made to your application for approval of earthworks for irrigation and tailwater system on land described as Lot 1602 on  Parish of Chinchilla.

I wish to advise that the application was considered by Chinchilla Shire Council at the General Meeting held on 15 February 2000 and that approval for the system was not granted on the basis that the scheme as presented indicates inadequate on ground storage to deal with the retention of the first 25mm of runoff in accordance with best management practices and being able to maintain sumps in an empty state.

Council was in receipt of two objections to the application as follows:

- | | | | |
|----|--|-----|--|
| i) | GD & LC Plant
"Ulmarra" MS 423
CHINCHILLA Q 4413 | ii) | 
"Blairathol" MS 
CHINCHILLA Q 4413 |
|----|--|-----|--|

The objections are from the owners and lessee's of Lot 1300 on Plan  which is an adjoining lot.

With regard to the existing cotton crop Council will allow the finalisation of this crop in accordance with agreement detailed with adjoining landholders, however once complete any further use of the flood irrigation system presently in place shall cease unless a Levee Bank Permit application which is in accordance with industry guidelines and Council policy is submitted and approved.

Yours faithfully,


CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF1981/5

A Vital Friendly Shire

Our Ref: EH:KB

Your Ref:

17 February 2000

[REDACTED]
"Glen Wilga" MS [REDACTED]
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Permit – Lot 1602

ENTERED
IN INDEX

Reference is made to your application for approval of earthworks for irrigation and tailwater system on land described as Lot 1602 on [REDACTED] Parish of Chinchilla.

I wish to advise that the application was considered by Chinchilla Shire Council at the General Meeting held on 15 February 2000 and that approval for the system was not granted on the basis that the scheme as presented indicates inadequate on ground storage to deal with the retention of the first 25mm of runoff in accordance with best management practices and being able to maintain sumps in an empty state.

Council was in receipt of two objections to the application as follows:

- | | | | |
|----|--|-----|---|
| i) | GD & LC Plant
"Ulmarra" MS 423
CHINCHILLA Q 4413 | ii) | [REDACTED]
"Blairathol" MS [REDACTED]
CHINCHILLA Q 4413 |
|----|--|-----|---|

The objections are from the owners and lessee's of Lot 1300 on Plan 3472, which is an adjoining lot.

With regard to the existing cotton crop Council will allow the finalisation of this crop in accordance with agreement detailed with adjoining landholders, however once complete any further use of the flood irrigation system presently in place shall cease unless a Levee Bank Permit application which is in accordance with industry guidelines and Council policy is submitted and approved.

Should you not agree with Council's decision you have the right to appeal in accordance with Section 942 of the Local Government Act, A copy of which is attached.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF1981/5

A Vital Friendly Shire

Our Ref: EH:KB

Your Ref:

17 February 2000

GD & LC Plant
'Ulmara' MS 423
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir/Madam

Re: Levee Bank Permit – [REDACTED]

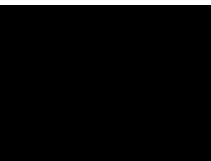
Reference is made to your letter of objection to the Levee Bank application by MP & MK Jones for an irrigation and tailwater system on land described as lot 1602 on [REDACTED] Parish of Chinchilla.

I wish to advise that the application was considered by Chinchilla Shire Council at the meeting held on 15 February 2000 and that approval for the system was not granted on the basis that the system as presented indicates inadequate on ground storage to deal with the retention of the first 25mm of runoff in accordance with best management practices and being able to maintain sumps in an empty state.

With regard to the existing cotton crop, Council will allow the finalisation of this crop in accordance with agreement detailed with adjoining lessee's, however any further use of the flood irrigation system presently in place shall cease unless a Levee Bank Permit application which is in accordance with industry Guidelines and Council policy is submitted and approved.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act, a copy of which is attached.

Yours faithfully,



CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF1981/5

Our Ref: EH:KB
Your Ref:

17 February 2000

[REDACTED]
"Blairathol" MS [REDACTED]
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir/Madam

Re: Levee Bank Permit - [REDACTED]

Reference is made to your letter of objection to the Levee Bank application by [REDACTED] for an irrigation and tailwater system on land described as lot 1602 on [REDACTED] Parish of Chinchilla.

I wish to advise that the application was considered by Chinchilla Shire Council at the meeting held on 15 February 2000 and that approval for the system was not granted on the basis that the system as presented indicates inadequate on ground storage to deal with the retention of the first 25mm of runoff in accordance with best management practices and being able to maintain sumps in an empty state.

With regard to the existing cotton crop, Council will allow the finalisation of this crop in accordance with agreement detailed with adjoining lessee's, however any further use of the flood irrigation system presently in place shall cease unless a Levee Bank Permit application which is in accordance with industry Guidelines and Council policy is submitted and approved.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act, a copy of which is attached.

Yours faithfully,

[REDACTED]

CHIEF EXECUTIVE



CHINCHILLA SHIRE COUNCIL

CIVIC CENTRE, 80-86 HEENEY STREET,
P.O. BOX 42, CHINCHILLA, QLD. 4413

Telephone (07) 4662 7056

Payment by Cheque. - Acceptance of a cheque and the issue of a receipt therefore is conditional on collection of the proceeds, and until collection, no credit is to be given or implied

RECEI

DATE	RECEIPT No	DETAILS	AMOUNT
05-11-1999	77362	On behalf of [REDACTED] For LEVEE BANK APPLICATION	500.00
		[REDACTED] "GLENWILGA", MS [REDACTED] CHINCHILLA Q 4413	
		BL:0310-1302-0001	500.00
# Dur Ref: KELLYB CHQ: 500.00 Cash: 0.00 Round: 0.00 Chg: 0.00			

Chief Executive Officer
Chinchilla Shire Council
Heeny Street
CHINCHILLA QLD 4413

ENTERED
IN INDEX

Dear Sir

RE : Levee Bank Application : Lot 1602 on [REDACTED] Parish of Chinchilla

We would like to place an objection with Council to the proposed earthworks as submitted by [REDACTED]

Our reasoning is as follows:

1. No evidence of consultation with adjacent landowners as suggested in Council guidelines.
2. Concern of ability to store sufficient runoff and tail waters.
3. Concern of erosion due to soil type and slope of land.
4. Concern of chemical contamination.

Please note it is disturbing that the developments currently in place have been planted with cotton and that there is inadequate protection for adjacent land and the Condamine River if spraying should commence.

Yours sincerely

[REDACTED]

[REDACTED] Lessee [REDACTED]

[REDACTED]
"Blair Athol"
MS [REDACTED]
CHINCHILLA QLD 4413

23 November 1999

Chief Executive Officer
Chinchilla Shire Council
Heeney Street
CHINCHILLA QLD 4413

Dear Sir

RE : Levee Bank Application : Lot 1602 on RP [REDACTED] Parish of Chinchilla

We would like to place an objection with Council to the proposed earthworks as submitted by [REDACTED]

Our reasoning is as follows:

1. No evidence of consultation with adjacent landowners as suggested in Council guidelines.
2. Concern of ability to store sufficient runoff and tail waters.
3. Concern of erosion due to soil type and slope of land.
4. Concern of chemical contamination.

Please note it is disturbing that the developments currently in place have been planted with cotton and that there is inadequate protection for adjacent land and the Condamine River if spraying should commence.

Yours sincerely

Oweners [REDACTED]

Property Description
[REDACTED]

Parish Chinchilla.

CHINCHILLA SHIRE COUNCIL

CONSTRUCTION OF BANKS

Notice is hereby given that the undermentioned application for a licence under the provision of section 937 of the Local Government Act 1993 has been made to Council.

Applicant: [REDACTED] Glen Wilga' MS [REDACTED] Chinchilla Q 4413

The owner of Lot 1602 on [REDACTED] Parish of Chinchilla.

Proposed Works: Earth works for water storage for the purpose of an irrigation and tail water system.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and addressed to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on by the objector in support of the objection.

The application and plans are open to inspection at the Council Office and the last day appointed for the receipt of objections is 23 December, 1999.

[REDACTED]
CHIEF EXECUTIVE

PO Box 42
CHINCHILLA Q 4413

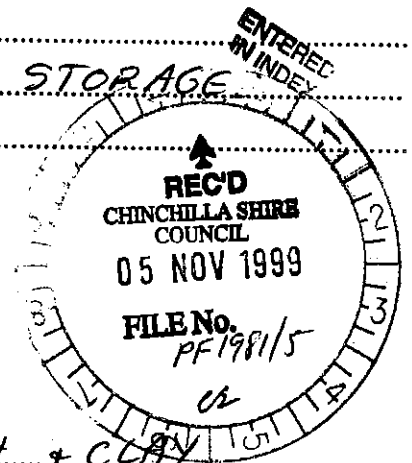
Chinchilla News – Thursday, 17 November 1999
Chinchilla News – Thursday, 24 November 1999

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED] of [REDACTED] CHINCHILLA 4413 in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant [REDACTED]
- (2) Postal Address "GLENWILGA" M/S [REDACTED] CHINCHILLA
- (3) Location of work (see also 10) Country LYTON Parish CHINCHILLA
Real Property Description LOT 1602 ON [REDACTED]
Area 76.72 HA
- (4) Nature of Works EARTH WORKS FOR IRRIGATION
AND TAIL WATER SYSTEM
- (5) Purpose of Work COMPULSORY WATER STORAGE
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank 900 metres
 - (b) Maximum height .8 metres
 - (c) Width of top 1 metres
 - (d) Width of base 3 metres
 - (e) Materials of which bank will be constructed EARTH & CLAY
- (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much?
- (g) Height of top of bank above highest known flood level
- (7) Particulars of work (if drain or other excavation)
 - (a) Total length 6.10 metres
 - (b) Maximum depth 2.1 metres
 - (c) Width of top 3 metres
 - (d) Width at base 6 metres
 - (e) State nature of soil at site SOILS ON SITE HAVE BEEN CLASSIFIED AS CLAYS AND SANDY CLAYS



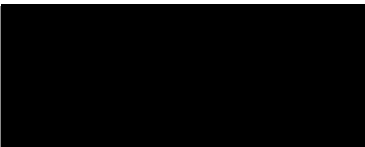
Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

(5) Applicants agree to pay the follow fees:-

- | | | |
|----|---|-----------------|
| a) | Application fee for works less than \$2000 in cost including advertising. | \$117 |
| b) | Application fee for works in excess of \$2000 in cost including advertising. | \$500 |
| c) | Projects that require Engineering Consultants Reports which will include (b) above. | Consultant Fees |

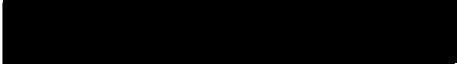
Date 3-11-99.....

Signature of Applicant 

GUIDE FOR THE LODGEMENT OF A LEVEE BANK APPLICATION FORM

The following information is shown to indicate the minimum requirements upon which the application may be based. The supply of more detailed information additional to this guide may assist in expediting the assessment process.

- i) Suitably Engineered design plan, with the following information to be shown:
 - Details of the proposed development to be located on an overall site plan at a scale of 1:10,000.
 - Topographic plan of the application showing a minimum of the following details:
 - Current contour on the property, shown legibly with height profiles.
 - Current overland flow paths, for identification of catchment area; the application should detail how it will deal with natural floodplain flows once structures are full to capacity;
 - **A sketch of the catchment boundaries on adjacent properties affected by the proposal**
 - Clear indication of the size of the storage structures and their relationship with the proposal (both written and drawn), including:
 - Capacity of the systems
 - **Location and size of any pumps proposed or currently existing (including relevant licences)**
 - Sizing calculation for Sumps
 - Bywash characteristics:
 - Erosion control measures
 - Indication on how bywash will return water to natural waterway within the applicant's property, except where alterations are accepted by the community and are technically and environmentally sound.
 - Suitably scaled and detailed cross section of all structures and how they relate to natural land profiles and their relation to the following:
 - Natural waterways
 - Road reserves and current infrastructure
 - **Boundary clearances – head ditches/tail drains, bywash minimum 3 metres, ring tanks,(structures and situations will determine actual distance from boundary)– minimum 10 metres**
 - Buildings
 - Vegetation regions
- ii) Written report detailing the above requirements, including the full intent of the enterprise, impact on adjacent landowners, including details on notification of the works proposed to adjacent landowners, regardless of perceived impact.
- iii) Basic analysis of existing soil structures, and how these relate to water handling structures.
- iv) Should the application cause increases in flood flows, heights and velocities, it should be detailed in the application how these changes will be accommodated through the proposal.
- v) Detail fully how the system, in particular the recycle system, handles first run-off to a minimum of the middle requirement under Best Management Practices of the enterprise (**Cotton industry retain first 25mm**).
- vi) Integration or interrelationship of the proposed plans to the whole property irrigation (if others exist on the property).
- vii) Catchment estimation, including how the proposal will handle relevant storm event, eg. 1 in 10 Year Average Recurrence Intervals.



1 10000 AFFIX.

TECHNICAL REPORT

PROPOSED TAILWATER RECYCLING SCHEME

DESIGN INVESTIGATION OCTOBER 1999

General

This design report refers to the proposed tailwater recycling scheme to be constructed on [REDACTED] (Lot 1602 on [REDACTED] which is approximately 13 kilometres to the south east of Chinchilla. The irrigation block is located on the right bank of the Condamine River and only the higher ridge area is used for flood irrigation of cotton. The lower lying areas are used for dryland grain cropping.

Not quite right the all water to the scheme is only from Condamine River
grain cropping on valley and chopin and spin
The proposed scheme consists of two hillside type storages and associated diversion drains (tail drains) to allow runoff from excess irrigation or rainfall to be collected and reused for irrigation purposes. (see sheet 1)

The project has also been designed to collect the first 50 mm of runoff from the irrigation area to contain possible chemical contamination as recommended under current best practice principles for cotton.

Details of the proposed project are described below.

Irrigation Area

The irrigation area consists of two separate irrigation blocks divided by an existing raised earth head ditch. The head ditch has been constructed along a ridge line that runs across the area and is supplied from the Condamine River by an existing 200 Dia AC underground mainline. The existing mainline has a number of hydrants placed throughout the area and it is proposed to utilise two of these hydrants to allow tailwater to be returned to the head ditch.

The irrigation block on the eastern side of the head ditch has a area of approximately 15 hectares while the second block has an area of approximately 24 hectares. To meet the Best Practice Recommendation for collection of the first 50 mm of runoff from each block would therefore require a minimum storage of 7.5 megalitres and 12 megalitres respectively.

Storage one

The proposed storage consists of an embankment divided into three separate cells located on the eastern end of block one between the existing mainline and the southern boundary. The reason for the unusual layout of the storage is because just below the proposed embankment location is a depression which is an existing flood channel of the Condamine River. To construct a single large storage would result in the embankment encroaching on the flood channel and thus reducing its capacity and possible damage to the embankment as a result. Thus three cell type arrangement is proposed to allow sufficient storage, without the use of a large embankment. (see sheet two)

The proposed embankment is to be constructed as an homogenous earth embankment with a central compacted clay core and compacted clay cut-off. The embankment has a maximum height of approximately 2.1 metres in the central section. The crest has a overall length of 380 metres and batter slopes will be 3 to 1 (upstream & downstream). Crest width will be 3 metres.

To provide sufficient storage each cell is required to have a different crest level. Thus to allow water to be released from cell one to cell three via cell two a 100 Dia PVC outlet pipe will be installed between cells one and two and two and three. Flow in the outlet pipe will be controlled by a simple flap valve arrangement. Location of the outlet pipes will be determined on site once initial setting out has been completed so that location in relation to borrow excavation is correct.

A diesel driven pump unit will be located on the crest of cell three to allow water to be recycled through the mainline to the head ditch.

Approximately 5 300 cubic metres of compacted earth and clay fill would be required to construct the proposed embankment . In addition, a further 1000 cubic metres of material will be required to be removed and replaced in construction of the cut-off .

The cut-off trench is expected to be approximately 0.5 to 0.7 m deep. However this will be subject to variation on site.

All construction material shall be removed from inside the storage area and the bywash cuts, no external borrow areas are required.

The storage impounded upstream of the proposed embankment in the three separate cells is estimated to be approximately 7.5 megalitres.

Runoff from the irrigation block will be diverted via tail drains installed on a grade of 1 in 1000.

Bywash Storage One

Excess flows from the irrigation block will be diverted through bywashes to be located at each left bank end of the proposed cells. The bywashes consist of a level bench cut at the end of the embankment with grassed return slopes to reduce erosive velocities. Thus excess volume from cell one will discharge into cell two and excess from cell two will discharge into cell three. Therefore there will be three different bywash levels because each cell has a different full supply level.

Bywash width has been calculated based on the estimated discharge from a 1 in 100 year storm event on the irrigation area following an irrigation cycle and assuming a 0.5 metre flow over the bywash bench (ie the block is already wet). Inlet and outlet width for the proposed bywashes are 5 metres.

Rock protection works will also be required on the ends and downstream toe of the embankment at the bywash outlet to prevent erosion by flows through the bywash. Protection works will consist of hand placed rock extending from approximately the centre line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface level.

The bywash return slopes spread bywash flows and reduce water velocities by the use of good grass cover on the return slope. Thus it is important to establish and maintain good grass cover on the return slopes to prevent erosion.

Storage Two

Storage two is proposed as a single hillside type storage to be located on the western end of block two on the southern side of the existing mainline. The proposed embankment is to be constructed as an homogenous earth embankment with a central compacted clay core and compacted clay cut-off. This embankment will have a maximum height of approximately 2.85 metres, with a crest length of 230 metres and batter slopes (upstream & downstream) of 3 to 1. Crest width will be 3 metres.

Approximately 6300 cubic metres of compacted earth and clay fill would be required to construct the 2.85 metre high embankment . A further 480 cubic metres of material will be removed and replaced in construction of the cut-off .

The cut-off trench is expected to be approximately 0.5 to 0.7 m deep. However this will be subject to variation on site.

All construction material shall be removed from inside the storage area and the bywash cuts, no external borrow areas are required.

The storage impounded upstream of the proposed embankment is estimated to be approximately 12 megalitres.

Runoff from the irrigation block will be diverted via tail drains installed on a grade of 1 in 1000.

Bywash Storage Two

Excess flows from irrigation block 2 will be diverted through a bywash, to be located at each end of the proposed embankment. The bywashes consist of a level bench cut at each end of the embankment with grassed return slopes to reduce erosive velocities.

Bywash width has been calculated based on the estimated discharge from a 1 in 100 year storm event on the irrigation block assuming storm rain after irrigation and assuming a 0.5 metre flow over the bywash bench. Inlet and outlet width for both bywashes will be 5 metres.

Rock protection works will also be required on the ends and downstream toe of the embankment at the bywash outlet to prevent erosion by flows through the bywash. Protection works will consist of hand placed rock extending from approximately the centre line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface level.

The bywash return slopes spread bywash flows and reduce water velocities by the use of good grass cover on the return slope. Thus it is important to establish and maintain good grass cover on the return slopes to prevent erosion.

Conclusion

A limited materials investigation has been carried out on the proposed site because of the shallow nature of the proposed storages. This investigation consisted of the excavation of two hand auger test holes and the visual classification of soil strata recovered. Soils on the site have been classified as clays, sandy clays.

Some of the soils show dispersive properties. **Dispersive soils combined with poor compaction have accounted for more farm dam failures than any other mode of failure combined.**

However it is possible to construct a reliable earth embankment for an on farm storage utilising dispersive soils **providing** correct moisture control and proper compaction techniques are applied.

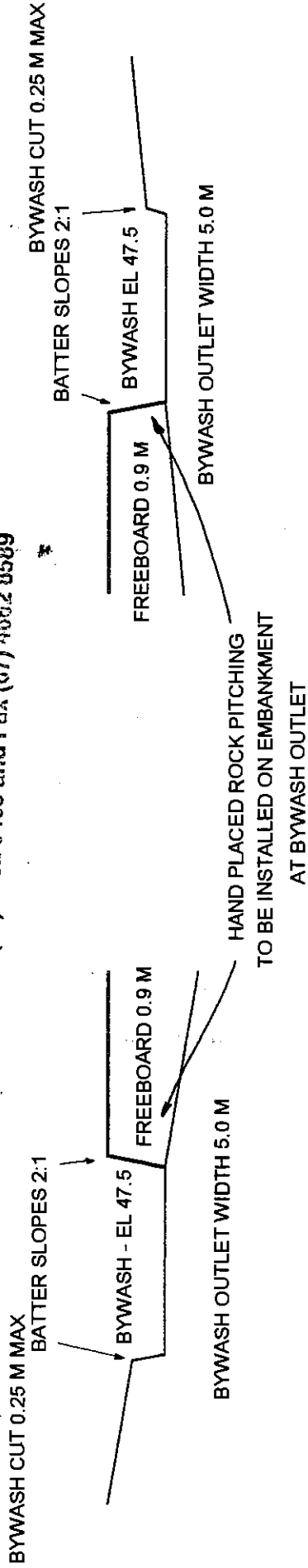
Successful completion of this project will require careful moisture control and compaction of the clay core and cut-off. You should insure your selected contractor is aware of this and accepts responsibility for providing suitable compaction equipment and its operation.

If you require any further details or wish to discuss any part of this project please contact me on [REDACTED]

Regards

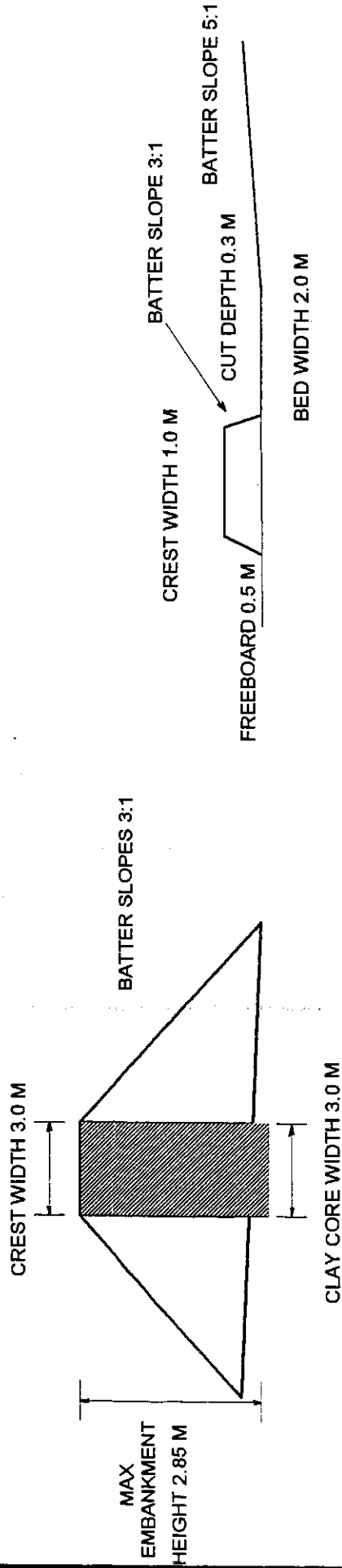
[REDACTED]
Chinchilla Pumping and Irrigation Services

CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589



RIGHT BANK BYWASH

LEFT BANK BYWASH



TYPICAL EMBANKMENT SECTION

TAIL DRAIN SECTION

DATE : 27/10/1999

- SITE 2 - BYWASH DETAIL Scale :

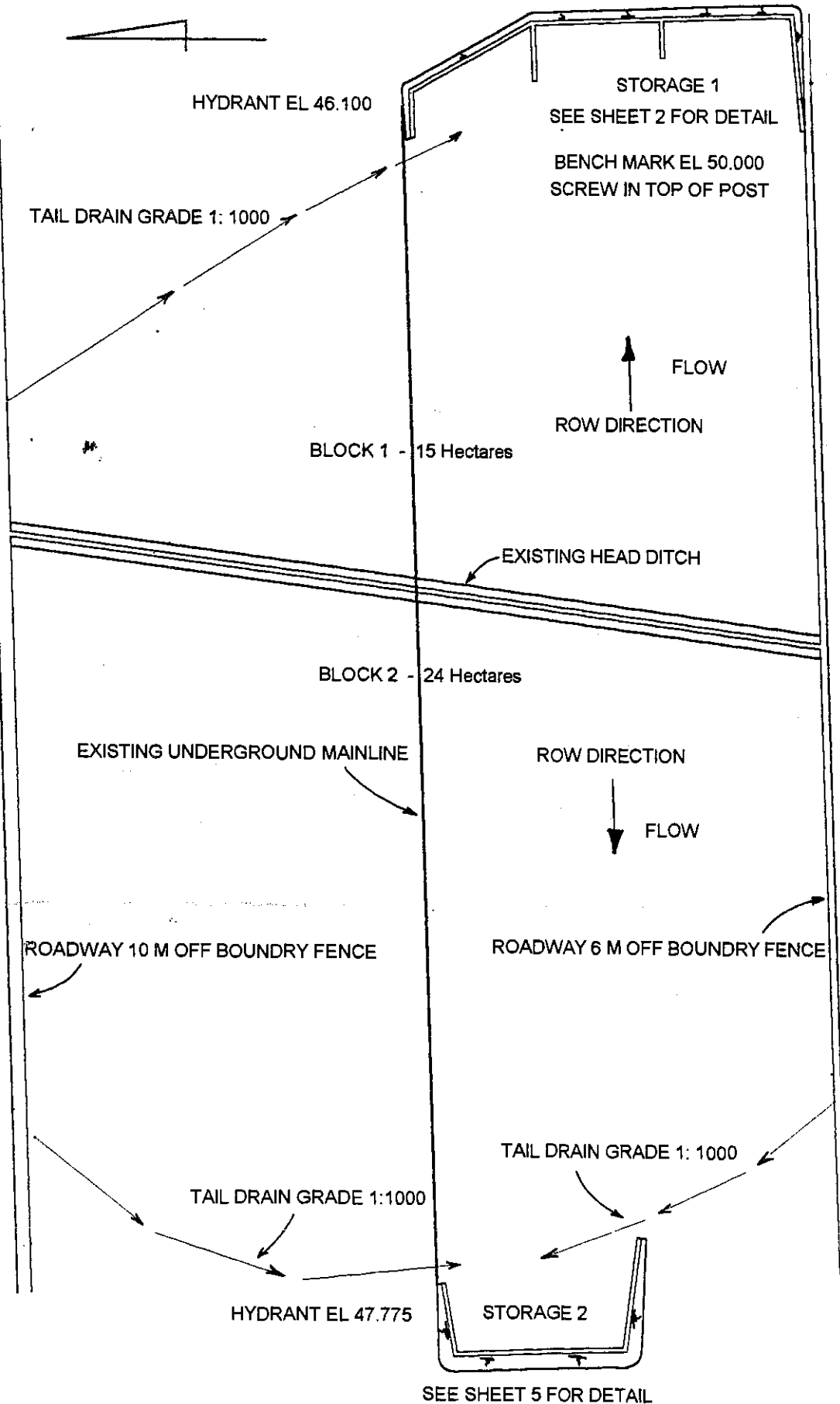
DRAWN I.S.R

SHEET 6 OF 6

CHINGILLA IRRIGATION AND
PUMPING SERVICES PTY LTD

755240 074 300 270

Warrago Highway CHINGILLA Q 4413
Tel (07) 4652 6469 and Fax (07) 4652 8589



DATE : 27/10/1999

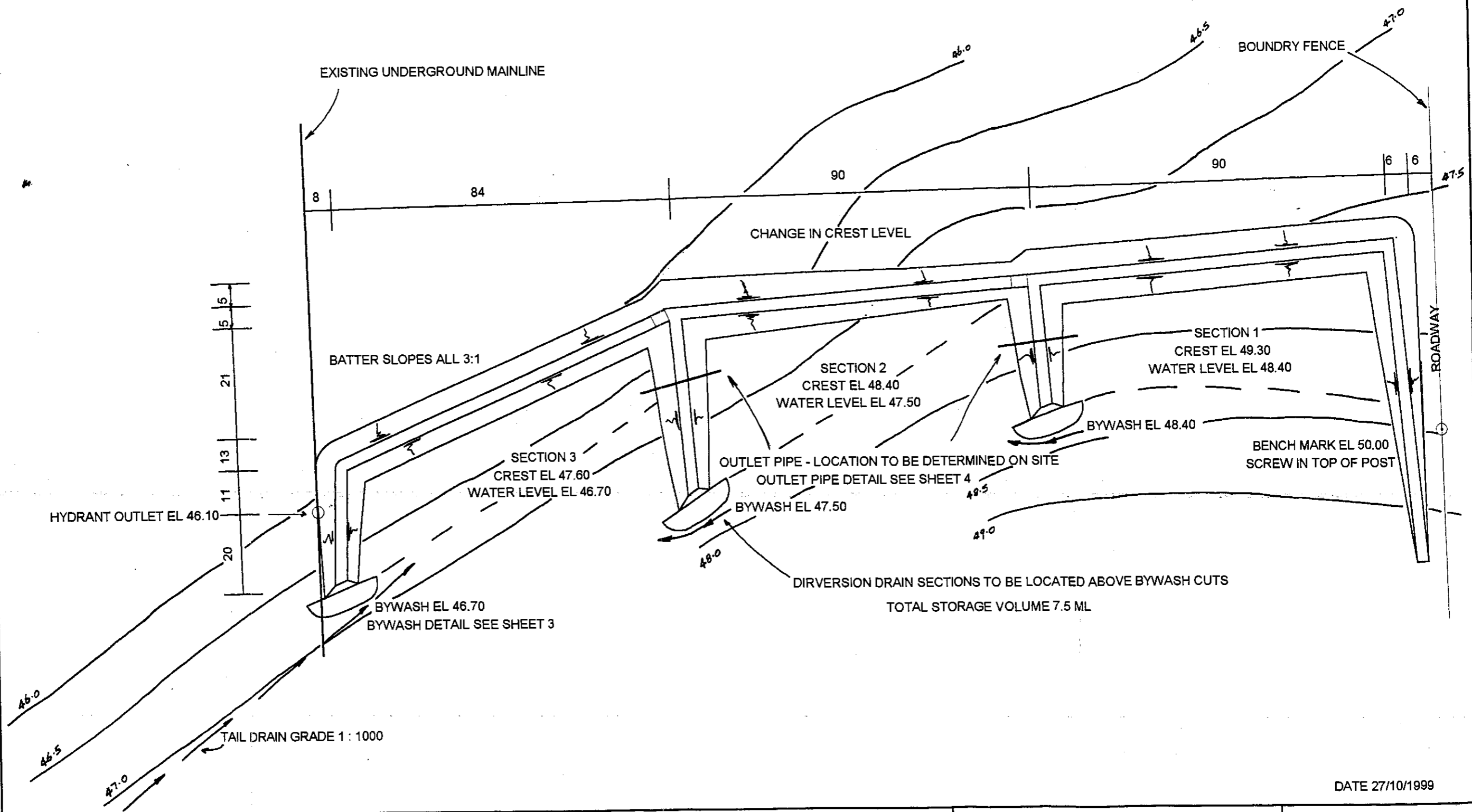
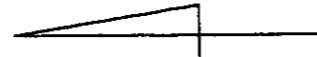
RECYCLING SCHEME

Scale : 1 : 4000

DRAWN I.S.R

SHEET 1 OF 6

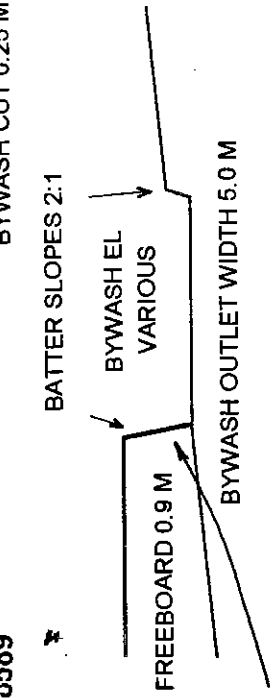
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Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589



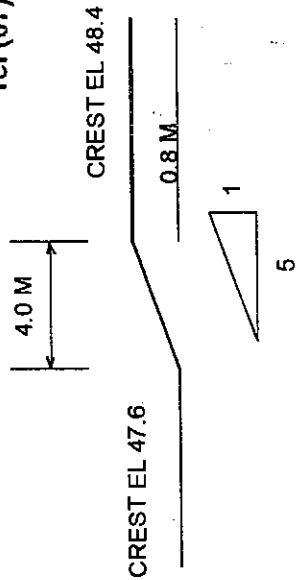
DATE 27/10/1999

CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD
 A.C.N. 074 568 273
 Watrego Highway CHINCHILLA Q 4413
 Tel (07) 4662 6469 and Fax (07) 4662 3589

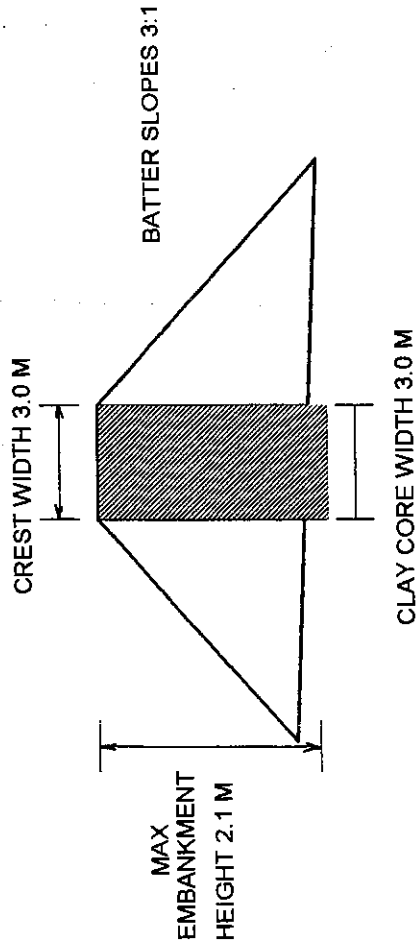
BYWASH CUT 0.25 M MAX



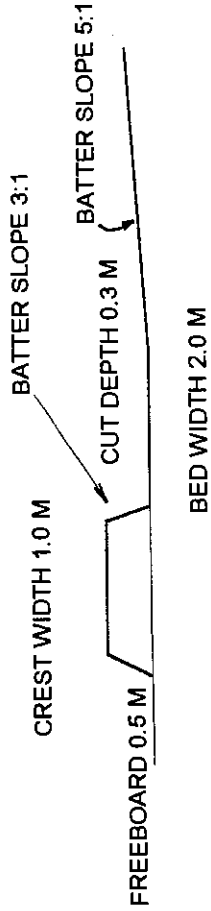
LEFT BANK BYWASH



CREST LEVEL REDUCTION



TYPICAL EMBANKMENT SECTION



TAIL DRAIN SECTION

DATE : 27/10/1999

- SITE 1 - BYWASH DETAIL

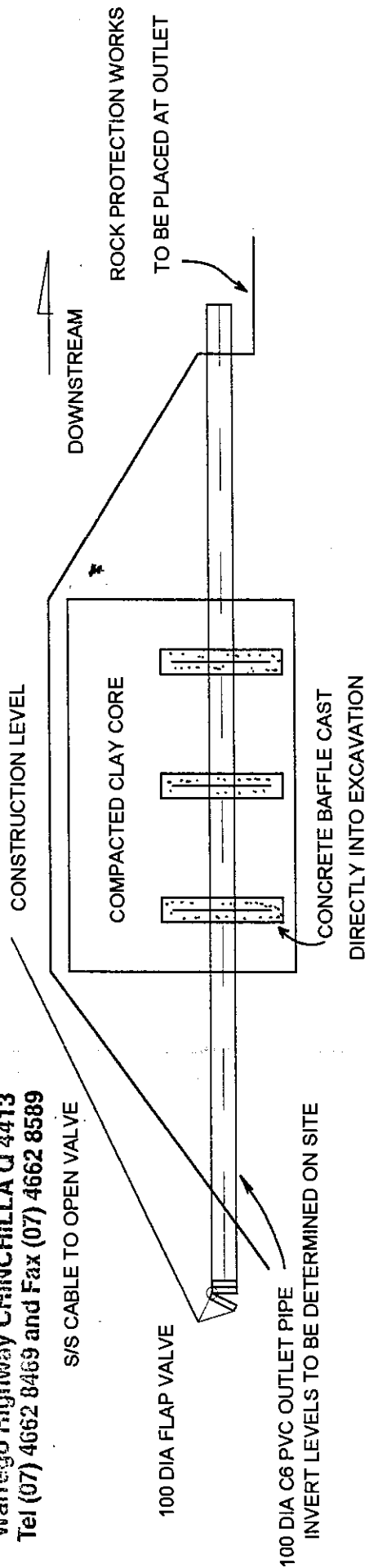
Scale :

DRAWN I.S.R

SHEET 3 OF 6

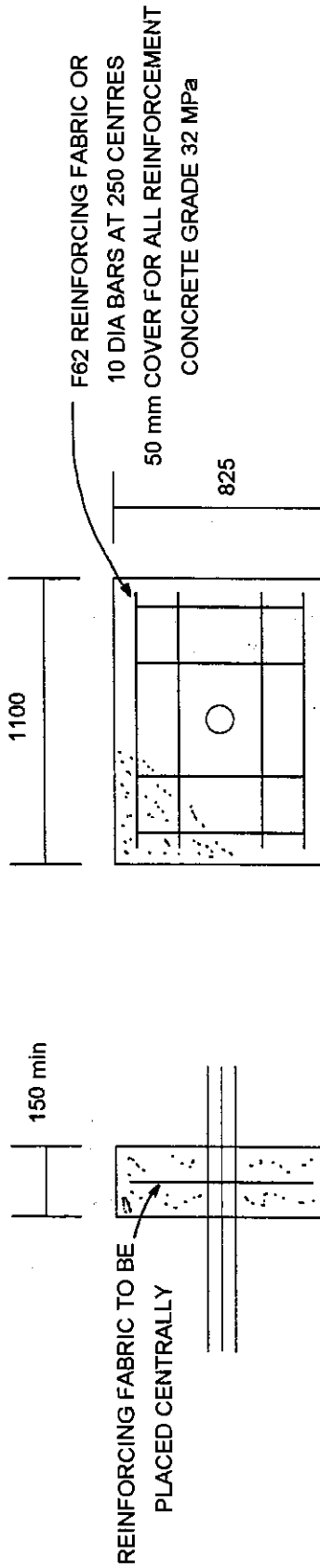
**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**

A.C.N. 074 568 273
 Warrego Highway CHINCHILLA Q 4413
 Tel (07) 4662 8469 and Fax (07) 4662 8589



RC BAFFLE INSTALLATION

NOT TO SCALE



REINFORCED CONCRETE BAFFLE DETAIL

all dimensions in millimetres

DATE : 27/10/1999

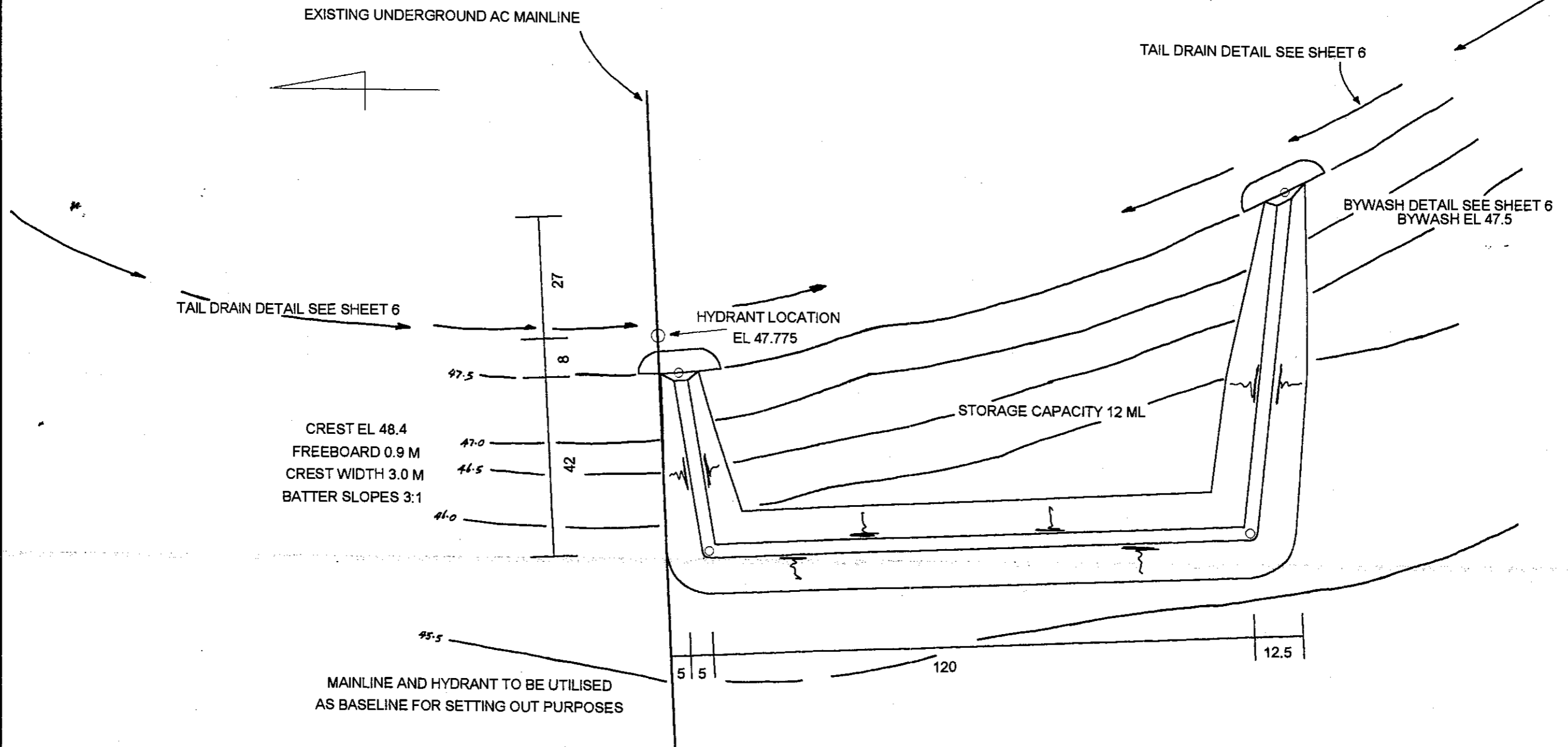
- OUTLET PIPE DETAIL

Scale :

DRAWN I.S.R

SHEET 4 OF 6

CHINCHILLA IRRIGATION AND
 PUMPING SERVICES PTY LTD
 A.C.N. 074 568 273
 Warrego Highway CHINCHILLA Q 4413
 Tel (07) 4662 8469 and Fax (07) 4662 8589



DATE 27/10/1999

In Reply Please Quote: PF2296:EH:JL

03 March 2004

[REDACTED]
"Wamba"
MS [REDACTED]
[REDACTED] Fletts Road
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Contribution – Fletts Road

Reference is made to your recent request for a schedule of payments for a loan of \$10,000 contribution towards the future upgrade of Fletts Road from Avenue Road to the access to Lot 1 on [REDACTED]

Attached please find a schedule of 6 monthly payments over 5 years at 7% interest per annum.

Would you please arrange for the payment of the up front \$1,000 and arrange for the 6 monthly payment of \$1,082 as per the schedule.

Your earliest attention to this matter is required.

Yours faithfully

[REDACTED]
CHIEF EXECUTIVE

DAVIS

Repayment Calculation					
Price \$10,000 less \$1,000 deposit = \$9,000					
Monthly payments commencing at settlement					
Payment Date	Principle	Repayment	Interest	Principle Repayment	Balance
1 (Sept 2004)	9000	1082	315	767	8233
2 (March 2005)	8233	1082	288	794	7439
3 (Sept 2005)	7439	1082	260	822	6618
4 (March 2006)	6618	1082	232	850	5767
5 (Sept 2006)	5767	1082	202	880	4887
6 (March 2007)	4887	1082	171	911	3976
7 (Sept 2007)	3976	1082	139	943	3033
8 (March 2008)	3033	1082	106	976	2057
9 (Sept 2008)	2057	1082	72	1010	1047
10 (March 2009)	1047	1084	37	1047	0

From: [REDACTED]
 Sent: Monday, 13 July 2009 4:52 PM
 To: [REDACTED]
 Subject: Levee Bank Appeals - ex Chinchilla Shire Council

Hello [REDACTED]

Further to our discussions several weeks ago, I'm still trying to finalise the levee bank appeals that remain on the Department's books from the late 1990s - early 2000 period.

I have caught up with [REDACTED] concerning the three appeals filed by Middleton Bros against the Council's decision on two permit applications lodged by [REDACTED] and one by [REDACTED]. [REDACTED] informed me that, having sold "Glendaloch" some time ago, they did not intend pursuing the appeal. Council will have a copy of my letter confirming the Middleton's withdrawal of the appeals.

I am now left with an appeal filed by [REDACTED] (on 21 December 1998) against the decision on an application lodged by [REDACTED] (Lot 71 [REDACTED] Parish Canaga); and the appeal filed by [REDACTED] (on 17 October 2000) against the decision on an application lodged by [REDACTED] (Lot 62 DY80 and Lot 1 [REDACTED]).

- [REDACTED] Appeal

This appeal was the subject of 'without prejudice' discussions between all the parties in March 1999, from which the permit applicant was to provide further information. It is unclear as to whether or not this further information was forthcoming, although it is clear that the appeal at no stage progressed to hearing or other resolution. It is understood that this was because the moratorium notice published under the Water Act in September 2000 would have prevented the construction of the subject (overland flow) storage works in any event and further because any future capacity to proceed with construction would depend on the outcome of the Water Resource Plan (Condamine-Balonne) process.

The [REDACTED] sold the property related to their appeal to the [REDACTED] family early in 2000. At the time, the [REDACTED] were interested in continuing the appeal based on a formal agreement with the [REDACTED] under which the [REDACTED] either assigned their rights to the appeal to the [REDACTED] or appointed the [REDACTED] as their agent in continuing the appeal. I informed the [REDACTED] through their solicitor, of the department's view that they could not continue the appeal started by the [REDACTED] (letter dated 26 April 2000 copied to CEO Chinchilla Shire Council). While at the time I expected that I would hear further from the [REDACTED] I have had no further contact at all concerning the matter but have not previously followed up due to the effect of the moratorium notice.

At this late stage I wouldn't expect that the [REDACTED] would retain interest in pursuing the appeal, but need to contact them to confirm their position. I assume that Council still will have an incomplete permit process that is stalled as a consequence of the unresolved appeal.

So far, although I have spoken with the lawyer representing the [REDACTED] at the time, I have been unable to establish current contact details for the [REDACTED].

- [REDACTED] Appeal

I have spoken with [REDACTED]. As I think we have discussed, that discussion has identified misunderstanding on the [REDACTED] part as to the status of the appeal. That is, the [REDACTED] seem fairly convinced that the appeal was heard and determined in their favour at a hearing back in 2001, whereas that is not the case. The appeal was set down for hearing in Chinchilla on 3-4 December 2001, but my recollection is that it was adjourned - again principally because the moratorium notice published under the Water Act in September 2000 would have prevented the construction of the subject (overland flow) storage works in any event and further because any future capacity to proceed with construction would depend on the outcome of the Water Resource Plan (Condamine-Balonne) process.

Understandably, the [REDACTED] are very concerned about the fact that the appeal stands unresolved, particularly given their apparent misunderstanding that the matter had been determined back in 2001. Again, I assume that Council will have an incomplete permit process stalled as a consequence of the unresolved appeal.

Where to from here?

I have made arrangements to be in Chinchilla on Thu 23-Fri 24 July to try to sort out both the outstanding appeals. Assuming Council's records of the matters are still held in the Chinchilla service centre, I'd like to have a chat with you late in the morning of 23rd to compare notes as to the progress of the matters.

In the meantime, I'll continue to pursue contact with the [REDACTED] and, if successful, I'd expect to have that matter resolved one way or the other by the time I visit. If you have any clues as to their contact details, please let me know.

Regardless however, the [REDACTED] matter will need to be resolved. To that end, I've arranged to meet [REDACTED] on their property on the afternoon of 23rd. This meeting will be very important given their apparent misunderstanding of the status of the appeal and need for explanation of the complexities arising from the dual LGA and Water Act jurisdictions that are in play.

I look forward to catching up with you on 23rd-24th and trust that you will be in town. If not, is there another officer who might be able to assist me?

Regards,

[REDACTED]
Director Water Management

Telephone: [REDACTED] Mobile: [REDACTED] Facsimil [REDACTED]
email: [REDACTED]
www.derm.qld.gov.au

Department of Environment and Resource Management
41 George Street, Brisbane Q 4000
GPO Box 2454, Brisbane Q 4001

As of 26 March 2009 the Department of Natural Resources and Water/Environmental Protection Agency integrated to form the Department of Environment and Resource Management

+-----+
Think B4U Print

1 ream of paper = 6% of a tree and 5.4kg CO2 in the atmosphere

3 sheets of A4 paper = 1 litre of water
+-----+

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF2296:EH:NB

Your Ref:

03 January 2002

██████████
"Wamba"

MS ██████████

CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir/Madam,

Re: Pipeline through Culverts – Wambo Creek

Council received a report in late November 2001, that you had installed an illegal water pipeline through culverts at Wambo Creek to transfer water from the hole on the western side of Avenue Road to the hole on the eastern side of Avenue Road.

A search of Council records indicates that approval was not sought for the installation of this pipeline in accordance with Council's Local Laws. An inspection of the site confirmed the illegal installation. The transfer of water from one hole in a watercourse to another hole is a matter for the Department of Natural Resources and Mines. This incident has been reported to that Department's Toowoomba Office.

You are advised that the undertaking of this activity is a breach of Local Law No 11 – Roads, Section 15 (1) (copy attached) and you are required to show cause why Council should not prosecute for this breach as you are aware that a permit is required as you currently have a permit for a water pipeline across ██████████ Road.

In normal circumstances an application for a temporary water pipeline to be installed through culverts to transfer water from one lot to another would receive favourable consideration on the condition that Department of Natural Resources Permits or approvals were presented with the application.

As such would you please provide a written show cause notice within 14 days of the date of this letter and include a copy of Department of Natural Resources & Mines approvals.

Yours faithfully,

BC Technical Supervisor
Engineer
Area Councillors 1

For your information.

██████████
CHIEF EXECUTIVE

██████████
.....
CHIEF EXECUTIVE

\\Server1\Data\WP\DOC\Correspondence\03 Jan.doc

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF2296:EH:NB

Your Ref:

02 January 2002

[REDACTED]
'Verland'
MS [REDACTED]
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir,

Re: Water Pipeline – Avenue Road – Wambo Creek

Reference is made to your letter dated 17 November 2001, advising Council of your report to the Department of Natural Resources and Mines on the pumping of water from a waterhole on the western side of Avenue Road to a hole to the east of Avenue Road in Wambo Creek.

With regard to the water pipeline, through culverts on Avenue Road to Wambo Creek, I advise that Council had not granted approval for the installation in accordance with Local Law No 11 – Roads and as such has requested [REDACTED] to show cause to Council and provide Department of Natural Resources and Mines approvals to transfer water.

Thank you for bringing this matter to Council's attention.

Yours faithfully,

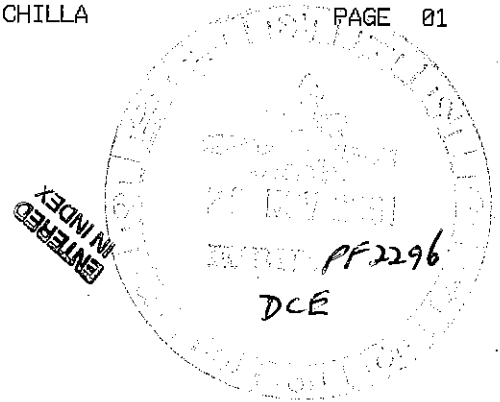
[REDACTED]
CHIEF EXECUTIVE

BC Technical Supervisor
Engineer
Area Councillors 1

For your information,
[REDACTED]

CHIEF EXECUTIVE

\\Server1\Data\WP\DOC\Correspondence\03 Jan.doc



[REDACTED]
 "Verland"
 M/ [REDACTED]
 CHINCHILLA 4413

26th November 2001

[REDACTED]
 Chinchilla Shire Council
 P O Box 42
 CHINCHILLA 4413

Dear Sir

RE: [REDACTED] - PROPOSED IRRIGATION STORAGE

I forwarded you a letter dated 19 November 2001 re advising that [REDACTED] has already commenced construction on the dams relating to an appeal that your Council has approved.

I wish to elaborate on that letter further. We contacted the contractor [REDACTED] who undertook the building of these dams and he advised the following:-

In March/April this year he and his brother ([REDACTED]) spent two weeks with two scrapers and working long hours on the project.

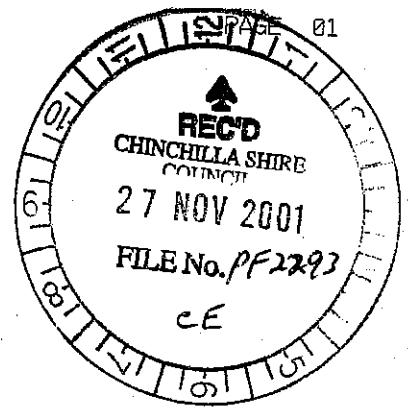
Banks were constructed according to the proposed plans for his levee banks. One bank has been completed to within two metres of full capacity.

Would it be possible for somebody from your Council to check this site before the appeal is heard on Monday 3rd December. If you wish to contact [REDACTED] his home phone number is [REDACTED] - may have to ring at night.

Yours faithfully

[REDACTED]

[REDACTED]
 [REDACTED]
 CEO
 NB 27/11/01



[Redacted]
 "Verland"
 M/S [Redacted]
 CHINCHILLA 4413

27th November 2001

[Redacted]
 Chinchilla Shire Council
 P O Box [Redacted]
 CHINCHILLA 4413

CHINCHILLA SHIRE COUNCIL

Copy for your information and/or attention.

Chief Executive Date ... 28/11/01

NB

RECORDED IN INDEX

Dear Sir

RE: FORMAL COMPLAINT RE [Redacted] USAGE OF WATER ON THE WAMBO CREEK

Attached is a letter and map that was forwarded to the Department of Natural Resources.

I feel you should be made aware of this situation also as the pipe is illegally through one of your culverts.

Please take appropriate action as this person is breaching the Law.

Yours faithfully

[Redacted signature block]

COPIES TO	DCE
COPIES TO	T/S
COPIES TO	Engineer
COPIES TO	

"Verland"
M/S [REDACTED]
CHINCHILLA 4413

23rd November 2001

[REDACTED]
Senior Technical Officer
Department of Natural Resources
P O Box [REDACTED]
TOOWOOMBA 4350

Dear [REDACTED]

RE: FORMAL COMPLAINT RE [REDACTED] USAGE OF WATER ON THE
WAMBO CREEK

I wish to make a formal complaint about the way [REDACTED] is using water on the
Wambo Creek.

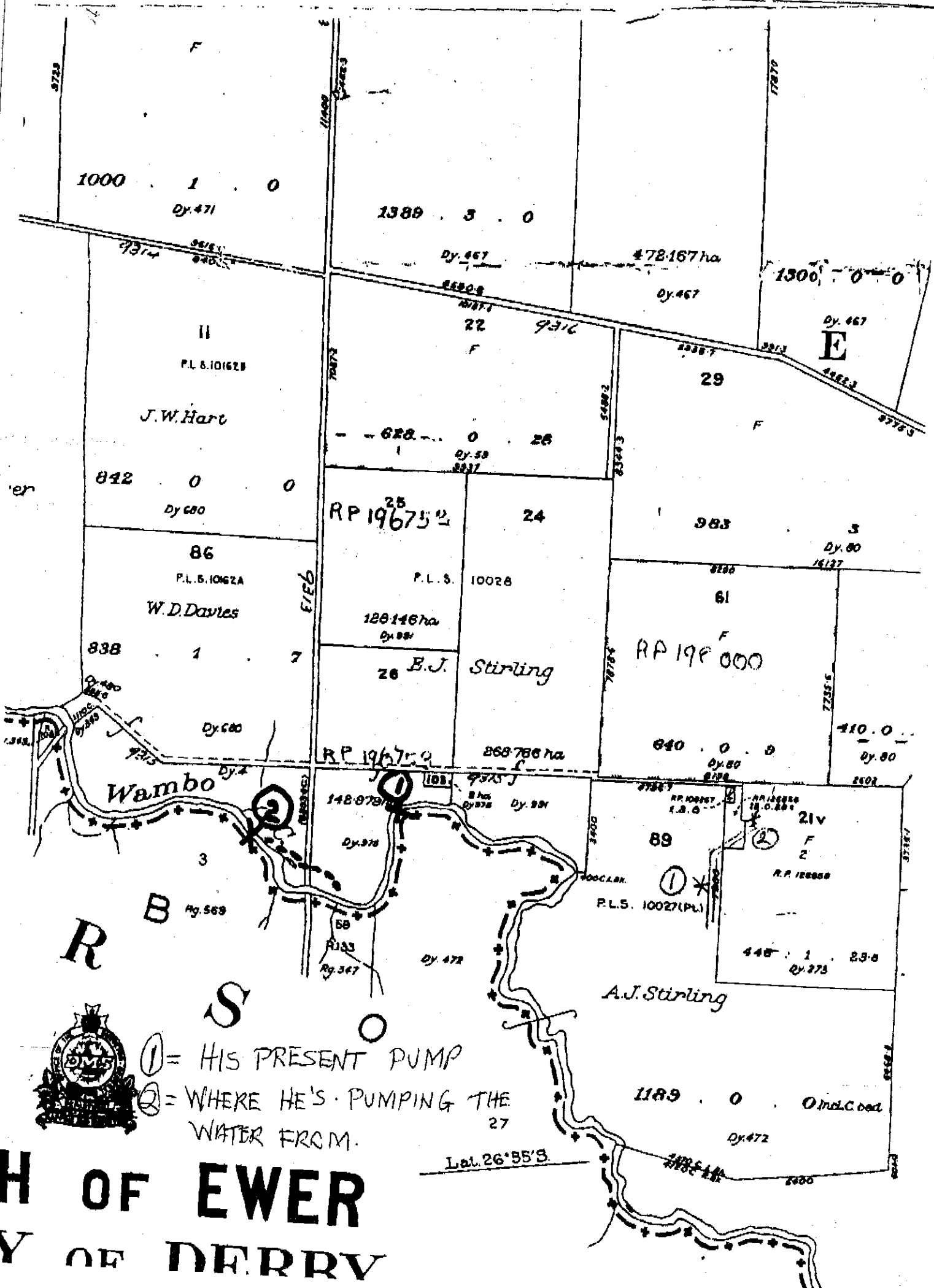
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Crossing on Avenue Road. It has only become noticeable since the rain as the pipe
was well covered by grass(intentionally) and the rain has moved the grass. One of his
workmen told us a month ago that he was relocating water from another part of the
Wambo Creek back to his hole where the pump was and now we know how it's been
done. We can't tell you exactly where he's pumping from as we don't want to go
onto his property but it's in one of the good holes on the western side of Avenue
Road.

I feel he should be checked out immediately. This man will not abide by rules or
guidelines and feel he shouldn't be allowed to keep his current licence - or at least
have a meter installed on it. At the moment he has a licence for 48 megalitres and
nobody would have a clue how much he's using while he can pump from other holes
in the creek.

If you have any queries, you can contact me on [REDACTED]

Yours faithfully,
[REDACTED]



H OF EWER Y OF DERRY

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF2296:EH:NB

Your Ref:

02 January 2002

[REDACTED]

'Verland'

MS [REDACTED]

CHINCHILLA Q 4413

Dear Sir/Madam,

Re: [REDACTED] - Proposed Irrigation Storage

Reference is made to your letters dated 19 and 26 November 2001, concerning works undertaken by the above as a result of a Levee Bank Permit approval by Council on 21 September 2000 which was the subject of an appeal heard on 03 December 2001.

I wish to advise that discussions held by Council officers with [REDACTED] revealed that works undertaken by the [REDACTED] was associated with an existing dam which was desilted and enlarged for domestic and stock uses. [REDACTED] advised that the works were not related to the Levee Bank Permit issued in September 2000.

Yours faithfully,

BC Engineer

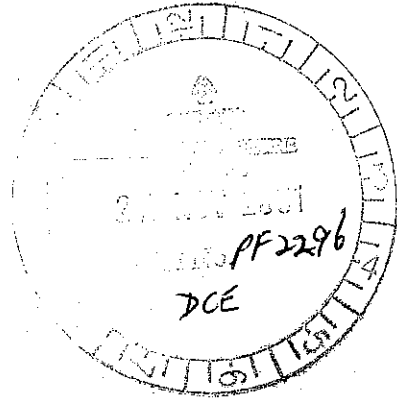
[REDACTED]
CHIEF EXECUTIVE

For your information. Please ensure details received from Mr Davis are recorded in diary or on the file with date etc.

[REDACTED]
CHIEF EXECUTIVE

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[REDACTED]
'Verland'
MS [REDACTED]
CHINCHILLA QLD 4413



19 November 2001

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413

CHINCHILLA SHIRE COUNCIL

Copy for your information and/or attention.

Chief Executive

Date

22/11/01

ENTERED
IN INDEX

Dear Sir/Madam

[REDACTED] - PROPOSED IRRIGATION STORAGE

We advise that it has come to our attention that [REDACTED] have substantially commenced construction of dam walls without having first been issued with a permit as required for by the *Local Government Act*.

Where council approves an application for a levee bank, a permit cannot issue where an appeal against council's decision is lodged. Without the permit work cannot be carried out.

We also point out that on 20 September 2000, one (1) day before council approved the application, the Department of Natural Resources published a moratorium notice under s42 of the *Water Act 2000*. The moratorium notice prevents [REDACTED] from carrying out any works for which a permit under the *Local Government Act* has not issued.

[REDACTED] are therefore in breach of the *Local Government Act*, in commencing construction in breach of the moratorium notice and without a permit.

Regards

[REDACTED]

[REDACTED]

CHINCHILLA SHIRE COUNCIL

In reply please quote: ~~1111~~

P/F 2296
INM BANK

A Vital Friendly Shire

Our ref: EH:PW

Your ref:

16 November 2001

General Manager
Water Management & Use
Department of Natural Resources
GPO Box 2454
BRISBANE Q 4001

ENTERED
2001 NOV 16

Dear Sir

RE: Appeal under Local Government Act 1993
[REDACTED] V Chinchilla Shire Council
R & H Flett V Chinchilla Shire Council

Reference is made to your letter dated 30 October 2001 advising of the above appeals on 3 and 4 December 2001 requesting details on witnesses to gain evidence and copies of reports.

I wish to advise that Council will have the following personnel involved in the appeals:

- i. The Applicant - Mr [REDACTED]
- ii. The Applicants Consultant - Mr [REDACTED] - Chinchilla Irrigation & Pumping
- iii. Council Representatives - Mr [REDACTED] - Engineer
- Mr [REDACTED] - Technical Supervisor
- Mr [REDACTED] - Chief Executive
- iv. Department of Natural Resources - Mr [REDACTED] - Soil Conservation

To date there are no further reports to be tabled on behalf of the above.

Yours faithfully

[REDACTED]

CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



Queensland
Government

Author [REDACTED]
File Number NRM/325/000(0397) & (0396)
Directorate / Unit Water Management
Phone [REDACTED]

Natural Resources and Mines

14 November 2001

The Shire Engineer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413

Dear [REDACTED]

RE: APPEAL UNDER LOCAL GOVERNMENT ACT 1993
[REDACTED] -v- CHINCHILLA SHIRE COUNCIL
[REDACTED] -v- CHINCHILLA SHIRE COUNCIL

Reference is made to the above appeals against a decision of Chinchilla Shire Council concerning an application for a permit to authorise levee bank works made by [REDACTED] and my letter of 30 October 2001.

This is a courtesy reminder that the following information is to be lodged with the Chief Executive at the address provided below by Monday 19 November 2001:

- a list of witnesses to be called to give evidence;
- copies (in triplicate) of reports from any expert witnesses.

This information you submit will be then forwarded to the Appellants early in the week preceding the hearing, at which time information provided by the Appellants will also be forwarded to you.

Thank you for your cooperation in this matter.

Yours sincerely,

[REDACTED]
for **GENERAL MANAGER**
WATER MANAGEMENT AND USE

[REDACTED] ✱
advised - Appellants

[REDACTED]
Water Management & Use
Level 6 Mineral House
41 George Street
GPO Box 2454 Brisbane
Queensland 4001
Telephone 07 3224 7378
Facsimile 07 3406 2190
Website www.dnr.qld.gov.au

ADDORRN

DRAFT WAMP REPHASED

REGULATED SHARING ARRANGEMENT - WAMP

10

Levee Bank :

Referable Dam provisions:

- 1) Previously anything over 5 metres in bank height
- 2) Currently : (p28 Water and Sewerage Bill)
 - a) 8 m or more in height with a storage capacity of 500 ML or more;
 - b) 5 m or more in height with a storage capacity of 100 ML or more with a catchment area exceeding 1000Ha

In addition, the regulator can require a dam to be hazard assessed, irrespective of the size and capacity, if the regulator reasonably considers that the failure of the dam will endanger life because of the dam's proximity to a persons or residence.

Department of Natural Resources were originally contacted on 2 August and declared on 7 September that the application was not to be decided under the Water Resources Act 1989 under the definition of a levee bank.

"Domestic purposes" means domestic purposes as defined under the Water (Allocation and Management) Act 2000

Overland flow generally speaking is the water that runs off the land following rainfall, before it enters a watercourse, and floodwater that erupt from a watercourse or lake onto a floodplain.

The sharing of overland flow is currently an issue only in certain areas (mainly floodplains where it is possible to divert large quantities of water with relatively low embankments). Sharing arrangements for overland flow will be introduced through community based water resource planning processes only where the community has identified the need to regulate overland flow.

According to the Water (Allocation and Management) Bill explanatory material p68. " The minister to declare a moratorium on further overland flow diversions to provide stability during a planning process. When the sharing arrangements are finalised the moratorium will cease. A moratorium will not necessarily apply to all overland flow and may allow certain classes of new diversions to take place during the planning process...."

From the above clause and reading the moratorium notice the draft WAMP only restrict overland flow restrictions to a 2 km wide strip along the trunk stream whilst the subject plan area is the entire effect. Based on prudency Council should condition the application if the area falls outside area involved in the WAMP.

Three possible levels of control(p69).

The Bill " has suggested that there will be no regulation of overland flow except in a few particular situations. However, it raises the question of how to ensure that diversions of overland flow can proceed on an orderly basis in areas where there no regulation.

Where there is the potential for individuals or collective developments to capture a significant volume of overland flow, voluntary codes of practice for the sharing of overland flow could play a useful role.

Three possible levels of control:

1. *No controls or guidance:* This is the current situation throughout the state and will remain so unless there is a need for one of the two following options.

2. *Voluntary code of practice*: These will involve the community working collectively in relation to the diversion of overland flow to ensure some equity and coordination.
3. *Regulatory controls*: These will be statutory water sharing arrangements for overland flow developed through a water resource planning process.

At present landholders whose land abuts a watercourse may, without applying for a permit, use water for domestic and home garden purposes and stock watering. This does not extend beyond the number of stock that can be reasonably depastured on the land. If a pump is used to take the water, then a permit is required for the pump.

Local Law (Levee Banks):	4 June 1982
Review of Local Laws (Levee Banks):	23 April 1999
Date of Application:	16 May 2000
Advertised Chinchilla News:	1 June 2000 & 8 June 2000
Appeal (IV, EJ & IM Sperling):	27 June 2000
Appeal (R & H Flett):	28 June 2000
Letter from DNR for Water Resources Act:	20 July 2000
Council contacted DNR for Water Resources Act:	2 August 2000
Site Meeting:	16 August 2000
Site Meeting with DNR:	7 September 2000
Site Meeting with Committee:	14 September 2000
DNR letter on draft WAMP implications:	17 August 2000
Council report prepared for publication:	Friday, 15 September 2000
Moratorium Notice:	20 September 2000
Council Meeting:	21 September 2000
Moratorium Notice received by Council:	13 October 2000
Appeal against decision notice (R & H Flett):	17 October 2000
Appeal against decision notice (IV, EJ & IM Sperling):	20 October 2000

STATEMENT OF

I, [redacted] states:

1. Together with my wife, [redacted] we own property adjoining that of [redacted].
 2. On 21 September 2000, the Chinchilla Shire Council approved construction of two earthen dam storages for irrigation of fodder crops upon [redacted] and which adjoins ours.
 3. The location of the two earthen dams upon [redacted] property is in a naturally occurring land depression which feeds our own storage dam. Our storage dam is located at a lower level to that of the two proposed dams on [redacted] property.
 4. Although statistical figures supplied by Chinchilla Irrigation and Pumping Services in support of the two storage dams indicates that more water may fall on the catchment area for the two dams in any one year, what is not taken into account is the potential utilisation of that stored water between rainfalls with the consequence that an overflow or filling of both of the proposed dams on [redacted] property may not occur.
 5. The Chinchilla Shire Council in its approval required [redacted] to enter into a sharing agreement with us during times of water shortage. For a number of years we have not enjoyed good neighbourly relations with [redacted]. No attempt has been made by [redacted] to negotiate with us regarding such a sharing agreement.
- Coined - 1/10/02
IM 1/10/02*
- Recently [redacted] have been dealt with by the Department of Natural Resources in respect to possible breaches of their licences to pump water out of both the Condamine River and Wambo Creek. We also know that without a permit issued by the Chinchilla Shire Council, [redacted] have carried out substantial work toward constructing the earthen dam walls.
- STOCK WATER - FREE RANGE GRAZING.*
7. We are genuinely concerned that even if we were to reach a sharing agreement with [redacted] [redacted] given their apparent propensity to flout the law in respect to water use we have no confidence that they would abide by any agreement with us during times of shortage.

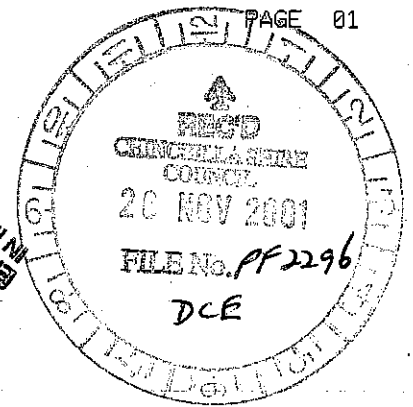
8. Our main water storage is the one fed by the land upon which [REDACTED] propose to construct their two dams. They are aware of our dependence upon our storage for the purpose of operating our licensed feed lot. If we were to lose that supply of water through the construction of the two dams and a failure by [REDACTED] to honour any water sharing agreement then we would suffer financial loss and be faced with expensive litigation to sue [REDACTED] for any breach of any such water sharing agreement.

9. For many years [REDACTED] have, through their existing water allocations, been able to run their farm operations. They already have a water allocation for irrigation purposes. There appears to be no reason why they would now require additional storage capacities of the magnitude sought.



3-12-01

DATE



[REDACTED]
 "Verland"
 M/S [REDACTED]
 CHINCHILLA 4413

26th November 2001.

Chinchilla Shire Council
 P O Box [REDACTED]
 CHINCHILLA 4413

CHINCHILLA SHIRE COUNCIL

Copy for your information and/or attention.

NB

Chief Executive Date 27/11/01

Dear Sir

RE: [REDACTED] - PROPOSED IRRIGATION STORAGE

I forwarded you a letter dated 19 November 2001 re advising that [REDACTED] has already commenced construction on the dams relating to an appeal that your Council has approved.

I wish to elaborate on that letter further. We contacted the contractor [REDACTED] who undertook the building of these dams and he advised the following:-

In March/April this year he and his brother [REDACTED] spent two weeks with two scrapers and working long hours on the project.

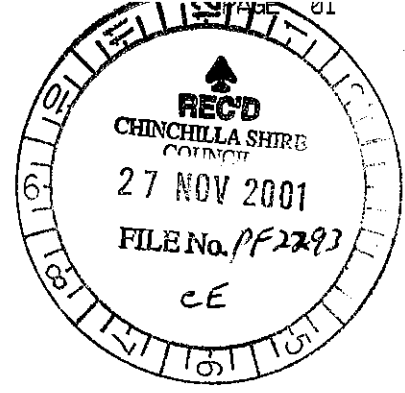
Banks were constructed according to the proposed plans for his levee banks. One bank has been completed to within two metres of full capacity.

Would it be possible for somebody from your Council to check this site before the appeal is heard on Monday 3rd December. If you wish to contact [REDACTED], his home phone number is [REDACTED] - may have to ring at night.

Yours faithfully

[REDACTED]

COPY TO [REDACTED]
 BY [REDACTED]
 CEO
 B/S DATE



[REDACTED]
"Verland"
M/S [REDACTED]
CHINCHILLA 4413

27th November 2001

[REDACTED]
Chinchilla Shire Council
P O Box [REDACTED]
CHINCHILLA 4413

ENTERED
ON INDEX

Dear Sir

RE: FORMAL COMPLAINT RE [REDACTED] USAGE OF WATER ON THE
WAMBO CREEK

Attached is a letter and map that was forwarded to the Department of Natural
Resources.

I feel you should be made aware of this situation also as the pipe is illegally through
one of your culverts.

Please take appropriate action as this person is breaching the Law.

Yours faithfully

[REDACTED]

[REDACTED]

NB 28/11/01

"Verland"
M/S [REDACTED]
CHINCHILLA 4413

23rd November 2001

[REDACTED]
Senior Technical Officer
Department of Natural Resources
P O Box 318
TOOWOOMBA 4350

Dear [REDACTED]

RE: FORMAL COMPLAINT RE [REDACTED] USAGE OF WATER ON THE
WAMBO CREEK

I wish to make a formal complaint about the way [REDACTED] is using water on the
Wambo Creek.

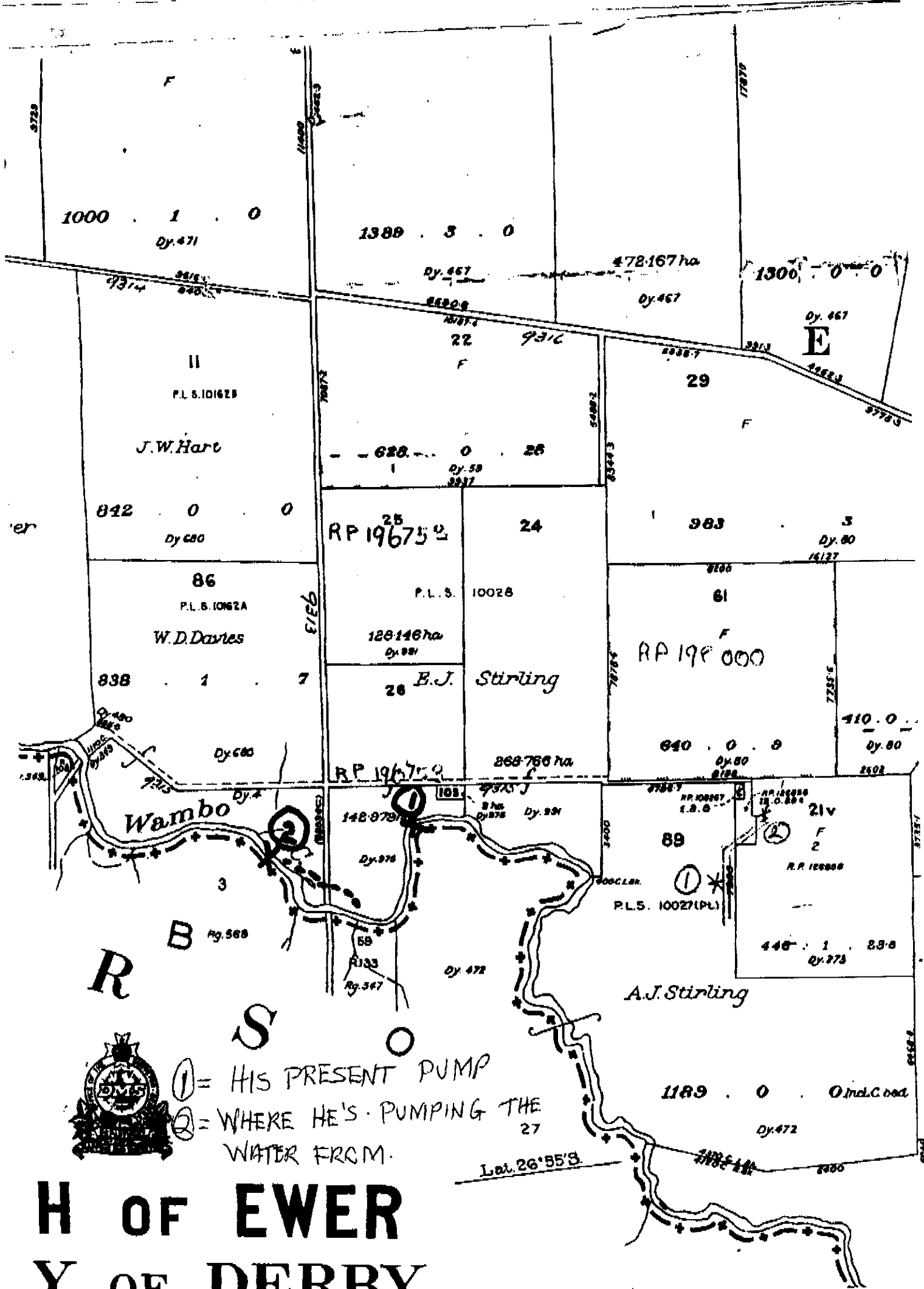
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done. We can't tell you exactly where he's pumping from as we don't want to go
onto his property but it's in one of the good holes on the western side of Avenue
Road.

I feel he should be checked out immediately. This man will not abide by rules or
guidelines and feel he shouldn't be allowed to keep his current licence -- or at least
have a meter installed on it. At the moment he has a licence for 48 megalitres and
nobody would have a clue how much he's using while he can pump from other holes
in the creek.

If you have any queries, you can contact me on [REDACTED]

Yours faithfully
[REDACTED]



R S O



① = HIS PRESENT PUMP
 ② = WHERE HE'S PUMPING THE WATER FROM.

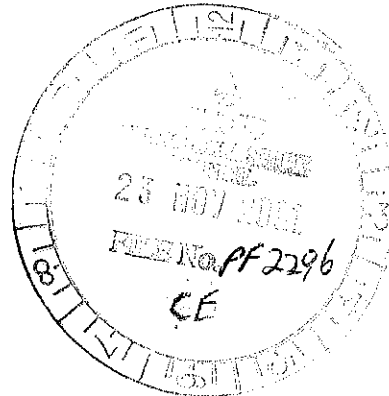
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 Y OF DERRY



Author [REDACTED]
File Number NRM/325/000(0396) & (0397)
Directorate / Unit Water Management
Phone [REDACTED]

20 November 2001

The Shire Engineer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



Dear [REDACTED]

RE: APPEAL UNDER LOCAL GOVERNMENT ACT 1993
[REDACTED] v- CHINCHILLA SHIRE COUNCIL
[REDACTED] v- CHINCHILLA SHIRE COUNCIL

Reference is made to the above appeals against a decision of Chinchilla Shire Council concerning an application for a permit to authorise levee bank works made by [REDACTED]

Please find attached for your information, correspondence from the Solicitors acting on behalf of [REDACTED] providing details of witnesses to be called and an outline of the legal argument in support of the Appeal.

As of this date no information has been forthcoming from [REDACTED] Any additional information received from either Appellant will be forwarded accordingly.

Yours sincerely,

[REDACTED SIGNATURE]

**SENIOR PROJECT OFFICER
WATER MANAGEMENT AND USE**

Att. (1)

COPY TO	Engineer
COPY TO	[REDACTED]
COPY TO	
DATE	NB 27/11/01

CONTACT: [REDACTED]
DEPARTMENT: Commercial Law
DEPT MANAGER: [REDACTED]
OUR REF: H9.2225005
YOUR REF: NRM/325/000(0396)
REPLY TO: Toowoomba

TOOWOOMBA
'Kensington'
126 Russell Street
PO Box 668
Toowoomba Qld 4350
DX 41077
Tel: (07) 4699 4699
Fax: (07) 4638 5481

14 November 2001

The Manager
Water Management & Use
Department of Natural Resources
GPO Box 2454
BRISBANE QLD 4001

**SHINE
ROCHE
McGOWAN** 
SOLICITORS *Your Voice*

Dear Sir

[REDACTED] V CHINCHILLA SHIRE COUNCIL
APPEAL UNDER LOCAL GOVERNMENT ACT 1993

We refer to the above matter and advise that we act on behalf of
[REDACTED]

We advise that the witnesses to be called are:-

- [REDACTED]
- [REDACTED]

We further advise that legal argument will be advanced in support of
the appeal. Enclosed is an outline of that argument.

Yours faithfully
SHINE ROCHE McGOWAN
[REDACTED]

BRISBANE
Level 6, 30 Makerston Street
PO Box 12011
George Street Post Shop
Brisbane Qld 4003
DX 1057 Northpoint
Tel: (07) 3006 6000
Fax: (07) 3229 1999

GOLD COAST
'Excalibur House'
Level 4, 52 Davenport Street
PO Box 217
Southport BC Qld 4215
DX 41552 Southport
Tel: (07) 5558 5558
Fax: (07) 5558 5559

SUNSHINE COAST
'Central Coast Serviced Offices'
First Floor, Suite 9
Cnr First Avenue & Memorial Avenue
Maroochydore Qld 4558
Tel: 13 11 99
Fax: (07) 3229 1999

Email: law@shine.com.au
Website: www.shine.com.au

Enc

DOCUMENT RECEIVED BY DNR	
16 NOV 2001	
File No.	NRM/325/000(0397)
File Location	WMO 00028 S. Roche 22/8/01
Action By	WMO
Registered	DN Doc Code 1101/01283
MCA INSTRUCTIONS MUST BE FOLLOWED ON FRONT COVER	

OUTLINE OF APPEAL

This is an Appeal against the decision of the Chinchilla Shire Council ("the Council") made on 22 September 2000 granting approval under the Council's local law number 42 for the construction of levee banks to provide water storage facilities of 65ML and 160ML.

Section 938 of the *Local Government Act 1993* ("LGA") allows local authorities to make local law in respect to levee banks provided those local laws were in force prior to 30 March 1998 (see s854 of the LGA). The effect of s938 and s854 of the LGA is to remove the power of local authorities to make laws about levee banks after 30 March 1998.

Presumably the Council's local law 42 was in force prior to 30 March 1998.

This Appeal is governed by s943 of the LGA which has the effect of a re-hearing of the application under the Council's local law 42 as the tribunal can substitute it's own decision.

Under Part 3A of the *Water Resource Act 1989* water management and water allocation plans could be made. Section 1043 of the *Water Act 2000* acknowledges a draft water allocation and management plan for the Condamine-Balonne basin. On 20 September 2000 a moratorium notice under s42 of the *Water Act 2000* was published. The effect of the notice is to prevent new works. To avoid the moratorium a number of things had to be in place, one of which was a permit issued under a local law and in accordance with s940 of the LGA. Under s940 of the LGA a permit cannot be issued before 30 days after approval of the application made under the local law or not issued at all where, within that 30 day period an appeal is made. On 17 October 2000 the Appellants, R & H Flett made their appeal which appeal was received by the Council on 20 October 2000. Clearly the application under local law 42 is bound by the moratorium notice to the extent that no new works can be undertaken.

It is the Applicant's submission that once the moratorium came into effect the Council was prevented from dealing with any applications under it's local laws to approve construction of anything that the moratorium prevented.

The second submission is that if the council was empowered to approve something for which a moratorium applied then the Council's decisions to make the approval subject to an agreement between the Applicant for the permit and the Appellants as to the sharing of water was a condition incapable of enforcement by the Council and contrary to s19 of the *Water Act 2000* which vests in the State all rights to the use, flow and control of all water in Queensland.

TECHNICAL REPORT

PROPOSED IRRIGATION STORAGE

AMENDED DESIGN REPORT - NOVEMBER 2001

General

This report refers to two proposed irrigation storages to be located on [REDACTED] property which is approximately 17 kilometres to the south of Chinchilla.

The report includes the amendments requested by the Chinchilla Shire Council in their letter to [REDACTED] of 22 September 2000.

It is proposed to construct two smaller storages on the same gully rather than a single larger storage. To construct a single larger storage at the site would require relocation of the existing structures constructed on the left bank of the gully. These structures consist of a feedlot and its associated tree shelterbelt, plus a silage storage area.

Both the proposed storages are to be constructed across the same broad based gully, which runs just to the north of the existing house. The lower storage (Storage No. 1) has a capacity of approximately 65 megalitres while the upper storage (Storage No.2) would have a capacity of approximately 111 megalitres. **Full Supply Level on Storage No. 2 has been reduced by 200 mm as per Chinchilla Shire Council requirement.**

Water will be released from the upper storage to the lower storage via an outlet pipe through the embankment. A pump unit on the lower storage will allow water to be utilized for spray irrigation of fodder crops adjacent to the lower storage.

Details of the proposed project are described below.

Catchment

The combined catchment area for the proposed storages has been estimated from topographic maps (1:100000 topo) and visual interpretation to be approximately 880 hectares.

The catchment area for Storage No 1 has been estimated to be approximately 250 hectares. Approximately 100 hectares of this catchment is to be diverted via a catch drain which is to be constructed on the right bank side of the gully (see catch drain layout).

The direct catchment to Storage No 2 has been estimated to be approximately 420 hectares (from 1:100000 topographic plan). An additional 210 hectares is to be diverted to this storage using a catchdrain that is to be constructed on the western side of the storage, making the total catchment area for this storage approximately 630 hectares. Some of the estimated diverted catchment may actually act as direct catchment, depending on the effect of the boundary fence between Lot 29 and Lot 62. However total catchment area will remain the same.

Both catchments consist of Brigalow type scrub soils. The areas may be either partly row cropped, fallow or under improved pasture depending on the time of year. An estimate of runoff produced from a catchment containing Brigalow type soils is difficult due to the difference in runoff potential depending on how "wet" the catchment is at the time of the particular rainfall event. Therefore it is usual to be conservative when estimating runoff from these catchments.

An analysis of the catchments using the U.S.D.A runoff model for small catchments and 30 years of rainfall records for Chinchilla has indicated that in 50 % of years runoff from Catchment No. 1 will equal or exceed 67 megalitres while in 3 out 4 years (75%) runoff will equal or exceed 17 megalitres.

The analysis of the upper catchment area has indicated that in 50 % of years runoff from this catchment will equal or exceed 170 megalitres while in 3 out 4 years (75%) runoff will equal or exceed 44 megalitres.

It should be pointed out that estimation of runoff from small farm catchments is not an exact science and further research is being conducted to improve the knowledge of how catchments react to high intensity and short duration rainfall events. However the indicated runoff volumes could be used for long term project planning.

Storage No. 1

The proposed embankment is to be located across the broad based gully approximately 250 metres to the north of the house and just downstream of the existing dam on the left bank of the gully. This storage will be used as a "pump hole" for the proposed spray irrigation scheme (center-pivot irrigator) due to its proximity to the existing electricity supply.

The proposed embankment would have a height of approximately 3.6 metres with a crest length of 264 metres, batter slopes of 3 to 1 and a crest width of 4 metres.

Approximately 6 500 cubic metres of compacted earth and clay fill would be required to construct the 3.6 metre high embankment. Some 2 400 cubic metres of material which can be utilized in the outer zones of the embankment could be obtained from bywash construction. The remainder of material required for construction of the embankment will be obtained from inside the storage area. Construction of the compacted clay cutoff will also require an additional 550 cubic metres of material to be removed and replaced in the cutoff trench. Base of the cutoff trench is expected to be approximately 0.7 m below natural surface level however this would be subject to variation on site.

Excess flows from the catchment will be diverted through bywashes, to be located at each end of the proposed embankment, and returned to the gully downstream of the embankment. The bywashes consist of a level bench cut in a semi circular shape at the ends of the embankment with the grassed return slope used to reduce the velocity of flows bypassing the storage. The bywashes have been designed to pass the flow estimated to be produced by a 1 in 100 year storm event on the total catchment **plus an increase in width to be consistent with the bywash width on the upper storage.** Bywash inlet and outlet width will be **increased to 50 metres.**

The bywash return slopes spread bywash flows and reduce water velocities by the use of good grass cover on the return slope. Thus it is important to establish and maintain good grass cover on the return slopes to prevent erosion.

Rock protection works will also be required on the ends and downstream toe of the embankment at the bywash outlet. This is to prevent erosion of the toe of the embankment by flows through the bywash. Protection works will consist of hand placed rock extending from approximately the center line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface level.

Construction of the embankment as proposed will create a storage with a capacity of approximately 65 megalitres. Estimated catchment yield for this storage is 67 megalitres (50 % years) and 17 megalitres (75 % years) respectively.

Storage No. 2

The second embankment is to be located across the broad based gully approximately 750 metres upstream from Storage No. 1. This storage is very shallow and has a large surface area in relation to its volume. Thus to minimize evaporation it is proposed to release as much of the stored water as possible to the lower storage which has a greater depth and smaller surface area.

The proposed embankment would have a height of approximately 2.8 metres with a crest length of 455 metres, batter slopes of 3 to 1 and a crest width of 4.0 metres.

The Full Supply Level on this storage has been reduced by 200 mm to comply with the Chinchilla Shire Council approval for construction of the project.

Approximately 8500 cubic metres of compacted earth and clay fill would be required to construct the 2.8 metre high embankment. Some 1235 cubic metres of material for use in the outer zones of the embankment could be obtained from the bywash cuts while the remainder of material required for construction of the embankment will be obtained from inside the storage area.

Construction of the compacted clay cutoff will also require an additional 955 cubic metres of material to be removed and replaced in the cutoff trench. Base of the cutoff trench is expected to be approximately 0.7 m below natural surface level however this would be subject to variation on site.

Excess flows from the catchment will be diverted through bywashes, to be located at each end of the proposed embankment. Bywashes are to be similar in construction to those on Storage No.1. The bywashes were originally designed to pass a flow estimated to be produced by a 1 in 100 year storm event on the catchment. However bywash **inlet and outlet width has been increased to 50 metres as per Chinchilla Shire Council recommendations**, to reduce the likely hood of any inundation of Lot 29, which is located upstream of the proposed dam site.

Construction of the embankment as proposed will create a storage with a capacity of approximately 111 megalitres. Estimated catchment yield for this storage is 170 megalitres (50 % years) and 44 megalitres (75 % years) respectively.

Outlet pipe

To allow water to be released from the upper storage (Storage No. 2) a 200 mm diameter polythene pipe will be installed through the embankment. The outlet pipe will consist of 3 lengths of polythene pipe joined by bolted galvanized flanges. The center section will be approximately 2 metres in length, with the outer sections approximately 10 metres long. Where the outlet pipe passes through the compacted clay cutoff anti seep baffles will be installed to prevent seepage occurring along the pipe. The concrete baffles will be poured in position around the flanged sections of the pipe. Backfill for the full length of the outlet pipe trench will be hand placed, compacted clay material to prevent possible seepage along the pipe alignment. A valve will be located on the downstream end of the outlet pipe to control flow from the outlet pipe. A flap valve will be placed on the inlet end of the pipe to prevent loss of stored water should the outlet valve be damaged or require repair. A rock protected area will be required where the outlet pipe discharges on the downstream end.

Soils

A materials investigation has been carried out on the proposed site. This investigation consisted of the excavation and sampling of a number of test pits using a backhoe and post auger. Soils were visually classified as black and brown clays with medium plasticity. Soils on the site are suitable for construction of both embankments, however some precautions are required to be taken during construction. Some of the soils on the site show dispersive properties. **Dispersive soils combined with poor compaction have accounted for more farm dam failures than any other mode of failure combined.** However it is possible to construct a reliable earth embankment for an on farm storage utilizing dispersive soils providing correct moisture control and proper compaction techniques are applied.

Conclusion

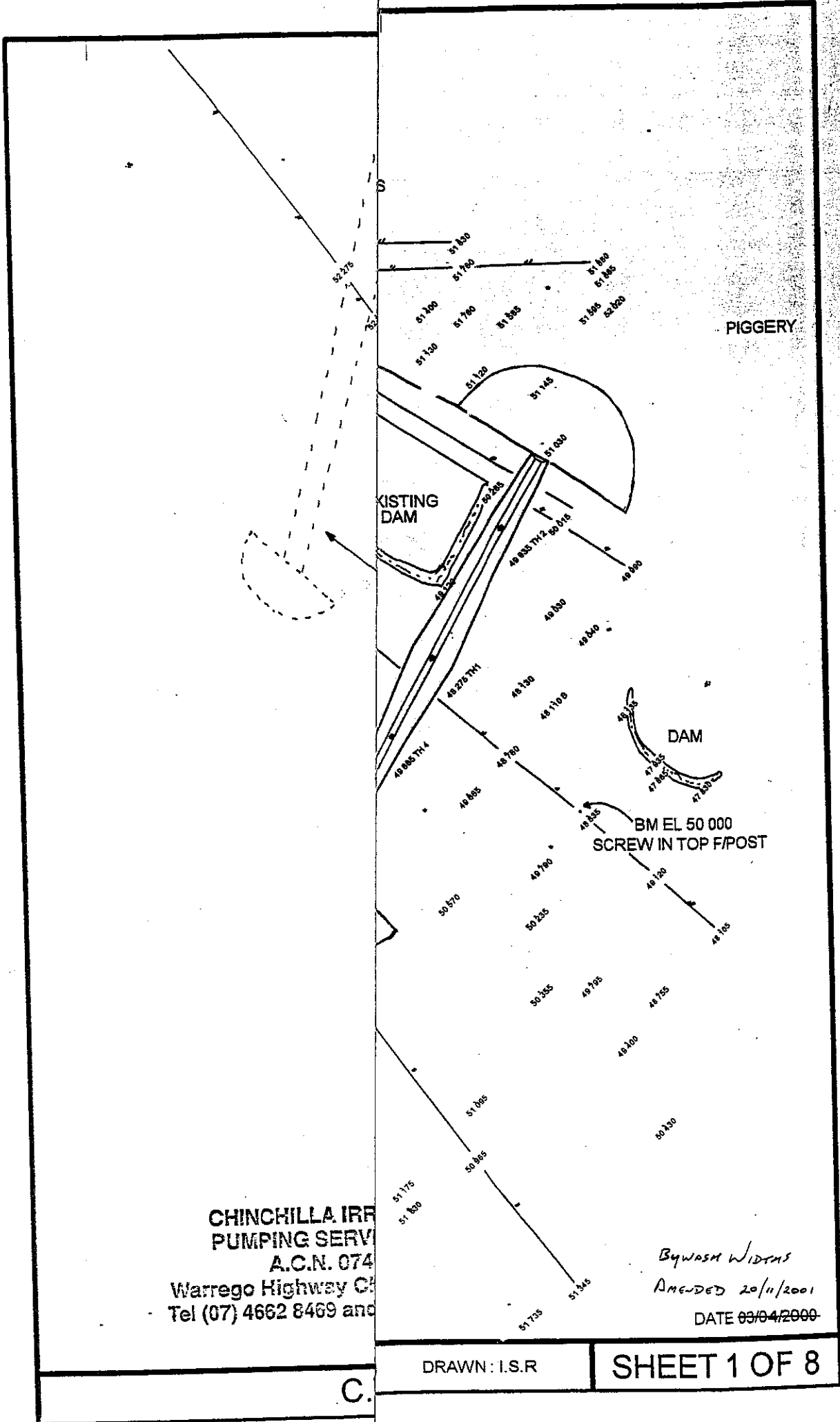
Successful construction of both of these storages will require careful moisture control and compaction of the clay core and cutoff trench. You should insure that your selected contractor is aware of this and accepts responsibility for providing suitable compaction equipment and its operation.

Both storages have been designed to Queensland Water Resources – Farm Water Supply standard specifications with design data obtained from “Farm Water Supplies Design Manual” and “Farm Water Supplies Service Design Charts”.

If you require any further information or wish to discuss any details of this project please contact me on [REDACTED]

Regards
[REDACTED]

Ass Dip Ap Sc (Farm Water Supplies)
Chinchilla Irrigation and Pumping Services



CHINCHILLA IRR
 PUMPING SERV
 A.C.N. 074
 Warrego Highway C
 Tel (07) 4662 8469 and

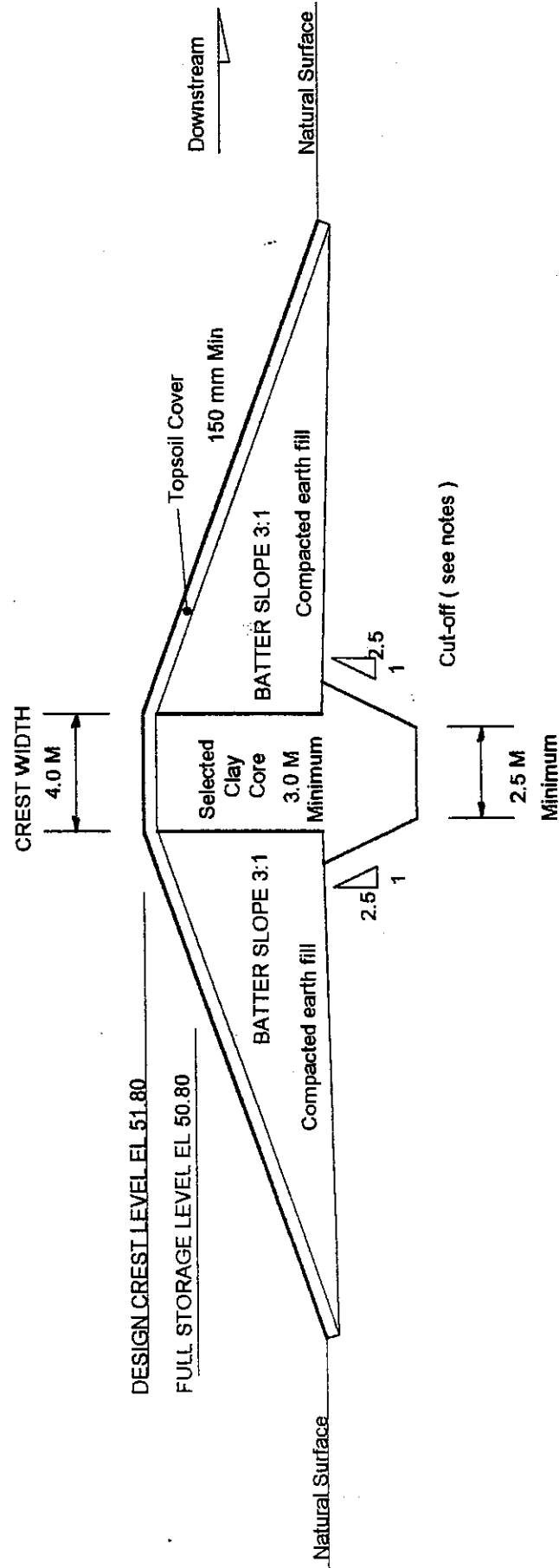
Bywash Widths
 AMENDED 20/11/2001
 DATE 09/04/2000

DRAWN: I.S.R

SHEET 1 OF 8

C.

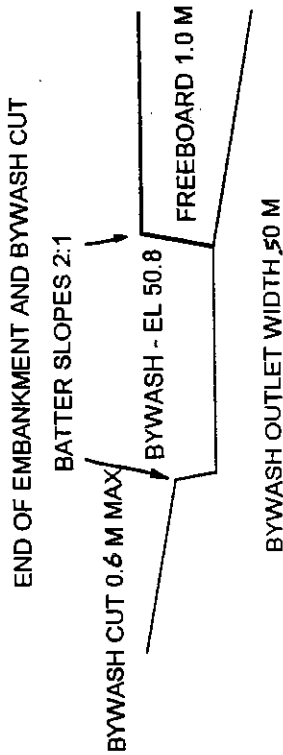
**CHINCHILLA IRRIGATION AND
 PUMPING SERVICES PTY LTD**
 A.C.N. 074 568 273
 Warrego Highway CHINCHILLA Q 4413
 Tel (07) 4662 6469 and Fax (07) 4662 8589



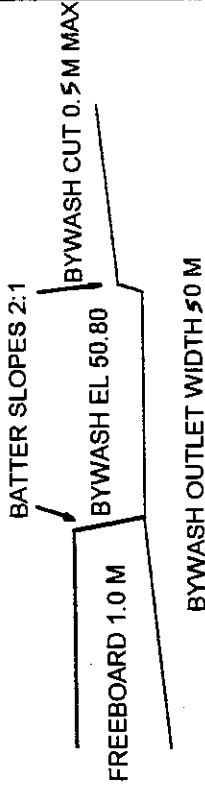
Notes : Cut-off to extend at least 300 mm into natural clay zone
 and to be backfilled with well compacted clay.

DATE : 04/04/2000

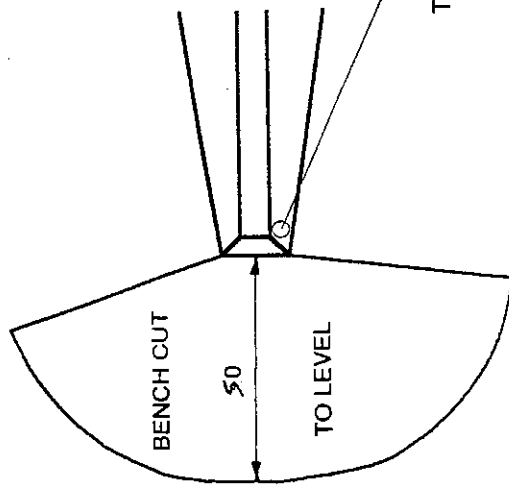
**CHINCHILLA IRRIGATION AND
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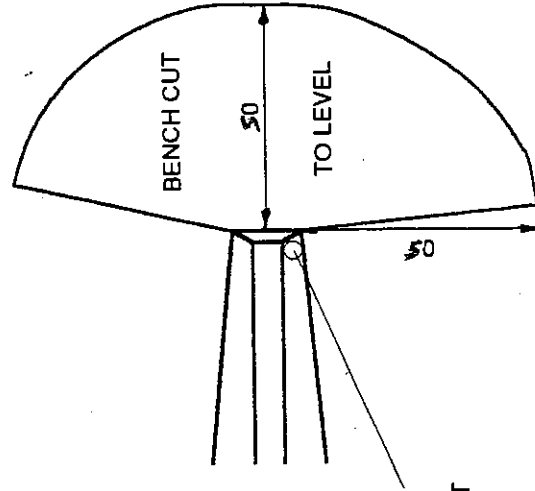
RIGHT BANK BYWASH



LEFT BANK BYWASH

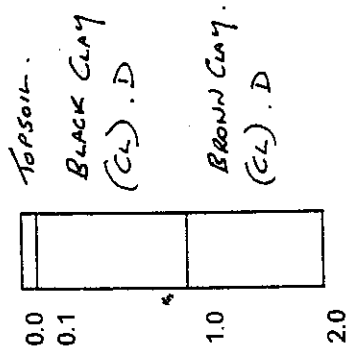


*Bywash width
REVISED 20/11/2001
DATE: 04/04/2000*

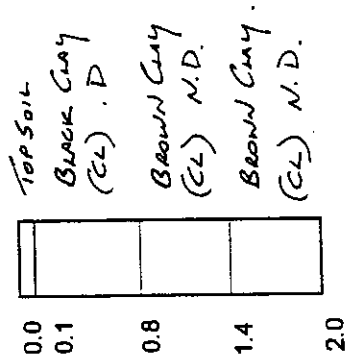


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Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

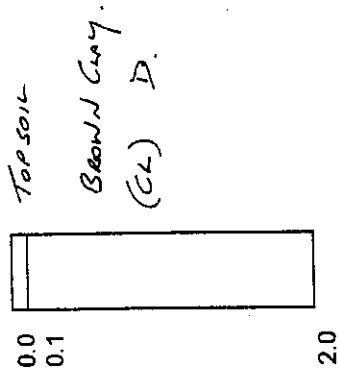
TEST HOLE NO. 1



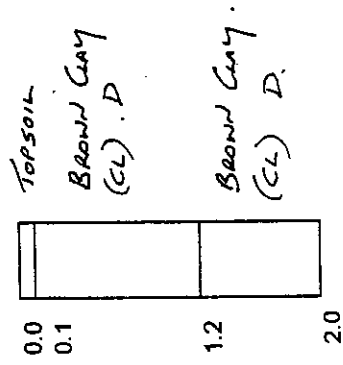
TEST HOLE NO. 2



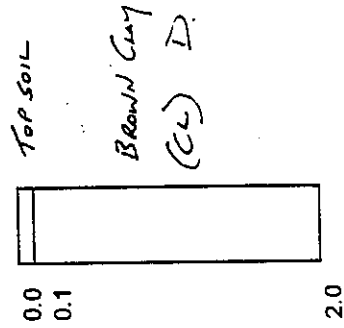
TEST HOLE NO. 3



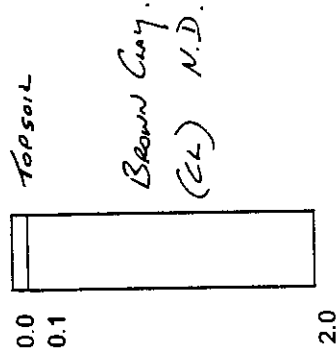
TEST HOLE NO. 4



TEST HOLE NO. 5



TEST HOLE NO. 6



NOTES : Soils visually classified only ; D - Indicates Dispersive ; ND - Non Dispersive

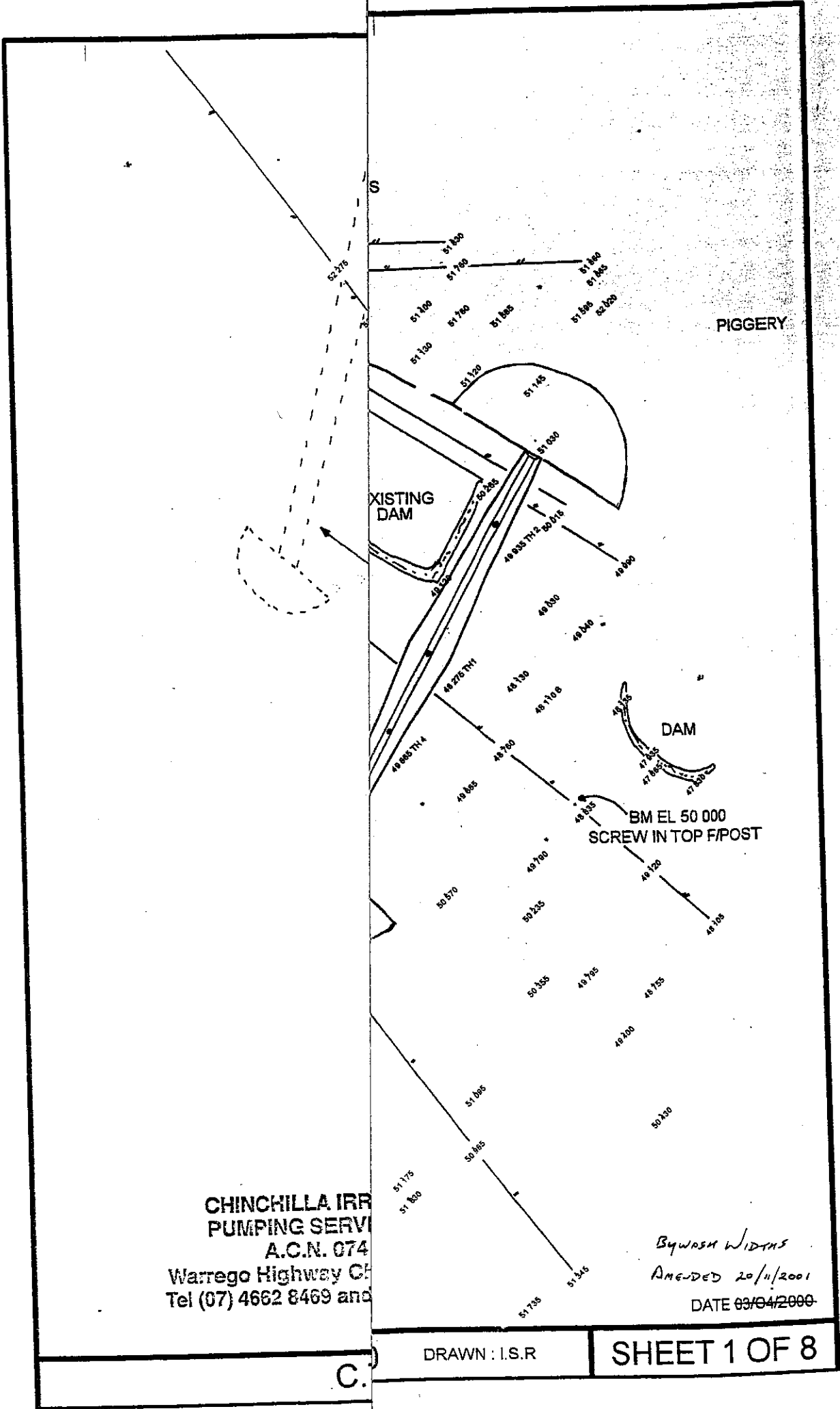
DATE : 04/04/2000

- TEST HOLE LOGS

Scale :

DRAWN I.S.R

SHEET 4 OF 8



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PUMPING SERV
A.C.N. 074
 Warrego Highway Co
 Tel (07) 4662 8469 and

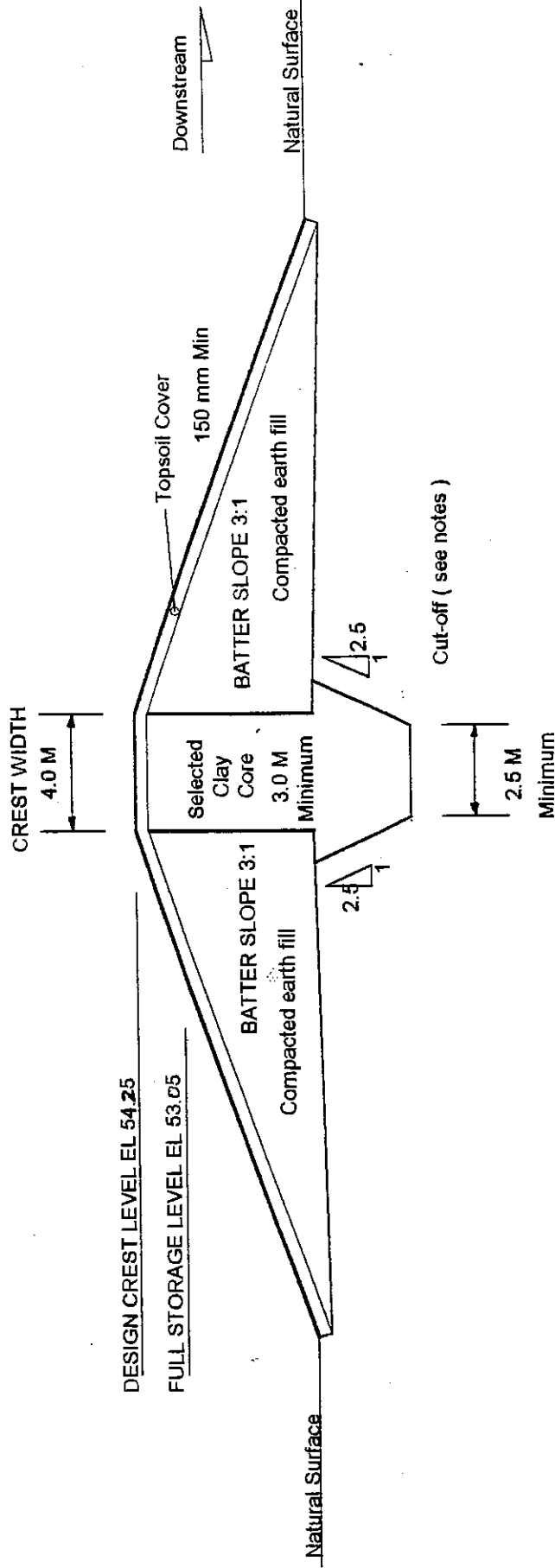
Bywash Widths
 AMENDED 20/11/2001
 DATE 03/04/2000

DRAWN : I.S.R

SHEET 1 OF 8

C.

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PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589



Notes : Cut-off to extend at least 300 mm into natural clay zone
and to be backfilled with well compacted clay.

CREST LEVEL
Amended 20/11/2001
DATE : 04/04/2000

CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD.

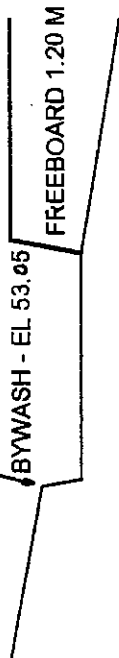
A.C.N. 074 568 273

Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

END OF EMBANKMENT AND BYWASH CUT

BATTER SLOPES 2:1

BYWASH CUT 0.2 M MAX



BYWASH OUTLET WIDTH 50 M

RIGHT BANK BYWASH

BATTER SLOPES 2:1

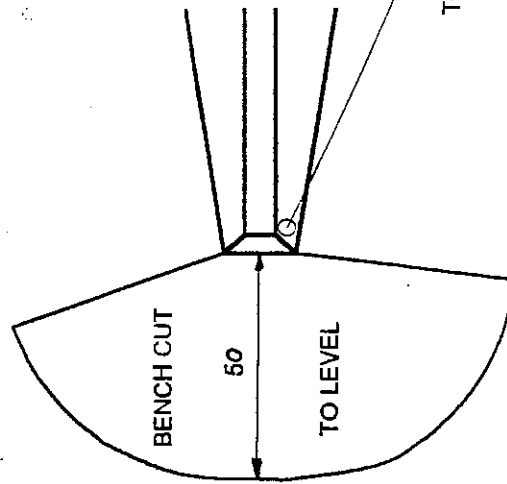
BYWASH EL. 53.05

BYWASH CUT 0.3 M MAX

FREEBOARD 1.20 M

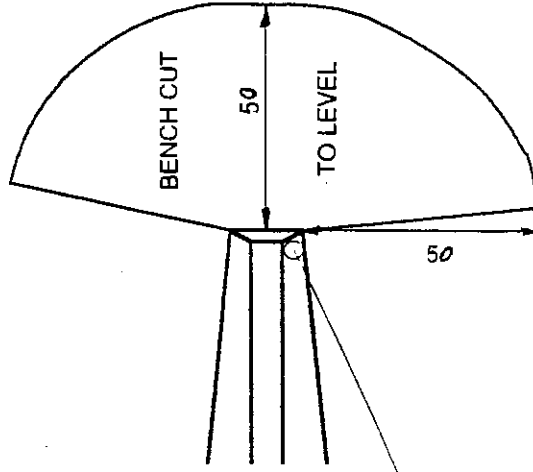
BYWASH OUTLET WIDTH 50 M

LEFT BANK BYWASH



HAND PLACED ROCK PITCHING
TO BE INSTALLED ON EMBANKMENT
AT BYWASH OUTLET

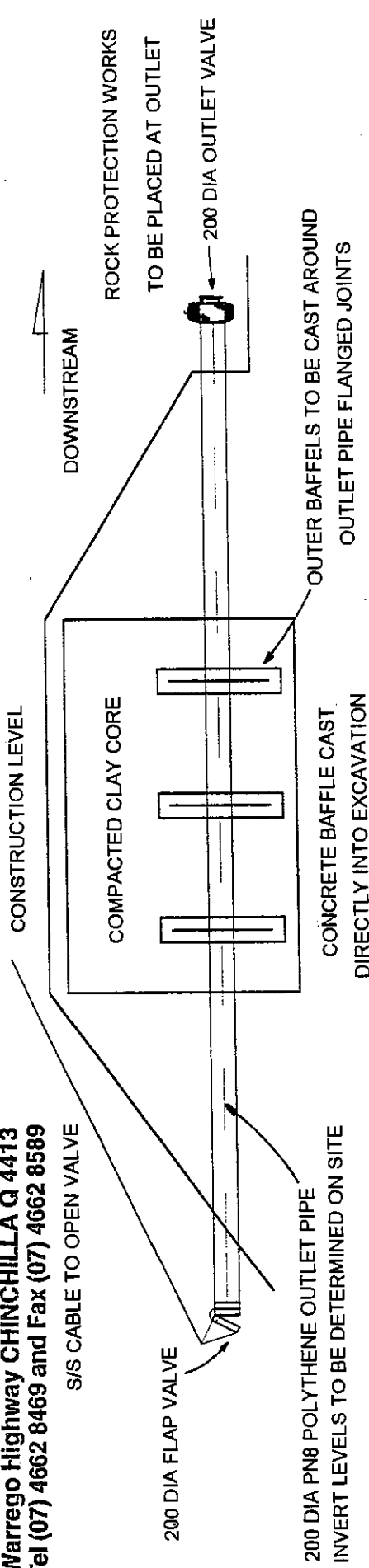
Bywash Widths
AMENDED 20/11/2001
DATE: 04/04/2000



CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD

A.C.N. 074 568 273
 Warrego Highway CHINCHILLA Q 4413
 Tel (07) 4662 8469 and Fax (07) 4662 8589

CONSTRUCTION LEVEL



S/S CABLE TO OPEN VALVE

200 DIA FLAP VALVE

200 DIA PN8 POLYTHENE OUTLET PIPE
 INVERT LEVELS TO BE DETERMINED ON SITE

CONCRETE BAFFLE CAST DIRECTLY INTO EXCAVATION

OUTER BAFFLES TO BE CAST AROUND
 OUTLET PIPE FLANGED JOINTS

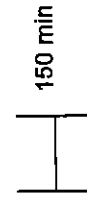
DOWNSTREAM

ROCK PROTECTION WORKS
 TO BE PLACED AT OUTLET

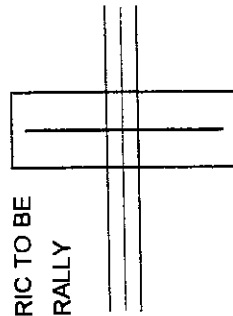
200 DIA OUTLET VALVE

RC BAFFLE INSTALLATION

NOT TO SCALE



REINFORCING FABRIC TO BE PLACED CENTRALLY



F62 REINFORCING FABRIC OR
 10 DIA BARS AT 250 CENTRES
 50 mm COVER FOR ALL REINFORCEMENT
 CONCRETE GRADE 32 MPa

825

REINFORCED CONCRETE BAFFLE DETAIL

all dimensions in millimetres

DATE : 04/04/2000

- OUTLET PIPE DETAIL Scale :

DRAWN I.S.R

SHEET 8 OF 8

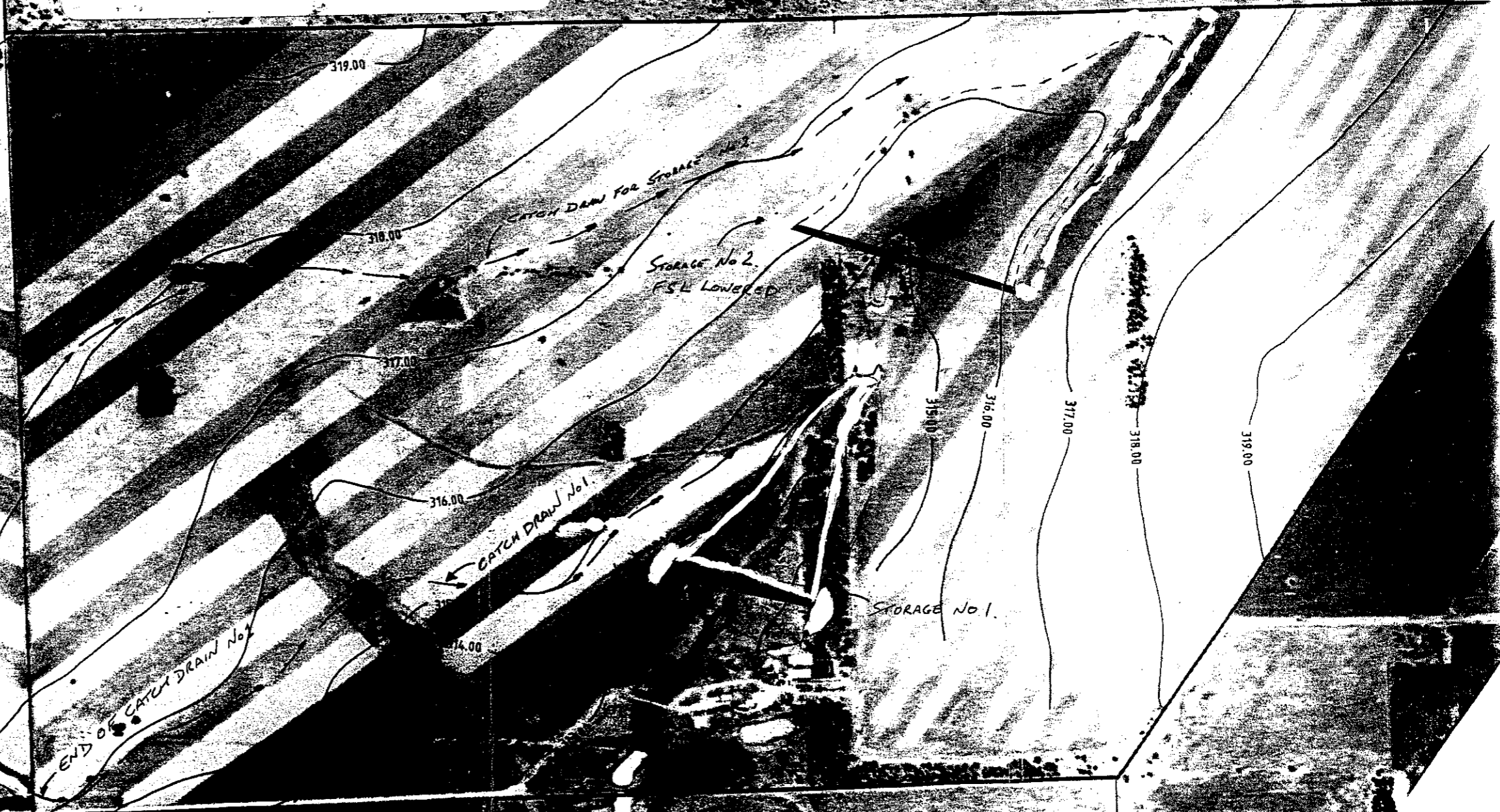
SCALE 1:10 000

SITE PLAN. A

PROPOSED CATCH DRAIN LAYOUT.

AMENDED 20/11/01.

DERIVED FROM D.N.R. PLAN CL:AO-40463.



- CATCH DRAIN LAYOUT.

CALCULATIONS FOR U.S.D.A. RUNNOFF MODEL

FOR [REDACTED]

Catchment area estimated from 1:10000 and 1:100000 Topographical Maps -

880 ha

Soil Type – softwood type scrub soil

Catchment consists of approximately:

20ha timbered areas assessed to be in fair hydraulic condition

2 ha of Paved Road

Remainder of catchment is cultivated with a mix of cropping/fallow or rotational improved pasture. The mix of this will change depending on time of year and possibly year to year.

Therefore assume approximately 1/3 each over catchment area.

- From FWS Design manual table 1.5 (a)

Soil classified as B type according to Native Vegetation type.

- From Table (1.6)

Catchment index K_{II} would be:

Rotational Pasture – straight row (good)	72
Crops – straight row (good)	75
Fallow – straight row	86
Timber (fair)	60
Road	84

Thus K_{II} index: (by proportion)

Road	$2/880 \times 84$	=	0.2
Timber	$20/880 \times 84$	=	1.4
Rotational Pasture	$286/880 \times 75$	=	23.4
Crops	$286/880 \times 75$	=	24.4
Fallow	$286/880 \times 86$	=	<u>28.0</u>
Total K_{II}		=	<u>77.4</u>

Assume K_{II} 75 to be conservative with runoff.

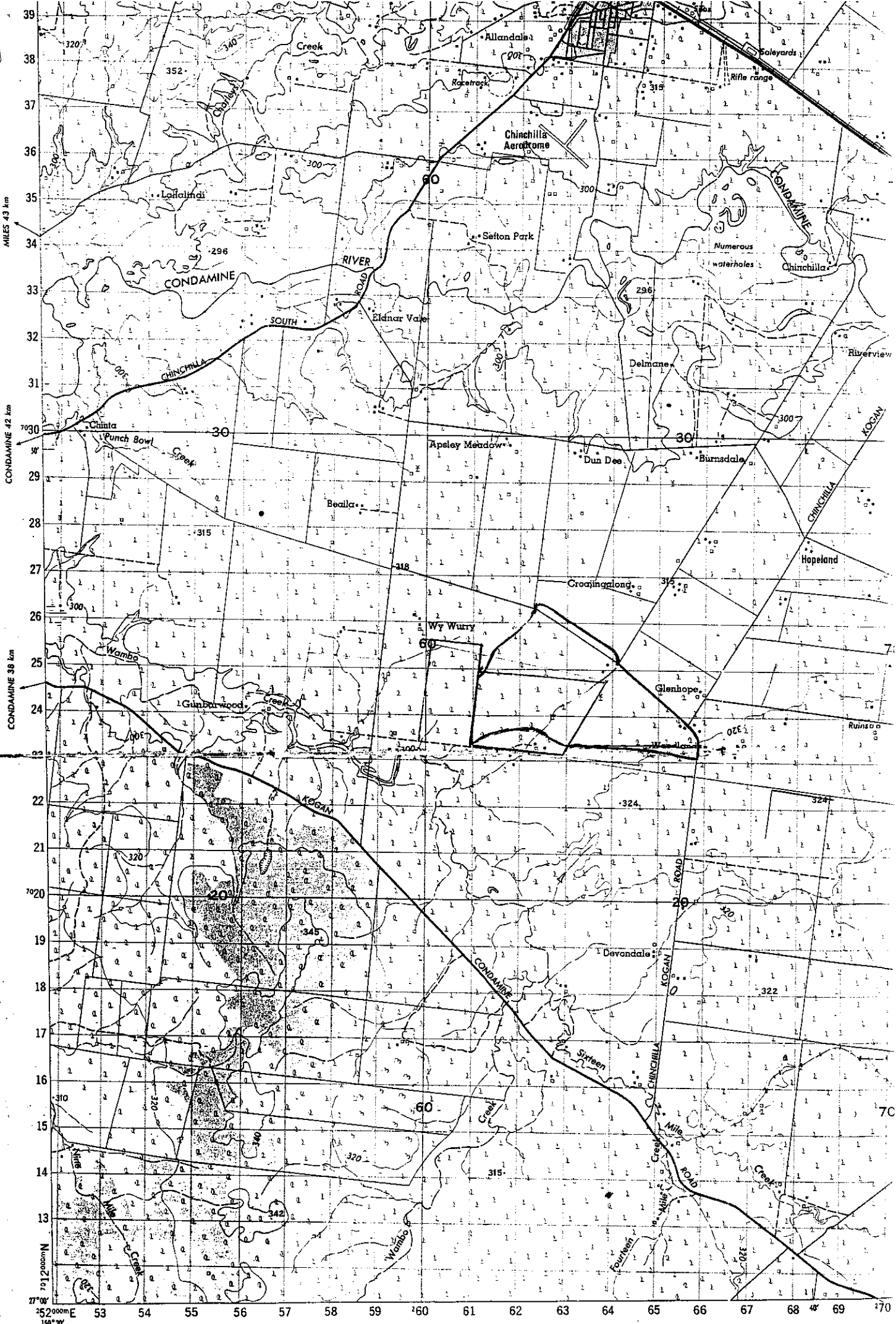
From FWS design charts (30 year record)

75% yield figure K_{II} 75 = 7mm

50% yield figure K_{II} 75 = 27mm

Thus catchment yield =

75% (3 out of 4 years)	$= 880 \times 7 \times 10$	=	62 megalitres
50% (2 out of 4 years)	$= 880 \times 27 \times 10$	=	238 megalitres



SCALE 1:100 000 CATCHMENT 880 HA

SOIL DESCRIPTION	EXAMPLES OF ASSOCIATED TIMBER	SOIL CLASSIFICATION
Sandy Surface - Clay sub-soil (including ridges)	Stunted Eucalypt Oak Forest	C tending towards D where the top soils are shallow
Hard Setting	Ironbark, Box, Belah	C
* Friable - Black & Brown	Softwood scrub	B
Seasonal cracking Melon holes	Brigalow Belah	B Deep melon holes tending towards A
Friable - Red	Well grown Eucalypt forest, and tall "rain-forest" scrub where rainfall is high and soil is deep.	B can tend towards A. Where base flow is intercepted revert towards Class C.
Sandy - Deep	Cypress Pine	A

Table 1.5(a) Classifying soil type according to Native Vegetation

Soil Group	Description of soil characteristics
A	Soils having very low runoff potential. For example, deep sands with very little silt or clay.
B	Light soils and/or well structured soils having above-average infiltration when thoroughly wetted. For example, light sandy loams, silty loams.
C	Medium soils and shallow soils having below-average infiltration when thoroughly wetted. For example, clay loams.
D	Soils having high runoff potential. For example, heavy soils, particularly clays of high swelling capacity, and very shallow soils underlain by dense clay horizons.

Table 1.5(b) General Classification of Soil Types (Burton, 1965)

Land Use or Cover	Farming Treatment	Hydrologic Condition	Soil Group			
			A	B	C	D
Native Pasture or Grassland	-	Poor	68	79	86	89
		Fair	50	69	79	84
		Good	39	61	74	80
Timbered Areas	-	Poor	46	68	78	84
		Fair	36	60	70	76
		Good	26	52	62	69
Improved Permanent Pasture	-	Good	30	58	71	78
Rotation Pastures	Staight Row Contoured	✓ Poor	66	77	85	89
		✓ Good	58	72	81	85
		Poor	64	75	83	85
		Good	55	69	78	83
Crops (Small, Grain)	Straight Row Contoured	✓ Poor	65	76	84	88
		✓ Good	63	75	83	87
		Poor	63	74	82	85
		Good	61	73	81	84
Fallow	Straight Row	-	77	86	91	94
Contoured Native Pasture	-	Poor	47	67	81	88
		Fair	25	59	75	83
		Good	6	35	70	79
Homestead Areas	-	-	59	74	82	86
Roads (Dirt)* (Hard Surfaced)*	-	-	72	82	87	89
	-	-	74	84	90	92

X
X
X
X

*Including road reserve

Table 1.6 Catchment Indexes KII
(from USDA, 1971 amended for Qld data)

Antecedent Moisture Condition (AMC)	5 Day Antecedent Rainfall (mm)
I	Less than 13
II	14 to 38
III	More than 38

(From WRFA, 1965)

Antecedent Moisture Condition (AMC)	5 day Antecedent Rainfall (mm)	
	Dormant Season May-Aug	Growing Season Sep-Apr
I	Less than 13	Less than 36
II	14 to 28	37 to 53
III	More than 28	More than 53

(From USDA, 1971)

Table 1.7 Criteria for Antecedent Moisture Conditions

Summary of Runoffs.

75% OF YEARS.

RAINFALL STATION	VALUE 65	OF 75	K2 85	RAINFALL STATION	VALUE 65	OF 75	K2 85	RAINFALL STATION	VALUE 65	OF 75	K2 85
ALLORA	2	11	35	DIMBULAH	21	50	105	HUNDEBERRA	1	8	33
ALPHA	0	4	20	DURINGA	9	25	63	MURGON	6	20	51
ARCTURUS D'NS	3	14	48	DULACCA	0	7	27	MUTDAPILLY	3	13	43
ASHGROVE (DINGO)	5	15	45	EIDSVOLD	4	15	52	MUTTABURRA	0	4	19
AUGATHELLA	0	0	7	EMERALD	2	7	27	NAMBOUR	102	201	382
BALLANDEAN*	0	3	15	ETON	84	154	264	NANANGO	2	12	47
BANANA	0	7	46	EUMUNDI	101	181	368	NEBO	15	30	66
BAURINHIA D'NS	1	7	36	GATTON	8	26	76	NERANWOOD	110	189	294
BAUPLE	35	68	139	GAYDAH	8	19	68	OAKY	2	10	47
BEAUDESERT	28	59	123	GILLIGULGUL	1	7	36	PALMWOODS	137	252	390
BEEBLEIGH	57	103	195	GIN GIN	15	41	97	PENTLAND	3	15	46
BEERBURRUM*	47	114	244	GOODNA**	16	38	97	PETRIE	27	69	148
BEERWAH	101	186	324	GOODWOOD	25	47	110	PITTSWORTH	1	10	41
BIDDESTON	0	5	33	GOONDIWINDI	0	2	20	PLEYSTOVE	113	194	333
BIGGENDEN	7	23	62	GRANDCHESTER	20	47	112	PROSERPINE	227	320	510
BILLOELA	1	8	34	GROSVENER DNS**	3	13	40	RATHDOWNY	17	38	89
BLACKWATER	2	9	31	GUNDARY	0	1	8	RAVENSWOOD	5	18	62
BLENHHEIM ST'N	1	11	39	GYMPIE	25	58	130	REEDY CREEK	2	7	22
BLUE MOUNTAIN	33	77	174	HARRISVILLE	17	40	96	RICHMOND	2	7	26
BOGANTUNGAN	11	30	83	HAWKWOOD	5	17	40	ROCKHAMPTON	10	29	68
BOLLON	0	1	12	HELLIDON	7	25	74	ROLLESTON	2	13	42
BOMBANDY	7	22	59	HOME HILL	51	98	193	ROMA	0	2	17
BOONAH	7	26	73	HOWARD	11	34	93	ROSEWOOD	13	36	89
BOOYAL	6	16	48	HUGHENDEN	0	4	21	SAMFORD*	39	81	161
BOYEN	48	90	167	INGHAM	293	443	616	SARINA	76	127	361
BRACKENBURGH	0	1	6	INGLEWOOD	1	8	28	SOUTHPORT	74	139	260
BUNDABERG	32	75	143	INJUNE	2	11	39	SPEEDWELL*	1	9	34
CABOOLTURE	77	140	256	IPSWICH	17	37	96	SPRINGBROOK	424	635	1078
CAINBABLE	21	42	99	JANDOWAE	1	6	27	SPRINGSURE	7	20	48
CALEN	74	130	196	KAIRI	53	87	161	STANTHORPE	0	5	28
CALOUNDRA	82	175	319	KANDANGA	28	61	139	ST. AUBYN*	3	11	33
CAMBOOYA	3	16	43	KILCOY	14	37	96	ST. GEORGE	0	2	15
CANUNGRA	79	124	197	KILLARNEY	1	12	49	ST. LAWRENCE	30	58	123
CAPE CAP' CORN	7	23	61	KINGAROY	4	12	31	STRATHBOGIE	11	33	78
CAPELLA	1	11	40	KUMBIA	5	15	48	SURAT	1	6	21
CARDWELL	334	450	760	KURABY	35	65	130	TALLEBUDGERA	122	198	324
CARMILA	87	135	253	KUTTABUL	169	269	450	TALWOOD	1	9	37
CARP'TARIA DN	11	30	68	LAIDLIE	5	22	72	TARA	1	4	25
CASTLEHOPE	12	26	57	LK. MANCHESTER	10	31	74	TAROOM	3	10	42
CHARLEVILLE	0	2	18	LEYBURN	0	6	33	TERRICA*	1	7	27
CHARTERS T'RS	4	17	53	LOWOOD	3	13	45	TEXAS	0	4	22
CHILDERS	25	107	107	MACKAY	162	248	338	THANGGOOL	0	5	26
CHINCHILLA	1	7	29	MALENY	182	292	523	THE HEAD	13	38	114
CHUDLEIGH PK	17	38	81	MAREEBA	46	88	162	THEODORE	1	9	35
CLERMONT	2	8	35	MARLBOROUGH	28	56	115	TOOGOOCLAWAH	10	30	86
CLEVELAND	58	112	189	MARYBOROUGH	23	61	124	TOOYOOMBA	11	39	102
CLIFTON	1	8	33	MILES	4	14	46	TORRENS CREEK	0	3	27
CLONCURRY	3	11	38	MILMERRAN	1	8	31	TOWNSVILLE	117	189	315
CLUMBER*	10	28	70	MIRIAM VALE	35	69	129	TULLY	945	1360	1869
COLLINSVILLE	6	18	63	MITCHELL	0	4	18	ULCANBAH	1	4	22
CONDAMINE	1	7	35	MIVA	25	72	157	VALLEY LAGNS.	12	29	67
COOROY	78	145	288	MONTO	3	12	42	WANDOAN	2	10	43
COOMRITH	0	3	18	MT. COOLON	0	7	38	WARRILL CREEK*	16	36	84
COOYAR	3	12	33	MT. COTTON	93	161	290	WARRINILLA	2	7	40
CORDALBA	15	38	92	MT. FOX*	30	60	124	WARWICK	4	13	47
CRACOW	2	14	46	MT. GLORIOUS	83	144	244	WATERLOO	33	76	165
CROWS NEST	5	20	68	MT. HOPE*	1	10	46	WESTWOOD	4	21	68
DALBY	1	5	28	MT. LINDESAY*	25	54	129	WINTON	0	1	8
DALRYMPLE HTS	187	288	485	MT. McCONNELL	6	26	65	WOODFORD	55	113	227
DALVEEN	4	14	49	MT. MOFPAT*	0	7	40	WOODSTOCK	22	48	88
DAYBORO	46	89	197	MT. SURPRISE	37	76	136	YABBA STN	8	26	64
DINGO	2	15	42	MUCKADILLA	0	2	14	YEPPHOON	46	97	208

* Less than 30 years of records : Treat with caution
 X Non-Continuous record

Table 1.8 Summary of Runoffs (in mm) Calculated by U.S.D.A. Method from 30 years of Daily Rainfall Records. Values shown are the runoffs which, in the long term, should be equalled or exceeded in 3 out of 4 years, i.e. 75% of the time.

Summary of Runoffs.

50% OF YEARS.

RAINFALL STATION	VALUE 65	OF 75	K2 85	RAINFALL STATION	VALUE 65	OF 75	K2 85	RAINFALL STATION	VALUE 65	OF 75	K2 85
ALLORA	17	36	69	DIMBULAH	46	94	173	MUNDUBBERA	14	33	83
ALPHA	7	24	57	DUARINGA	21	44	96	MURGON	22	40	81
ARCTURUS D'NS	14	28	66	DULACCA	8	24	39	MUTDAPILLY	12	31	80
ASHGROVE (DINGO)	18	35	77	EIDSVOLD	20	42	92	MUTTABURRA	4	15	41
AUGATHELLA	1	7	26	EMERALD	20	39	77	NAMBOUR	199	318	552
BALLANDEAN*	4	10	42	ETON	213	283	418	NANANGO	12	36	85
BANANA	6	26	79	EUMUNDI	215	316	499	NEBO	32	60	118
BAUHNIA D'NS	15	43	93	GATTON	25	49	110	NERANWOOD	234	330	522
BAUPLE	74	120	208	GAYDAH	17	47	111	OKAY	5	18	54
BEAUDESERT	56	103	191	GILIGULGUL	5	16	48	PALMWOODS	256	373	571
BEENLEIGH	112	180	287	GIN GIN	50	129	242	PENTLAND	30	59	105
BEERBURRUM*	166	268	421	GOODNA *x	40	86	180	PETRIE	89	159	277
BEERWAH	175	292	438	GOODWOOD	81	156	287	PITTSWORTH	6	24	60
BIDDESTON	4	17	47	GOONDIWINDI	6	17	50	PLEYSTOWE	277	392	611
BIGGENDEN	21	48	109	GRANDCHESTER	37	90	138	PROSERPINE	385	523	735
BILOELA	7	20	69	GROSVENER DNS*x	14	37	60	RATHDOWNEY	34	69	154
BLACKWATER	7	20	54	GUNDARY	1	7	24	RAVENSWOOD	36	72	139
BLENHEIM ST'N	10	28	67	GYMPIE	52	100	205	REEDY CREEK	33	69	113
BLUE MOUNTAIN	69	135	235	HARRISVILLE	26	58	132	RICHMOND	13	25	59
BOGAN TUNGAN	27	63	137	HAWKWOOD	27	52	94	ROCKHAMPTON	34	63	123
BOLLON	0	3	21	HELIDON	20	46	125	ROLLESTON	15	38	80
BOMBANDY	17	38	103	HOME HILL	127	190	258	ROMA	6	17	54
BOONAH	50	92	170	HOWARD	57	123	234	ROSEWOOD	37	87	176
BOOYAL	21	46	127	HUGHENDEN	5	17	58	SAMPFORD x	116	188	292
BOWEN	156	239	367	INGHAM	506	712	1033	SARINA	293	430	622
BRACKENBURGH	2	7	20	INGLEWOOD	8	19	53	SOUTHPORT	143	237	408
BUNDABERG	96	171	293	INJUNE	12	30	79	SPEEDWELL*	12	25	73
CABOOLTURE	155	225	348	IPSWICH	31	77	166	SPRINGBROOK	687	1096	1590
CAINBABLE	36	83	167	JANDOWAE	7	19	57	SPRINGSURE	16	35	79
CALEN	324	506	582	KAIRI	113	198	317	STANTHORPE	3	15	63
CALOUNDRA	188	308	467	KANDANGA	67	119	205	ST. AUBYN*	27	49	87
CAMBOOYA	8	22	61	KILCOY	59	112	187	ST. GEORGE	2	12	31
CANUNGRA	125	203	318	KILLARNEY	10	34	77	ST. LAWRENCE	74	132	225
CAPE CAP' CORN	36	70	130	KINGAROY	14	33	73	STRATHBOGIE	70	130	214
CAPELLA	7	21	56	KUMBIA	11	31	83	SURAT	7	20	55
CARDWELL	503	739	1037	KURABY	75	135	248	TALLEBUDGERA	193	300	484
CARMILA	242	316	525	KUTTABUL	354	465	743	TALWOOD	11	26	69
CARP' TARIAN DN	50	88	164	LADLEY	22	54	131	TARA	9	25	67
CASTLEHOPE	36	79	160	LK. MANCHESTER	40	83	163	TAROOM	12	26	81
CHARLEVILLE	2	13	48	LEYBURN	8	25	58	TERRICA*	2	12	40
CHARTERS T'RS	26	59	110	LOWOOD	30	64	135	TEXAS	3	12	38
CHILDERS	72	136	242	MACKAY	270	398	569	THANGOOL	9	24	61
CHINCHILLA	10	27	69	MALENY	47	461	711	THE HEAD	50	98	192
CHUDLEIGH PK	35	72	136	MAREEBA	70	134	230	THEODORE	7	24	66
CLERMONT	17	35	79	MARLBOROUGH	38	73	145	TOOGOO LAWAH	37	71	147
CLEVELAND	103	171	305	MARYBOROUGH	38	126	227	TOOFOOMBA	43	94	167
CLIFTON	5	16	50	MILES	12	29	80	TORRENS CK	10	27	64
CLONCURRY	16	34	78	MILLMERRAN	8	24	62	TOWNSVILLE	187	283	415
CLUMBER*	26	60	151	MIRIAM VALE	86	146	247	TULLY	1304	1829	2413
COLLINSVILLE	14	41	90	MITCHELL	6	15	47	ULCANBAH	27	50	115
CONDAMINE	6	17	55	MIVA	72	118	220	VALLEY LAGNS	30	55	120
COOROY	185	277	427	MONTO	9	27	66	WANDOAN	10	25	63
COOMRITH	5	14	42	MT. COOLON	10	33	86	WARRILL CK*	34	72	143
COOYAR	5	20	73	MT. COTTON	169	269	448	WARRINILLA	20	41	88
CORDALBA	57	102	155	MT. FOX *	153	270	458	WARWICK	9	27	75
CRACOW	9	28	77	MT. GLORIOUS	196	320	529	WATERLOO	117	174	283
CROWS NEST	28	58	129	MT. HOPE *	9	24	74	WESTWOOD	37	67	120
DALBY	4	16	58	MT. LINDESAY*	68	135	250	WINTON	6	13	27
DALRYMPLE HTS	484	626	849	MT. MCCONNELL	33	56	108	WOODFORD	201	295	454
DALVEEN	14	35	75	MT. MOFFAT*	12	39	89	WOODSTOCK	96	164	284
DAYBORO	144	216	350	MT. SURPRISE	86	135	224	YABBA STN	45	86	148
DINGO	19	37	77	MUCKADILLA	3	14	39	YEPPCOON	143	254	410

* Less than 30 years of records: Treat with caution
x Non-continuous record

Table 1.9 Summary of Runoffs (in mm) Calculated by U.S.D.A. Method from 30 years of daily rainfall records. Values shown are the runoffs which, in the long term, should be equalled or exceeded 2 out of 4 years i.e. 50% of the time.

14/11/2001

REQUESTED TO SUPPLY FOLLOWING ITEM
IN DEFENCE OF APPEAL

1. ANY DESIGN CHANGES (OR FORSEEABLE)

NOTE CONDITION 7 OF COUNCIL LETTER

2. SUPPORT CALCULATIONS FOR USDA MODEL

3. DESIGN CRITERIA FOR DAM CONSTRUCTION

Sent 12/18/01

9
9 November 2001.

Carvosso & Winship
P.O. Box 527
DALBY Qld 4405

Dear Sir,

Re: YOUR CLIENTS: [REDACTED]
Your Ref. GCS:KMB:0117146

I wish to advise that an agreement can be drawn up in the terms as written in your letter, with the alteration to clause 3 as follows:

3. The owner of Lot 62 will obtain an undertaking from any Purchaser of Lot 62 to enter into an agreement with the owner of Lot 29, containing terms similar to the terms of this agreement.

I look forward to hearing from you in due course.

Yours faithfully

[REDACTED]

Owner

Carvosso & Winship
SOLICITORS

Principal Office:- **DALBY**
Branch Office:- **BUDERIM**

Principals:
Malcolm C. Bougoure
Gary L. Hopkins LL.B.

Shane J. Mead LL.B
Glenn C. Shipway

Consultant:
Ross W. Walker

Our Ref: GCS:KMB:0117146

Your Ref:

Reply to:-

Dalby Office
2 Stuart Street,
(P.O. Box 527)
Dalby, Q. 4405
Telephone: (07) **4662 2033**
Facsimile: (07) **4662 1093**

17th October, 2001

[Redacted]
wamba
M. S. [Redacted]
CHINCHILLA QLD 4413

Dear Mr & Mrs Davis,

Re: Our Clients [Redacted]

We act on behalf of [Redacted] and their and son.

Our clients instruct us that they are the appellants in an appeal in relation to certain earth works to be constructed on your property. Our clients are the owners of the property described as Lot 29 on Crown Plan Dy80 and you are the owners of the adjoining property described as Lot 62 on Crown Plan Dy80. Our clients' appeal relates to construction of the catch drain which has approval to be constructed within three metres of the boundary of the two properties.

Our clients instruct us that, following discussions between the parties last Friday, you agreed not to construct the catch drain within 50 metre of the common boundary. Our clients require this agreement to be reduced to writing. They also have further requirements and have requested that we refer the matter to you for your consideration.

Our clients instruct us that they would like an agreement in the following terms:-

1. You will not construct a catch drain within 50 metres of the common boundary between lots 29 and 62;
2. Should your storage capacity be full and our clients' property be inundated, you will take immediate action to remedy the inundation and, within a reasonable time, take action to permanently avoid recurrence of the inundation; and
3. You will obtain an undertaking from any Purchaser of Lot 62 to enter into an agreement with our client containing terms similar to the terms of this agreement.

We are instructed that both parties are presently parties to an agreement in relation to the pipeline traversing our clients' property. That agreement protects your interests and is working well. Our clients are looking to have a written agreement put in place in respect of the catch drain to protect their interests.

Please advise if the agreement proposed by our clients is acceptable to you. You may care to refer the matter to your own Solicitor for his advice. If so, we await his response in due course.



CHINCHILLA SHIRE COUNCIL

In Reply Please Quote: PF2296 :EH:NB *A Vital Friendly Shire*

Your Ref:

08 November 2001

[REDACTED]
'Wamba'
MS [REDACTED]
CHINCHILLA Q 4413

ENTERED
IN INDEX

FAXED
8/11/01.

Dear Sir/Madam,

Re Levee Bank Permit – Appeals

Reference is made to my letter dated 13 September 2001, concerning the above appeals which have been set down for hearing on the 3 and 4 December 2001.

I wish to advise that the Department of Natural Resources have further advised that the appeals will be held in the Magistrates Court, Heeney Street Chinchilla commencing at 9.30am on 3 December 2001. Attached is a copy of the Departments notice and notices of hearing.

As advised in letter dated 13 September you will be a co-defendant in defending the application and decision and Council requires details on whether you will be appearing and details of any expert witnesses that would be available.

Council is required to notify the Department of witnesses and details of any reports from witnesses by 19 November 2001.

Council would have the Engineer's who prepared a report to Council appear at the hearing.

I will be going on leave on 16 November and as such you should make an appointment to discuss the approach to the hearings with the Engineer and myself.

I await your earliest response to the request for information to arrange the hearing and witnesses.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

\\Server1\Data\WP\DOC\Correspondence\08 nov.doc

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE



Natural Resources and Mines

Author [REDACTED]
File Number NRM/325/000(0397)
Directorate / Unit Water Management
Phone [REDACTED]

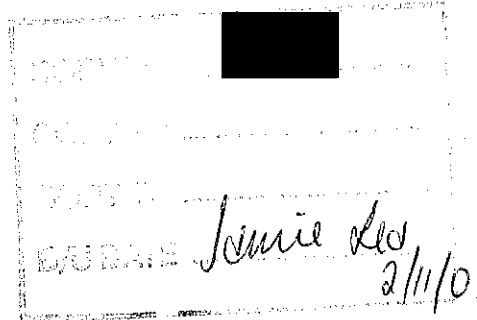
ENTERED
IN INDEX

PF 2296

Ch

30 October 2001

The Shire Engineer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



Dear [REDACTED]

RE: APPEAL UNDER LOCAL GOVERNMENT ACT 1993
[REDACTED] -v- CHINCHILLA SHIRE COUNCIL
[REDACTED] v- CHINCHILLA SHIRE COUNCIL

Reference is made to the above appeals against a decision of Chinchilla Shire Council concerning an application for a permit to authorise levee bank works made by [REDACTED]

Under the provisions of the *Local Government Act 1993*, the chief executive of the Department of Natural Resources and Mines, or the chief executive's delegate, is the appeal tribunal to hear and determine the appeal.

As advised recently by telephone, it is intended that both appeals will be heard together at 9:30am on Monday, 3rd, and Tuesday, 4th December 2001 at the Magistrates Court, Heeney Street, Chinchilla. Copies of the notices of hearing are attached.

It will be of assistance to the tribunal and the parties in expediting the progress of the hearing of the matter if the parties make pertinent information available for distribution prior to the hearing.

Accordingly you are requested to lodge the following information with the Chief Executive at the address provided below by Monday 19 November 2001:-

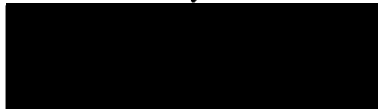
- a list of witnesses to be called to give evidence;
- copies (in triplicate) of reports from any expert witnesses.

Water Management & Use
Level 6 Mineral House
41 George Street
GPO Box 2454 Brisbane
Queensland 4001
Telephone 07 3224 7378
Facsimile 07 3406 2190
Website www.dnr.qld.gov.au

This information you submit will be then forwarded to the Appellants early in the week preceding the hearing, at which time information provided by the Appellants will also be forwarded to you.

Thank you for your cooperation in this matter.


Yours sincerely,



for **GENERAL MANAGER**
WATER MANAGEMENT AND USE

Att. (2)

cc.


Principal Officer
Toowoomba

NOTICE OF CASE COMING BEFORE APPEAL TRIBUNAL

FOR HEARING

Local Government Act 1993 (Section 942)

In the matter of an appeal by IV, EJ and IM Sperling against a decision of Chinchilla Shire Council to approve an application by CT and [REDACTED] the owner/occupiers of Lot 62 on Plan DY80 and Lot 1 on PR198000, Parish of Ewer, for a permit to authorise levee bank works.

IV, EJ and IM Sperling

Vs.

Chinchilla Shire Council

You are hereby notified that at the sittings of the Appeal Tribunal to be held at the **Chinchilla Magistrates Court, Heeney Street, Chinchilla** at **9:30am** on **Monday** and **Tuesday** the **3rd** and **4th** days of **December, 2001**. The above mentioned matter will be brought before the Tribunal, for hearing or otherwise, as may be ordered in that behalf.

Evidence you wish to give at the hearing of the above appeal should be prepared in a typed form or legible handwriting and available in triplicate (one for the appellants, one for the Council and one for the Tribunal).

The proceedings will be tape recorded and you may give verbal evidence in explanation (if necessary) of any matter contained in your typed or written statement of evidence.

It will assist the Tribunal in the expeditious conduct of its business if, prior to the hearing, any queries are directed to [REDACTED] on [REDACTED]

Signed at **Brisbane** this **30th** day of **October 2001**.

[REDACTED]
Appeal Tribunal

Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413

NOTICE OF CASE COMING BEFORE APPEAL TRIBUNAL

FOR HEARING

Local Government Act 1993 (Section 942)

In the matter of an appeal by [REDACTED] against a decision of Chinchilla Shire Council to approve an application by [REDACTED] the owner/occupiers of Lot 62 on Plan DY80 and Lot 1 on PR198000, Parish of Ewer, for a permit to authorise levee bank works.

[REDACTED]
Vs.

Chinchilla Shire Council

You are hereby notified that at the sittings of the Appeal Tribunal to be held at the **Chinchilla Magistrates Court, Heeney Street, Chinchilla** at **9:30am on Monday and Tuesday the 3rd and 4th days of December, 2001**. The above mentioned matter will be brought before the Tribunal, for hearing or otherwise, as may be ordered in that behalf.

Evidence you wish to give at the hearing of the above appeal should be prepared in a typed form or legible handwriting and available in triplicate (one for the appellants, one for the Council and one for the Tribunal).

The proceedings will be tape recorded and you may give verbal evidence in explanation (if necessary) of any matter contained in your typed or written statement of evidence.

It will assist the Tribunal in the expeditious conduct of its business if, prior to the hearing, any queries are directed to [REDACTED] on [REDACTED]

Signed at **Brisbane** this **30th** day of **October 2001**.

[REDACTED]
Appeal Tribunal

Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote: PF2296

A Vital Friendly Shire

Our Ref: EH:DJ

Your Ref:

13 September 2001

██████████
"Wamba"

MS ██████████

CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir/Madam

Re: Levee Bank Permit – Appeals

Reference is made to the Levee Bank Permit approved by Council subject to conditions for the construction of storages etc. on the land described as Lot 62 on Plan DY807, Parish of Ewer.

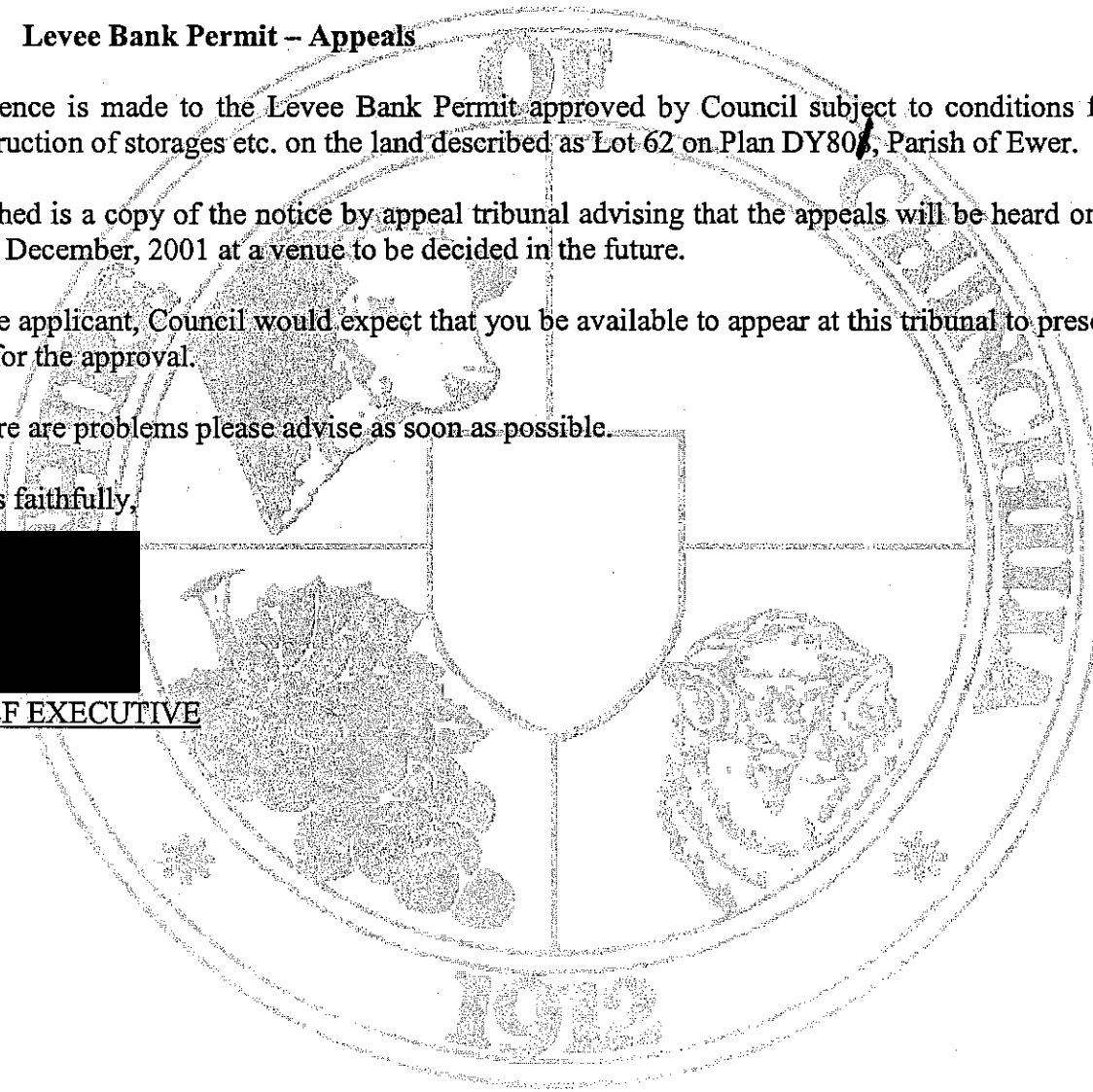
Attached is a copy of the notice by appeal tribunal advising that the appeals will be heard on the 3 and 4 December, 2001 at a venue to be decided in the future.

As the applicant, Council would expect that you be available to appear at this tribunal to present the case for the approval.

If there are problems please advise as soon as possible.

Yours faithfully,

██████████
CHIEF EXECUTIVE



PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF2296

Our Ref: EH:NB

Your Ref:

27 February 2001

ENTERED
IN INDEX

[REDACTED]
Water Management & Use
Department of Natural resources
GPO Box 2454
BRISBANE Q 4001

Dear [REDACTED]

Re: [REDACTED] - Section 942 Appeal

In response to your telephone conversation on 26 February 2001, attached are details on the file on the above appeal against a decision of Council for a Levee Bank Application.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

Local Government Act 1993

government.

Maximum penalty—50 penalty units.

(4) If a person convicted of an offence against subsection (3) continues to commit the offence, the person commits a continuing offence.

Maximum penalty—1 penalty unit for each day on which the offence is continued.

Division 3—Appeals

Appeal against local government's decision

942.(1) An appeal tribunal for hearing and deciding appeals against decisions of a local government on an application is formed by the chief executive of the department within which the *Water Resources Act 1989* is administered or that chief executive's delegate.

(2) A person aggrieved by a decision of a local government on an application may appeal to an appeal tribunal.

(3) The appeal must be started within 30 days after the person aggrieved is given written notice of the decision.

(4) The appeal is started by the person filing a notice of appeal with the chief executive mentioned in subsection (1) and giving a copy of the notice to the local government.

(5) As soon as practicable after the appeal is started, the chief executive officer of the local government must inform the chief executive mentioned in subsection (1) of the persons, other than the appellant, who made the application and who made submissions on the application.

(6) The person who is to form the appeal tribunal on the appeal must inform the appellant, the local government, and the persons mentioned in subsection (5) of the day, time and place for hearing of the appeal.

Decision on appeal

943.(1) An appeal tribunal may—

(a) dismiss an appeal and confirm the decision of the local

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF2296

A Vital Friendly Shire

Our Ref: EH:NB
Your Ref:

21 November 2000

[REDACTED]

"Wamba"

MS [REDACTED]

CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Permit Approval

Reference is made to your letter requesting Council to consider a variation to the purpose for the use of water from two (2) storages approved at the September Meeting of Council.

Council at the meeting held on 16 November 2000 resolved to obtain the advice of the Department of Natural Resources with regard to the use of overland water flow captured in storages.

Hopefully, this matter will be able to be resolved during the hearing of appeals process on Council's decision to issue a Levee Bank Permit.

Yours faithfully,

[REDACTED]

CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: ^{PF}2296/00000

Our Ref: PTS: PTS
Your Ref:

6 November 2000

[REDACTED]
"Wamba"
MS [REDACTED]
CHINCHILLA 4413

ENTERED
IN INDEX

Dear [REDACTED]

Re: Levee Bank Application - Lot 62 on DY80 and Lot 1 on [REDACTED]
Parish of Ewer

I refer to Councils letter dated 22 September 2000, advising of the approval of your application for the construction of two Earthen Dam Storages for Irrigation of Fodder Crops on the above allotments.

As mentioned in Councils letter, during the advertising period, Council was in receipt of two submissions from adjoining land holders.

I wish to advise that Council has received, from the Department of Natural Resources, notices of appeal lodged by [REDACTED] and [REDACTED] against Councils decision in respect to your application.

The appeals have been recorded for hearing and the Department of Natural Resources will be in contact with Council to arrange a suitable hearing date.

This advice is provided for you information.

If you have any further questions or require any clarification, please do not hesitate to contact this office.

Yours faithfully,

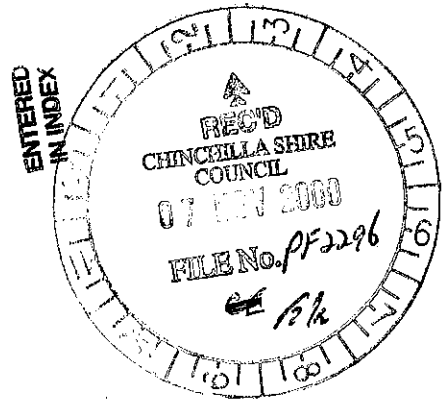
[REDACTED]
CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

M.S. [REDACTED]
CHINCHILLA Qld 4413

3 November 2000.

The Chief Executive Officer
Chinchilla Shire Council
P.O. Box 42
CHINCHILLA Qld 4413



Dear Sir,

Re: Levee Bank Application on Lot 62 Plan DY80 and Lot 1 [REDACTED] Parish of Ewer

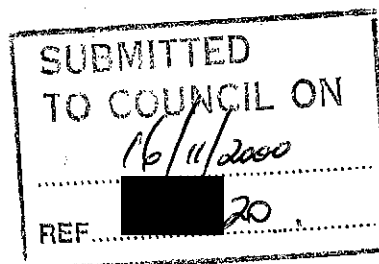
With reference to your correspondence PF 2296 dated 22 September 2000 grant approval for the construction of storages (65ML and 160ML) for the purpose of irrigation of fodder crops, we wish to apply to council for a variation to the purpose of use. We wish to use the storage for irrigation for fodder crops, intensive livestock, livestock and domestic purposes.

Thanking you for your consideration.

Yours faithfully,

[REDACTED]

Cc: - [REDACTED], FSA
- DNR Toowoomba



CHINCHILLA SHIRE COUNCIL

In Reply Please Quote:PF2296

A Vital Friendly Shire

Our Ref: AW:NB
Your Ref:

21 November 2000

The General Manager
Water Management & Use
Department of Natural Resources
GPO Box 2454
BRISBANE Q 4001

Dear Sir,

Re: Appeal: **Section 942 Local Government Act 1993**
[REDACTED] -v- Chinchilla Shire Council
[REDACTED] -v- Chinchilla Shire Council

Further to your letter dated 24 October 2000, I now enclose a copy of all relevant material in this matter for your attention as requested.

Please advise Council of any further requirements at any time.

Yours faithfully,

[REDACTED]

CHIEF EXECUTIVE

In Reply Please Quote: 2296/00000

Our Ref: PTS: PTS
Your Ref:

6 November 2000

[REDACTED]
"Wamba"
MS [REDACTED]
CHINCHILLA 4413

Dear [REDACTED]

Re: Levee Bank Application - Lot 62 on DY80 and Lot 1 on [REDACTED]
Parish of Ewer

I refer to Councils letter dated 22 September 2000, advising of the approval of your application for the construction of two Earthen Dam Storages for Irrigation of Fodder Crops on the above allotments.

As mentioned in Councils letter, during the advertising period, Council was in receipt of two submissions from adjoining land holders.

I wish to advise that Council has received, from the Department of Natural Resources, notices of appeal lodged by [REDACTED] and [REDACTED] against Councils decision in respect to your application.

The appeals have been recorded for hearing and the Department of Natural Resources will be in contact with Council to arrange a suitable hearing date.

This advice is provided for you information.

If you have any further questions or require any clarification, please do not hesitate to contact this office.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

24 October 2000

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



Dear Sir

APPEAL: SECTION 942 LOCAL GOVERNMENT ACT 1993
[REDACTED] - v - Chinchilla Shire Council

RECEIVED
INDEX
GENERAL

An appeal has been lodged by [REDACTED] against Council's decision in respect of an application by [REDACTED] for a permit for levee bank works on Lot 62 Plan DY80 and Lot 1 [REDACTED] Parish of Ewer.

The appeal has been recorded for hearing. You will be contacted in due course to arrange a suitable date for the hearing.

In order that the tribunal can be appropriately informed prior to the hearing, would you please forward details of the relevant application and decision, including copies of:

- the application made to Council;
- the public notice given in relation to the application;
- any objections lodged;
- Council's decision forwarded to the applicant and objectors;
- any technical or engineering reports relating to the application;
- a locality plan showing the land to which the application relates, the location of the proposed works, and the location of the objectors' lands;
- the notice of appeal given to Council by the appellant.

I would be pleased to receive this information at the earliest possible time. In the event that the decision that is the subject of this appeal is the same decision that is the subject of an appeal by R & H Flett, the submission of a single set of the above information will be satisfactory for the tribunal's requirements.

Yours sincerely

[REDACTED]

for **GENERAL MANAGER**
WATER MANAGEMENT AND USE



D E P A R T M E N T O F N A T U R A L R E S O U R C E S

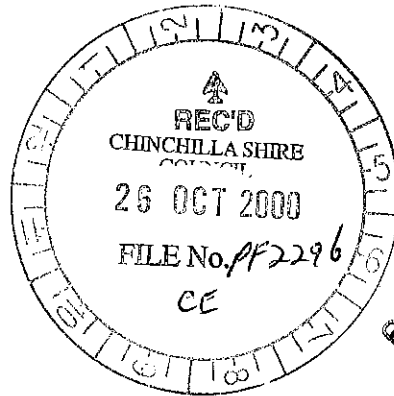
Enquiries to: Russ Robson Your Ref: Our Ref: NRM/225/000(296)
Mineral House, 41 George Street, Brisbane Q 4000
GPO Box 2454 Brisbane Q 4001
Telephone: (07) 3224 7378 Facsimile: (07) 3224 8359

QUEENSLAND
GOVERNMENT



24 October 2000

The Chief Executive Officer
Chinchilla Shire Council
PO Box 42
CHINCHILLA QLD 4413



ENTERED IN INDEX GENERAL

Dear Sir

APPEAL: SECTION 942 LOCAL GOVERNMENT ACT 1993
[redacted] v - Chinchilla Shire Council

An appeal has been lodged by [redacted] against Council's decision in respect of an application by [redacted] for a permit for levee bank works.

The appeal has been recorded for hearing. You will be contacted in due course to arrange a suitable date for the hearing.

In order that the tribunal can be appropriately informed prior to the hearing, would you please forward details of the relevant application and decision, including copies of:

- the application made to Council;
- the public notice given in relation to the application;
- any objections lodged;
- Council's decision forwarded to the applicant and objectors;
- any technical or engineering reports relating to the application;
- a locality plan showing the land to which the application relates, the location of the proposed works, and the location of the objectors' lands;
- the notice of appeal given to Council by the appellant.

I would be pleased to receive this information at the earliest possible time. In the event that the decision that is the subject of this appeal is the same decision that is the subject of an appeal by [redacted] the submission of a single set of the above information will be satisfactory for the tribunal's requirements.

Yours sincerely

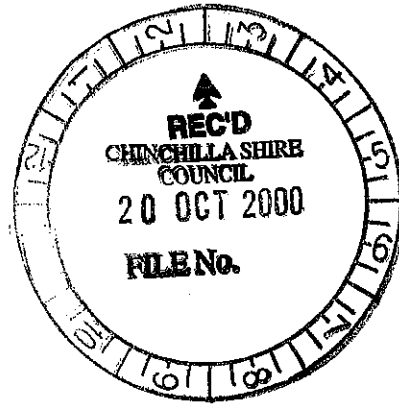
[redacted signature]

for **GENERAL MANAGER**
WATER MANAGEMENT AND USE



DEPARTMENT OF NATURAL RESOURCES

Enquiries to Russ Robson Your Ref: Our Ref: NRM/325/000()
Mineral House, 41 George Street, Brisbane Q 4000
GPO Box 2454 Brisbane Q 4001
Telephone: (07) 3224 7378 Facsimile: (07) 3224 8359



[Redacted]

KILDARE
 PO BOX [Redacted]
 CHINCHILLA, QLD 4413
 Phone number - [Redacted]
 Fax number - ([Redacted])

Send to: Chinchilla Shire Council	From: Elaine Sperling
Attention: [Redacted]	Date: 20/10/2000
Office location: Chinchilla	Office location: Chinchilla
Fax number [Redacted]	Phone number: [Redacted]

Urgent
 Reply ASAP
 Please comment
 Please review
 For your information

Total pages, including cover: 3 Comments:

Dear [Redacted]

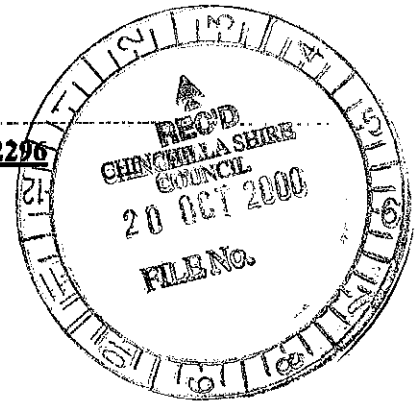
Please find attached information concerning our objection to proposed earthworks in our area.

Yours faithfully

[Redacted]

[REDACTED]
"KILDARE"
PO BOX [REDACTED]
CHINCHILLA QLD 4413
PHONE [REDACTED]
FAX - [REDACTED]

PF2296



October 20, 2000

CHIEF EXECUTIVE OFFICER

[REDACTED]
PO BOX 42
CHINCHILLA QLD 4413

Re - Construction of Earth Dam for the irrigation of fodder crops

APPLICANT:

[REDACTED]
Wamba
MS [REDACTED]
Chinchilla QLD 4413

PROPERTY DESCRIPTION: Lot 62 on Plan [REDACTED]
Lot 1 on [REDACTED]
Parish of Ewer

Dear [REDACTED]

Please find attached a copy of the letter of objection to the above stated earthworks. This is a copy of the letter forwarded to the Department of Natural Resources, Toowoomba. [REDACTED] of the Department of Natural Resources instructed us we were to notify you of our objection.

To quote from our letter to The Department of Natural Resources, "In viewing the original plans by [REDACTED] it was noted that the catch drain for storage No. 2 had no distance indicated from our boundary. Considering this drain will carry huge quantities of water we object to the minimum 3 metres council policy. We feel that 3metres is totally inadequate and would suggest a distance of 50metres be implemented to prevent inundation of our property." We are appealing against the local government's decision to give approval to the above mentioned earthworks because we are not satisfied with its ruling on clause [5]. Our objection is as quoted above.

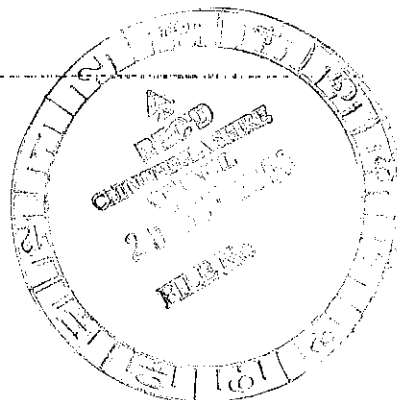
Thankyou once again for you interest in this matter.

Yours faithfully

[REDACTED]

[Redacted]

"KILDARE"
PO BOX [Redacted]
CHINCHILLA QLD 4413
Phone - [Redacted]
Fax - (0 [Redacted])



October 20, 2000

CHIEF EXECUTIVE OFFICER
Department Of Natural Resources
PO BOX 318
TOOWOOMBA QLD 4350

Re-Levee Bank Application

APPLICANT: [Redacted]
Wamba
MS [Redacted]
Chinchilla QLD 4413

PROPERTY DESCRIPTION: Lot 62 on Plan [Redacted]
Lot 1 on PF [Redacted]
Parish of Ewer

Dear Sir/Madam,

We are writing with reference to letter received from Chinchilla Shire Council PF2296.

In the Shire Council's letter of approval subject to certain conditions being fulfilled, Clause 5 states all drains and banks are to be constructed a minimum of 3 metres from the property boundary.

In viewing the original plans by [Redacted] it was noted that the catch drain for storage No. 2 had no distance indicated from our boundary. Considering this drain will carry huge quantities of water we object to the minimum 3 metre council policy. We feel that 3 metres is totally inadequate and would suggest a distance of 50 metres be implemented to prevent inundation of our property.

Yours sincerely,

[Redacted signature block]

"Ver [redacted]"
M/S [redacted]
CHINCHILLA 4413

17th October 2000

[redacted]
Chief Executive
Chinchilla Shire Council
P O Box 42
CHINCHILLA 4413

Dear [redacted]

RE: LEVEE BANK APPLICATION - [redacted]

We do not agree with the Council's decision to approve construction of the above application and wish to make a formal appeal.

The proposed storages will interfere with our water rights, that is, the reliability of the stock and domestic water supply for our farm. We feel that if they stored 230ml of water from gully flow, dams downstream in our place would only receive a flow of water in a time of very heavy rain eg. flood. This will mean much less available water for our stock and garden. We have a bore available which doesn't have the capacity to water many cattle and the water is unsuitable for domestic use.

Clause (ix) will definitely not work as in a water shortage their dams would empty before ours. They would use storage water before using water from the Condamine River and Wambo Creek which have to be pumped long distances. We feel they will use all of their dam water first and not keep any in reserve for drought supply to their farm or ours.

The agreement sounds feasible in theory but can't see it working in practice. The applicants have continually broken their licence agreement for their Piggery and Feedlot, of which we're sure you're well aware, so how do you expect them to abide by another agreement. Because of this, this clause should be settled before a licence is given and not prior to commencement of construction.

Who is responsible to see an agreement is kept and abided to? Is the Chinchilla Shire Council or DNR responsible for making sure both parties keep to the agreement or does the whole responsibility fall on the two neighbours? What happens if one party breaks the agreement or twists wording to suit themselves? We would like these questions answered before we consider signing any agreement.

We feel this construction should not be allowed to proceed as we require a fair share of the water for cattle and domestic uses and they want it for irrigation purposes.

We look forward to hearing from you regarding this issue.

Yours faithfully

[redacted signature block]

ENTERED
IN INDEX



"Verland"
M/S [REDACTED]
CHINCHILLA 4413

17th October 2000

[REDACTED]
Chief Executive
Chinchilla Shire Council
P O Box 42
CHINCHILLA 4413

Dear [REDACTED]

RE: LEVEE BANK APPLICATION - [REDACTED]

We do not agree with the Council's decision to approve construction of the above application and wish to make a formal appeal.

The proposed storages will interfere with our water rights, that is, the reliability of the stock and domestic water supply for our farm. We feel that if they stored 230ml of water from gully flow, dams downstream in our place would only receive a flow of water in a time of very heavy rain eg. flood. This will mean much less available water for our stock and garden. We have a bore available which doesn't have the capacity to water many cattle and the water is unsuitable for domestic use.

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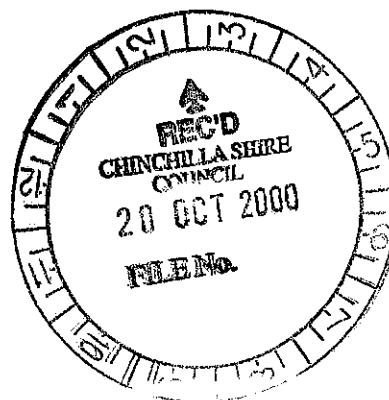
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We feel this construction should not be allowed to proceed as we require a fair share of the water for cattle and domestic uses and they want it for irrigation purposes.

We look forward to hearing from you regarding this issue.

Yours faithfully

[REDACTED]



CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF2296

Our Ref: EH:NB

Your Ref:

22 September 2000

«Name»
«property»
«address»
«town»

Dear Sir/Madam,

Re: Levee Bank Application - [REDACTED]

Reference is made to your submission lodged during the advertising period of an application by CT [REDACTED] for approval to construct two (2) Earthen Dam Storages for Irrigation of Fodder Crops on land described as Lot 62 on [REDACTED] and Lot 1 on [REDACTED] Parish of Ewer.

I wish to advise that the application was considered by Council at the general meeting held on 21 September 2000, and that approval in accordance with Section 937 of the Local Government Act and Council's Local Law No 42 - Levee Banks was granted for the construction of storages (65ML and 160ML) as per plans submitted for the purpose of irrigation of fodder crops subject to the following conditions:-

- i) That approval be granted on the works for a period of two (2) years, with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- ii) Construction of the works shall commence within twelve (12) months of the date of fulfilment of conditions and be completed within two (2) years of that date.
- iii) That the construction of the works on the allotment be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- iv) That the applicant be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on Lot 62 [REDACTED] and Lot 1 [REDACTED] and any adjoining lot affected by the structures.
- v) All earthworks for drains and banks are to be constructed a minimum of 3 metres from the property boundary in accordance with Council policy.
- vi) Catch drain and bank plans shall be modified in their location and shall be constructed so as to not cause any catchment relocation, which is currently detailed to occur on [REDACTED]
[REDACTED]

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE OFFICER
[REDACTED] correspondence22sepmerge.doc

- vii) The by-wash height of Storage Area 2 shall be lowered by an initial 200mm to increase the distance of inundation area away from the upstream property boundary. Should the inundation area encompass any of the adjoining land at any time, except during or in a reasonable time after an event, then the by-wash shall be lowered to remove this inundation occurring.
- viii) The applicant is to lodge a farm management plan with Council, that would allow for the storage of waters to contain the first 25mm of run-off water, if chemical are to be used.
- ix) Prior to commencement of construction, the applicant shall formalise an agreement acceptable to the owner of Lot 1 on RP [REDACTED] Lots 1 and 2 on RP [REDACTED] and Lot 89 on Plan [REDACTED] for the provision of water supply from the structures for stock and domestic purposes in times of shortage of waters in the catchment. The cost of the agreement shall be on a shared cost basis.
- x) The draft Condamine-Balonne Water Allocation & Management Plan which was released by the Queensland Government on the 14 June 2000 has indicated that new storage and diversion works including extensions and increase in diversion rates, based on overland flow, will have a lower priority in receiving a water share. Works not started before this date are at risk of not being recognised and therefore you may not be allowed to capture water in the event that the State Government feels it is necessary to exercise controls. Accordingly, it would be unwise to proceed with further development at this time. If you have any concerns about your situation you should contact the Department of Natural Resources in Toowoomba on [REDACTED]
- xi) The Department of Natural Resources formal advice that the projects are not required to be licensed under the Water Act shall be obtained prior to commencement of construction.

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993, a copy of which is attached.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

Name	property	address	town
	"Kildare"		CHINCHILLA Q 4413
	"Verland"		CHINCHILLA Q 4413

government.

Maximum penalty—50 penalty units.

(4) If a person convicted of an offence against subsection (3) continues to commit the offence, the person commits a continuing offence.

Maximum penalty—1 penalty unit for each day on which the offence is continued.

Division 3—Appeals

Appeal against local government's decision

942.(1) An appeal tribunal for hearing and deciding appeals against decisions of a local government on an application is formed by the chief executive of the department within which the *Water Resources Act 1989* is administered or that chief executive's delegate.

(2) A person aggrieved by a decision of a local government on an application may appeal to an appeal tribunal.

(3) The appeal must be started within 30 days after the person aggrieved is given written notice of the decision.

(4) The appeal is started by the person filing a notice of appeal with the chief executive mentioned in subsection (1) and giving a copy of the notice to the local government.

(5) As soon as practicable after the appeal is started, the chief executive officer of the local government must inform the chief executive mentioned in subsection (1) of the persons, other than the appellant, who made the application and who made submissions on the application.

(6) The person who is to form the appeal tribunal on the appeal must inform the appellant, the local government, and the persons mentioned in subsection (5) of the day, time and place for hearing of the appeal.

Decision on appeal

943.(1) An appeal tribunal may—

(a) dismiss an appeal and confirm the decision of the local

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: P F2896

Our Ref: RF:NB
Your Ref:

2 August 2000

Executive Director
Department of Natural Resources
PO Box 318
TOOWOOMBA Q 4350

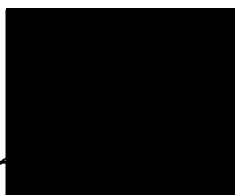
Dear Sir/Madam,

Re: **Levee Bank Application**

Lot [REDACTED] & Lot 1 RP [REDACTED] Chinchilla

Please find attached a levee bank application relative to the above project. According to a letter dated 20 July 2000, this application falls within the maximum flood heights of the Condamine River and as such is to be addressed under the Water Resources Act 1989.

Yours faithfully,



CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

In Reply Please Quote: PF2296 *A Vital Friendly Shire*

Our Ref: RF:NB
Your Ref:

2 August 2000


MS 
CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Application
Lot  & Lot 1  Chinchilla

We wish to advise that on advice received from the Department of Natural Resources in letter dated 20 July 2000, a B/C copy which was forwarded to you, the above levee bank application falls within the maximum flood heights of the Condamine River and as such will now be addressed under the Water Resources Act 1989.

You should contact the Department of natural resources with regard to requirements associated with the licensing of the proposed structure.

Following on from a final determination, Council will consider what action is required by Council and the possibility of a refund of a portion of the application fee if the Department of Natural Resources approves with licensing.

Yours faithfully,


CHIEF EXECUTIVE

Levee Bank Application - C Davis

21/9/00

Applicant: [REDACTED]

Land Description: Lot 62 on [REDACTED] and Lot 1 on [REDACTED] Parish of Ewer, Chinchilla

Land Owner: [REDACTED]

Tenure of Land: Freehold, Rural C

Nature of Work: Construction of two storages.

Purpose of Work: Irrigation of fodder crops.

Permit Required: Not advised in the application.

Advertising: The application is due to be advertised on 1 June 2000 and 8 June 2000 in accordance with Section 938 (2)(b) of the Local Government Act 1993, calling for support or objections for the proposal closing with Council on 30 June 2000.

Support or Objections :

Council is in receipt of two (2) objections to this proposal as detailed below.

[REDACTED]

The objection is on the following grounds;

1. "Going by these figures", as submitted by the applicant, "in low or even average rainfall years we will gain no water flow from this gully that the proposed dams are to be constructed on. Also when talking of overland flows you must realise the proposed dams could be filled more than once in one year if it rained late in the season and the original water was used."
2. "Also with the past experience with our neighbours there is no concern on their part as to what they allow to flow down the gully - effluent, chemicals, etc"
3. "If the walls were to fail, our small dams and buildings could be damaged"

Whilst not objecting, the submitter has advised that at the moment they have over 600 head of cattle relying mainly on this water supply and also proposing to expand to 250 head feedlot as well. The water is also used domestically for gardens and toilet. [REDACTED] have also advised that a lot of water entering Davis's farm is from their farm upstream, so they feel entitled to a share of the water.

Finally, they would like to see the Engineer who designed the dam to give a written report to Chinchilla Shire Council at the end to verify that everything was built according to his final plans.

Storage Area 2 – 160ML

This storage will be situated approximately 750m upstream of storage 1. Catchment of this storage is expected to be relatively shallow and will have a large surface area relative to its volume. Embankment height is to be approximately 3m high.

Water will be released from this storage to the lower area 1 as regularly as possible to avoid evaporation issues.

By wash construction will be similar to those in storage area 1. Catchment yield is calculated as 170ML in 50% of years.

Consideration

The following were items discussed during the on-site meeting held with the landowner on the 7 September 2000.

1. Catch drain arrangements to the western side of the storage areas were discussed to ensure no catchment diversion occurs as a result of the works, Council also clarified the meaning of catchment diversion with the applicant. It was determined that catchment diversion had been detailed and modification to his construction would be carried to ensure no diversion occurred, in particular from Lot 1 RP 198000.
2. Lack of details on the plan, indicating provision of a sump or protection arrangement between the existing feedlots and existing drainage channels. Visual inspection of the property has realised the location of both a levee around the upstream side of the feedlot and subsequent settling ponds to the downstream side of the feedlot. During the inspection it was noted that the settling ponds were in reasonable condition with sufficient storage to protect the waterways from contamination.
3. Timeframes involved in construction of the works the application indicated that while storage area 1 would be constructed almost immediately, storage area 2 may not be constructed until sometime in the future. The applicant was advised of Council's policy of allowing two (2) years in which to complete the works, and if these timeframe were exceed a subsequent new application would be required.
4. Lack of topographic information received with the application to fully assess the backup of water in storage area relative to the property boundary. In response to the lack of details, the applicants' consultant provided a peg line indicating the full supply level of the dam. These pegs were located some 2 to 3 metres from the property boundary in two locations. One of these regions is currently under crop, whilst the other location which is closer to the property boundary, is located in an area currently unsuitable for cropping.

It should be mentioned the pegs located on site showed the full supply level for storage area 2 prior to by-wash operations. It was advised that the by-washes were designed for a 1 in 100 year event running at 0.5m deep. This is to say, it is expected water may backup onto the neighbours land for a relatively short period of time whilst the storage exceeds its full supply level the storage is by-washing.

Comments on [REDACTED] Objections:

1. This objection is on the ground of water sharing arrangements to which Council has no policy in place and therefore will not be discussed further.
2. This objection relates to two issues, which will be dealt with separately:

- 4 Councils' current policy stipulates works are to be carried out within a minimum of 3 metres from any property boundary, subject to assessment of individual applications. This minimum dimension could be re-stipulated in the approval conditions.
- 5 Earthworks involved with the construction of banks associated with storage area 2 appear to be some 400 metres from the boundary, whilst the drain appears relatively close to the boundary. As already stated above, Council could stipulate that works shall be in line with its current policy of a minimum of 3 metres from the boundary.

This objection also relates to possible erosion on their property as a result of this structure. It must be mentioned that the structure is to be located downstream of the objector and therefore erosion, as a result of the structure is difficult to comprehend. Erosion may occur if the by-washes are constructed with insufficient capacity, and as a consequence the water in the storage dropped suddenly after the event leading to flow velocities exceeding their critical scour velocities.

Recommendations

Council could consider the approval of the proposed scheme incorporating the two storage areas (65ML & 160ML) as submitted by [redacted] on land described as lot 62 DY 80 & Lot 1 RP 198000, Parish of Ewer, ^{FOR THE CONSTRUCTION OF TRODDONIC WORKS} subject to the following

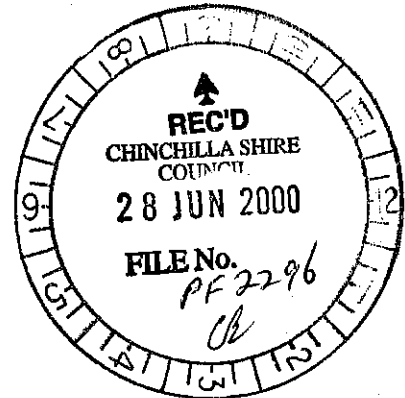
- 1. Construction of the works shall commence within twelve (12) months of the date of the fulfilment of conditions and be completed within two (2) years of that date.
- 2. That the constructions of the works on the allotment be in accordance with sound engineering guidelines. The agricultural practises on the land shall be in accordance with industry best practices guidelines.
- 3. That the applicant be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on lot [redacted] and lot 1 [redacted] and any adjoining lots affected by the structure.
- 4. That approval be granted on the works for a period of two (2) years with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- 5. All earthworks for drains and banks are to be constructed a minimum of 3 metres from the property boundary in accordance with Council policy.
- 6. Catch drain and banks shall be modified in their location and construction so as to not cause any catchment relocation, which is currently detailed to occur on Lot [redacted]
- 7. The by-wash height of storage area 2 shall be lowered by initial 200mm to increase the distance of inundation area away from the upstream property boundary. Should the inundation area encompass any of the adjoining land at any time, except during or in a reasonable time after an event, then the by-wash shall be lowered to remove this inundation occurring.
- 8. The applicant is to lodge a farm management plan with Council, that would allow for the storage of waters to contain the first 25mm of run-off water, if chemical are to be used.



██████████
"KILDARE"
PO BOX ██████████
CHINCHILLA QLD 4413
██████████

June 27, 2000

CHIEF EXECUTIVE OFFICER
██████████
PO BOX 42
CHINCHILLA QLD 4413



Re - Construction of Earth Dam for the irrigation of fodder crops

APPLICANT:

██████████
Wamba
MS ██████████
Chinchilla QLD 4413

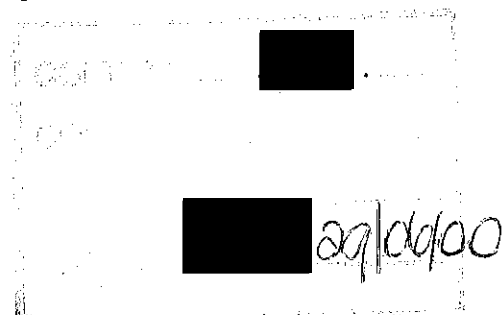
PROPERTY DESCRIPTION: Lot 62 on ██████████
Lot 1 on ██████████
Parish of Ewer

Dear ██████████

We are objecting to the above mentioned proposal to construct an earth dam on the above described property of ██████████. Our property is Lot 29 ██████████ Parish of Ewer. We are situated on the Northern side of ██████████

Our objections are as follows:

1. The water held in Storage 2 will impede the free flow of water from our property in times of heavy or extended rainfall. This will lead to damage to soil structure and crops which are growing.
2. In the application presented, Clause 8 is not addressed and we are concerned that the water held in proposed Storage 2, may cause injury to our land. This damage could arise through the backing up of water onto our property. This will also result in slow drainage of water from our property once Storage 2 is full.
3. When we viewed the application details, it appears to us that when Storage 2 is filled, water could be backed up onto our property. This will cause ponding. Even when the water does not pond on our property, it is so close to the boundary, it will cause soakage.

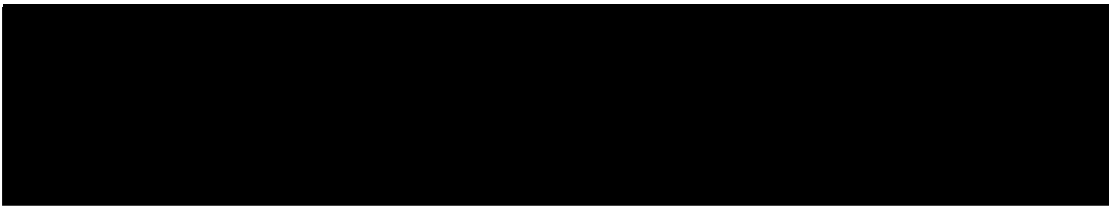


4. The Catch drain which services Storage 2 finishes in close proximity to our boundary which will result in large bodies of water backing onto our property when Storage 2 is full. There are no specifications on the application regarding the distance from the boundary to the drain.

5. We strongly object to any form of earthworks (soil removal, levy banks, drains or head ditches) being carried out within 50 metres of our boundary. Any such works would severely affect our property by leading to erosion.

We are concerned that the levels presented in the proposal are not detailed and extensive enough.

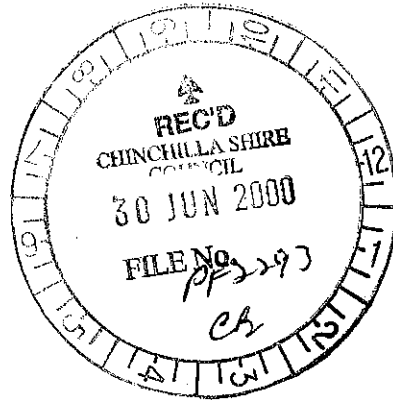
Yours sincerely,



"Verland"
M/S [REDACTED]
CHINCHILLA 4413

28th June 2000

[REDACTED]
Chief Executive
Chinchilla Shire Council
P O Box 42
CHINCHILLA 4413



Dear [REDACTED]

RE CONSTRUCTION OF BANKS AND DAMS ON [REDACTED] PROPERTY

We're writing to object to the proposed dams of [REDACTED]

Our main concern is one paragraph in the proposed plan which is worded as follows:

Dam 1 Capacity is 65 megalitres
Dam 2 Capacity is 160 megalitres

An analysis of the catchments using the U.S.D.A. runoff model for small catchments and 30 years of rainfall records for Chinchilla has indicated that in 50% of years runoff from Catchment No. 1 will equal or exceed 95 megalitres while in 3 out of 4 years(75%) runoff will equal or exceed 27 megalitres. The analysis of the upper catchment area has indicated that in 50% of years runoff from this catchment will equal or exceed 170 megalitres while in 3 out of 4 years(75%) runoff will equal or exceed 44 megalitres.

Going by these figures in low or even average rainfall years we will gain no water flow from this gully that the proposed dams are to be constructed on. Also when talking of overland flows you must realize the proposed dams could be filled more than once in one year if it rained late in the season and the original water was used. Also with the past experience with our neighbours there is no concern on their part as to what they allow to flow down the gully - effluent, chemical etc.

At the moment we have over 600 head of cattle relying mainly on this water supply and we propose a 250 head feedlot as well. This water is also used domestically for garden and toilet. Also a lot of water coming into Davis's farm is actually from our farm and we feel we are entitled to our share.

Another concern is if the walls were to fail, our small dams and buildings could be damaged.

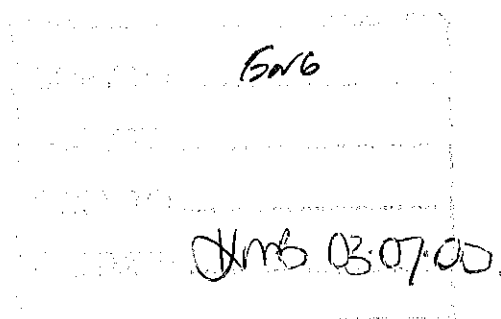
We would like to see the engineer who designed the dams to give a written report to Chinchilla Shire Council at the end to verify that everything was built according to his final plans.

We have no objection against irrigation but we would be happy with the neighbour building a smaller capacity dam so that we might receive a greater share of overland flows.

Yours faithfully

[REDACTED]

FOR [REDACTED]



CHINCHILLA SHIRE COUNCIL

CONSTRUCTION OF BANKS

Notice is hereby given that the undermentioned application for a licence under the provision of section 937 of the Local Government Act 1993 has been made to Council.

Applicant: [REDACTED] Wamba MS [REDACTED] Chinchilla Q 4413

The owner of Lot [REDACTED] on Plan [REDACTED] and Lot 1 of [REDACTED] Parish of ~~Chinchilla~~ ^{ENGR.}

Proposed Works: Construction of Earth Dam for the irrigation of fodder crops.

A person being the owner or occupier of land likely to be affected by Licensing of the work may, in writing signed by them and addressed to the Chief Executive, Chinchilla Shire Council, object to such Licence being granted and the facts and circumstances relied on by the objector in support of the objection.

The application and plans are open to inspection at the Council Office and the last day appointed for the receipt of objections is 30 June, 2000.

[REDACTED]
CHIEF EXECUTIVE

PO Box [REDACTED]
CHINCHILLA Q 4413

Chinchilla News – Thursday, 1 June, 2000
Chinchilla News – Thursday, 8 June, 2000

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote: PF 2296

Our Ref: EH:NB

Your Ref:

22 September 2000

46654176

ENTERED
IN INDEX

M/S

CHINCHILLA Q 4413

Dear Sir/Madam,

Re: Levee Bank Application

Reference is made to your application for approval for the construction of two (2) Earthen Dam Storages for Irrigation of Fodder Crops on land described as Lot 62 on Plan DY80 and Lot 1 on RP198000, Parish of Ewer.

I wish to advise that the application was considered by Council at the general meeting held on 21 September 2000, and that approval in accordance with Section 937 of the Local Government Act and Council's Local Law No 42 - Levee Banks was granted for the construction of storages (65ML and 160ML) as per plans submitted for the purpose of irrigation of fodder crops subject to the following conditions:-

- i) That approval be granted on the works for a period of two (2) years, with provision to renew the approval for a period to be determined by Council, at that time, provided that there are no problems arising as a result of the works.
- ii) Construction of the works shall commence within twelve (12) months of the date of fulfilment of conditions and be completed within two (2) years of that date.
- iii) That the construction of the works on the allotment be in accordance with sound engineering guidelines. The agricultural practices on the land shall also be in accordance with industry best practice guidelines.
- iv) That the applicant be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on Lot [REDACTED] and Lot 1 [REDACTED] and any adjoining lot affected by the structures.
- v) All earthworks for drains and banks are to be constructed a minimum of 3 metres from the property boundary in accordance with Council policy.
- vi) Catch drain and bank plans shall be modified in their location and shall be constructed so as to not cause any catchment relocation, which is currently detailed to occur on Lot 1 RP [REDACTED]

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

- vii) The by-wash height of Storage Area 2 shall be lowered by an initial 200mm to increase the distance of inundation area away from the upstream property boundary. Should the inundation area encompass any of the adjoining land at any time, except during or in a reasonable time after an event, then the by-wash shall be lowered to remove this inundation occurring.
- viii) The applicant is to lodge a farm management plan with Council, that would allow for the storage of waters to contain the first 25mm of run-off water, if chemical are to be used.
- ix) Prior to commencement of construction, the applicant shall formalise an agreement acceptable to the owner of Lot 1 on [REDACTED] Lots 1 and 2 on [REDACTED] and Lot 89 on Plan [REDACTED] for the provision of water supply from the structures for stock and domestic purposes in times of shortage of waters in the catchment. The cost of the agreement shall be on a shared cost basis.
- x) The draft Condamine-Balonne Water Allocation & Management Plan which was released by the Queensland Government on the 14 June 2000 has indicated that new storage and diversion works including extensions and increase in diversion rates, based on overland flow, will have a lower priority in receiving a water share. Works not started before this date are at risk of not being recognised and therefore you may not be allowed to capture water in the event that the State Government feels it is necessary to exercise controls. Accordingly, it would be unwise to proceed with further development at this time. If you have any concerns about your situation you should contact the Department of Natural Resources in Toowoomba on [REDACTED]
- xi) The Department of Natural Resources formal advice that the projects are not required to be licensed under the Water Act shall be obtained prior to commencement of construction.

During the advertising period Council was in receipt of two (2) submissions from adjoining land holders as follows:-

- i) [REDACTED]
"Kildare"
PO Box [REDACTED]
CHINCHILLA Q 4413
- ii) [REDACTED]
"Verland"
M/S [REDACTED]
CHINCHILLA Q 4413

Should you not agree with Council's decision you have the right of appeal in accordance with Section 942 of the Local Government Act 1993, a copy of which is attached.

Yours faithfully, BC Department of Primary Industries
PO Box 102
TOOWOOMBA Q 4350

[REDACTED]
BC Department of Natural Resources
PO Box 318
TOOWOOMBA Q 4350

For your information.

For your information.
BC
.....
CHIEF EXECUTIVE

[REDACTED]
Department of Natural Resource
PO Box [REDACTED]
CHINCHILLA Q 413

For your information.
[REDACTED]
.....
CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [REDACTED] of [REDACTED] in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.


- (1) Name of Applicant [REDACTED]
- (2) Postal Address [REDACTED] CHINCHILLA Q 4413
- (3) Location of work (see also 10) Country DERRY Parish EWING
Real Property Description [REDACTED]
Area 423.5 ha
- (4) Nature of Works CONSTRUCTION OF EARTH DAM FOR IRRIGATION OF FODDER CROPS.
- (5) Purpose of Work AS ABOVE.

(6) Particulars of Work (if levee bank) -	STORAGE 1	STORAGE 2
(a) Total length of levee bank	264 metres	570m
(b) Maximum height	3.6 metres	3.0
(c) Width of top	4 metres	4.0
(d) Width of base	25.6 metres	22.0
(e) Materials of which bank will be constructed	COMPACTED EARTH & CLAY FILL	

- (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? N/A
- (g) Height of top of bank above highest known flood level N/A
- (7) Particulars of work (if drain or other excavation) N/A
 - (a) Total length metres
 - (b) Maximum depth metres
 - (c) Width of top metres
 - (d) Width at base metres
 - (e) State nature of soil at site

- (8) Provision for preventing injury to other land arising from proposed work
- (9) Period for which permit is required
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date 16/5/00 Signature of Applicant 

Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.
- (5) **Applicants agree to pay the follow fees:-**

- | | | |
|----|---|-----------------|
| a) | Application fee for works less than \$2000 in cost including advertising. | \$117 |
| b) | Application fee for works in excess of \$2000 in cost including advertising. | \$500 |
| c) | Projects that require Engineering Consultants Reports which will include (b) above. | Consultant Fees |

Date 16 May 2000

Signature of Applicant ... 

GUIDE FOR THE LODGEMENT OF A LEVEE BANK APPLICATION FORM

The following information is shown to indicate the minimum requirements upon which the application may be based. The supply of more detailed information additional to this guide may assist in expediting the assessment process.

- i) Suitably Engineered design plan, with the following information to be shown;
 - Details of the proposed development to be located on an overall site plan at a scale of 1:10,000.
 - Topographic plan of the application showing a minimum of the following details:
 - Current contour on the property, shown legibly with height profiles.
 - Current overland flow paths, for identification of catchment area; the application should detail how it will deal with natural floodplain flows once structures are full to capacity;
 - **A sketch of the catchment boundaries on adjacent properties affected by the proposal**
 - Clear indication of the size of the storage structures and their relationship with the proposal (both written and drawn); including:
 - Capacity of the systems
 - **Location and size** of any pumps proposed or currently existing (including relevant licences)
 - Sizing calculation for Sumps
 - Bywash characteristics:
 - Erosion control measures
 - Indication on how bywash will return water to natural waterway within the applicant's property, except where alterations are accepted by the community and are technically and environmentally sound.
 - Suitably scaled and detailed cross section of all structures and how they relate to natural land profiles and their relation to the following:
 - Natural waterways
 - Road reserves and current infrastructure
 - **Boundary clearances – head ditches/tail drains, bywash minimum 3 metres, ring tanks,(structures and situations will determine actual distance from boundary)– minimum 10 metres**
 - Buildings
 - Vegetation regions
- ii) Written report detailing the above requirements, including the full intent of the enterprise, impact on adjacent landowners, including details on notification of the works proposed to adjacent landowners, regardless of perceived impact.
- iii) Basic analysis of existing soil structures, and how these relate to water handling structures.
- iv) Should the application cause increases in flood flows, heights and velocities, it should be detailed in the application how these changes will be accommodated through the proposal.
- v) Detail fully how the system, in particular the recycle system, handles first run-off to a minimum of the middle requirement under Best Management Practices of the enterprise (**Cotton industry retain first 25mm**).
- vi) Integration or interrelationship of the proposed plans to the whole property irrigation (if others exist on the property).
- vii) Catchment estimation, including how the proposal will handle relevant storm event, eg. 1 in **10 Year Average Recurrence Intervals**.

CHINCHILLA SHIRE COUNCIL

LODGEMENT OF A LEVEE BANK APPLICATION FORM

- Written Report attached
- Site Plan (1:10,000) including distances relating to allotment boundaries
- Topographic plan including overland flow paths and contour data
- Evidence of notification of affected landowners
- Application form for lodgement of Levee Bank Application *60 HA TOTAL*
- Details of area and type of irrigation proposed *60 HA TOTAL*
- Detailed design of any structures
(Cross-Sectional details of structures or irrigation
proposal-head ditches, tail or recycle drains)

It is the applicant's responsibility to ensure that the above information is submitted with the application so that the Council can consider the application. Council also reserves the right to request additional information should the application submitted require further information.

Signature of the Applicant

Applicant's Name (first name should be included)

Applicant's Contact Number:

Consultant's Name

Consultant's Contact Address

Consultant's Contact Number

Council Information Only

Payment Received

Date of Lodgement _____

Name of Officer _____

*Chinchilla Irrigation and
pumping services Pty Ltd
Warrago Highway
Chinchilla Q 4413*

9 May 2000.

C.E.O.
Chinchilla Shire Council
P.O. Box 42
CHINCHILLA Qld 4413

Dear Sir

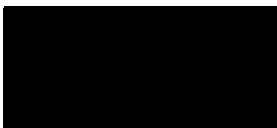
LEVEE BANK APPLICATION - 

We wish to advise that we have approached and discussed the application with the following neighbouring property owners, regarding the above:





Yours faithfully



TECHNICAL REPORT

PROPOSED IRRIGATION STORAGE
DESIGN REPORT - APRIL 2000

General

This report refers to two proposed irrigation storages to be located on [REDACTED] property which is approximately 17 kilometres to the south of Chinchilla

It is proposed to construct two smaller storages on the property rather than a single larger storage. To construct a single larger storage at the site would require relocation of the existing structures constructed on the left bank of the gully. These structures consist of a feedlot and its associated tree shelterbelt, plus a silage storage area.

Both the proposed storages are to be constructed across the same broad based gully, which runs just to the north of the existing house. The lower storage (Storage No. 1) has a capacity of approximately 65 megalitres while the upper storage (Storage No.2) would have a capacity of approximately 160 megalitres

Water will be released from the upper storage to the lower storage via an outlet pipe through the embankment. A pump unit on the lower storage will allow water to be utilized for spray irrigation of fodder crops adjacent to the lower storage.

Details of the proposed project are described below.

Catchment

The catchment area above storage No 1 has been estimated from topographic maps to be approximately 250 hectares. An additional 100 hectares can be diverted to this storage using a catchdrain running around the base of the hill to the west of the proposed site giving a total catchment area of 350 hectares.

The catchment area supplying storage No 2 has been estimated to be approximately 420 hectares. An additional 210 hectares could be diverted to this storage using catchdrains to be constructed on the western side of the storage making the total catchment area for this storage up to 630 hectares.

Both catchments consist of Brigalow type scrub soils. The areas may be either partly row cropped, fallow or under improved pasture depending on the time of year. An estimate of runoff produced from a catchment containing Brigalow type soils is difficult due to the difference in runoff potential depending on how "wet" the catchment is at the time of the particular rainfall event. Therefore it is usual to be conservative when estimating runoff from these catchments.

An analysis of the catchments using the U.S.D.A runoff model for small catchments and 30 years of rainfall records for Chinchilla has indicated that in 50 % of years runoff from catchment No. 1 will equal or exceed 95 megalitres while in 3 out 4 years (75%) runoff will equal or exceed 27 megalitres. The analysis of the upper catchment area has indicated that in 50 % of years runoff from this catchment will equal or exceed 170 megalitres while in 3 out 4 years (75%) runoff will equal or exceed 44 megalitres.

It should be pointed out that estimation of runoff from small farm catchments is not an exact science and further research is being conducted to improve the knowledge of how catchments react to high intensity and short duration rainfall events. However the indicated runoff volumes should be used for long term project planning.

Storage No. 1

The proposed embankment is to be located across the broad based gully approximately 250 metres to the north of the house and just downstream of the existing dam on the left bank of the gully. This storage will be used as a "pump hole" for the proposed spray irrigation scheme (center-pivot irrigator) due to its proximity to the existing electricity supply.

The proposed embankment would have a height of approximately 3.6 metres with a crest length of 264 metres, batter slopes of 3 to 1 and a crest width of 4 metres.

Approximately 6 500 cubic metres of compacted earth and clay fill would be required to construct the 3.6 metre high embankment. Some 1 000 cubic metres of material which can be utilized in the outer zones of the embankment could be obtained from bywash construction. The remainder of material required for construction of the embankment will be obtained from inside the storage area. Construction of the compacted clay cutoff will also require an additional 550 cubic metres of material to be removed and replaced in the cutoff trench. Base of the cutoff trench is expected to be approximately 0.7 m below natural surface level however this would be subject to variation on site.

Excess flows from the catchment will be diverted through bywashes, to be located at each end of the proposed embankment, and returned to the gully downstream of the embankment. The bywashes consist of a level bench cut in a semi circular shape at the ends of the embankment with the grassed return slope used to reduce the velocity of flows bypassing the storage. The bywashes have been designed to pass the flow estimated to be produced by a 1 in 100 year storm event on the catchment plus the design discharge from the bywashes on storage No. 2. Bywash inlet and outlet width will be 40 metres.

The bywash return slopes spread bywash flows and reduce water velocities by the use of good grass cover on the return slope. Thus it is important to establish and maintain good grass cover on the return slopes to prevent erosion.

Rock protection works will also be required on the ends and downstream toe of the embankment at the bywash outlet. This is to prevent erosion of the toe of the embankment by flows through the bywash. Protection works will consist of hand placed rock extending from approximately the center line of the embankment to a point approximately 2 metres downstream of the bywash outlet and to a height of 0.5 m above natural surface level.

Construction of the embankment as proposed will create a storage with a capacity of approximately 65 megalitres. Estimated catchment yield for this storage is 95 megalitres (50 % years) and 27 megalitres (75 % years) respectively.

Storage No. 2

The second embankment is to be located across the broad based gully approximately 750 metres upstream from storage No. 1. This storage is very shallow and has a large surface area in relation to its volume. Thus to minimize evaporation it is proposed to release as much of the stored water as possible to the lower storage which has a greater depth and smaller surface area.

The proposed embankment would have a height of approximately 3.0 metres with a crest length of 570 metres, batter slopes of 3 to 1 and a crest width of 4.0 metres.

Approximately 12 800 cubic metres of compacted earth and clay fill would be required to construct the 3.0 metre high embankment. Some 500 cubic metres of material for use in the outer zones of the embankment would be obtained from the bywash cuts while the remainder of material required for construction of the embankment will be obtained from inside the storage area. Construction of the compacted clay cutoff will also require an additional 1 200 cubic metres of material to be removed and replaced in the cutoff trench. Base of the cutoff trench is expected to be approximately 0.7 m below natural surface level however this would be subject to variation on site. Excess flows from the catchment will be diverted through bywashes, to be located at each end of the proposed embankment. Bywashes are to be similar in construction to those on storage no.1. The bywashes have been designed to pass a flow estimated to be produced by a 1 in 100 year storm event on the catchment. Bywash inlet and outlet width will be 25 metres.

Construction of the embankment as proposed will create a storage with a capacity of approximately 160 megalitres. Estimated catchment yield for this storage is 170 megalitres (50 % years) and 44 megalitres (75 % years) respectively.

Outlet pipe

To allow water to be released from the upper storage (storage No. 2) a 200 mm diameter polythene pipe will be installed through the embankment. The outlet pipe will consist of 3 lengths of polythene pipe joined by bolted galvanized flanges. The center section will be approximately 2 metres in length, with the outer sections approximately 10 metres long. Where the outlet pipe passes through the compacted clay cutoff anti seep baffles will be installed to prevent seepage occurring along the pipe. The concrete baffles will be poured in position around the flanged sections of the pipe. Backfill for the full length of the outlet pipe trench will be hand placed, compacted clay material to prevent possible seepage along the pipe alignment. A valve will be located on the downstream end of the outlet pipe to control flow from the outlet pipe. A flap valve will be placed on the inlet end of the pipe to prevent loss of stored water should the outlet valve be damaged or require repair. A rock protected area will be required where the outlet pipe discharges on the downstream end.

Soils

A materials investigation has been carried out on the proposed site. This investigation consisted of the excavation and sampling of a number of test pits using a backhoe and post auger. Soils were visually classified as black and brown clays with medium plasticity. Soils on the site are suitable for construction of both embankments, however some precautions are required to be taken during construction. Some of the soils on the site show dispersive properties. **Dispersive soils combined with poor compaction have accounted for more farm dam failures than any other mode of failure combined.** However it is possible to construct a reliable earth embankment for an on farm storage utilizing dispersive soils providing correct moisture control and proper compaction techniques are applied.

Conclusion

Successful construction of both of these storages will require careful moisture control and compaction of the clay core and cutoff trench. You should insure that your selected contractor is aware of this and accepts responsibility for providing suitable compaction equipment and its operation.

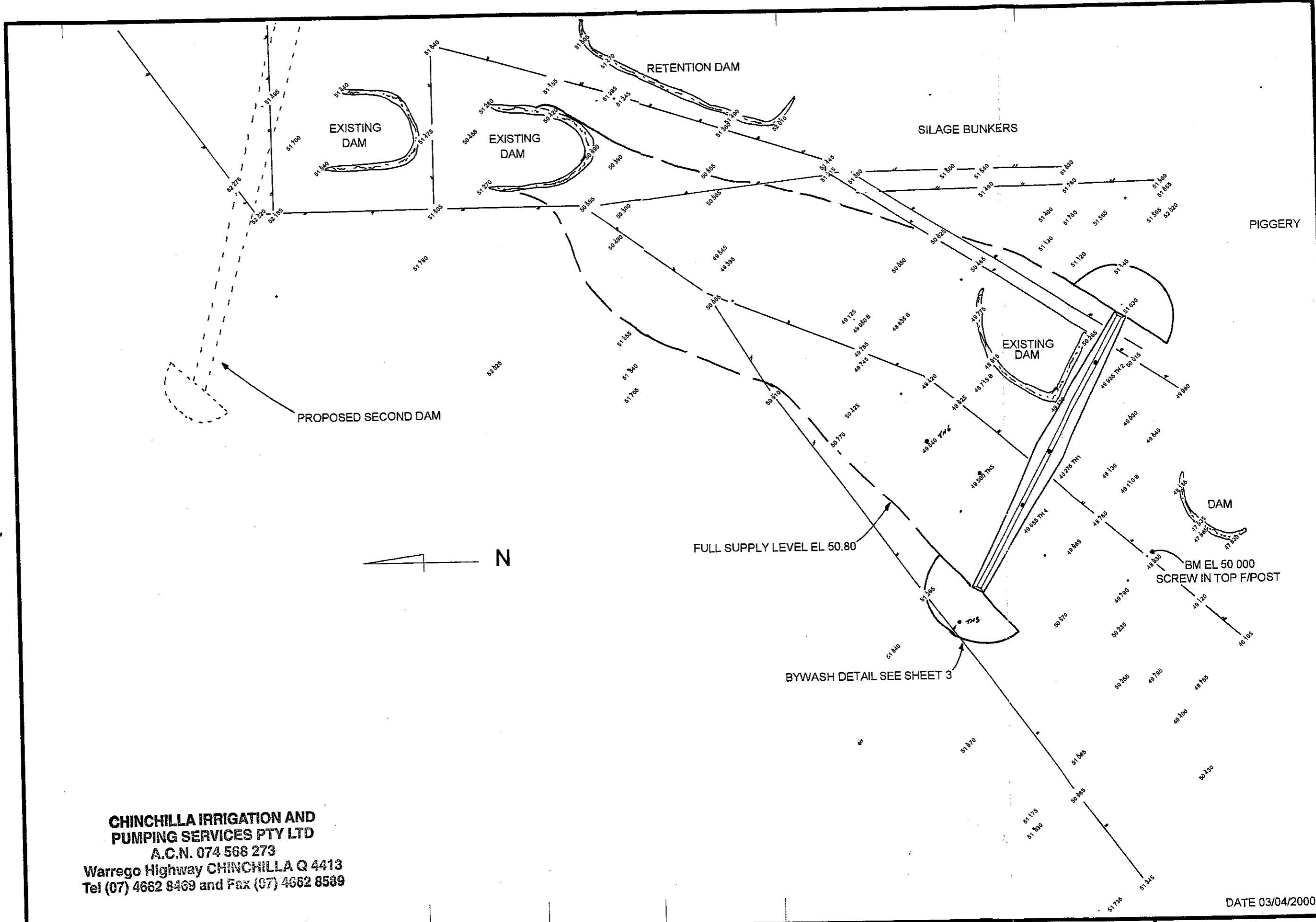
If you require any further information or wish to discuss any details of this project please contact me on [REDACTED]

Regards

*

[REDACTED]

Chinchilla Irrigation and Pumping Services



CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD
 A.C.N. 074 568 273
 Warrego Highway CHINCHILLA Q 4413
 Tel (07) 4662 8469 and Fax (07) 4662 8539

DATE 03/04/2000

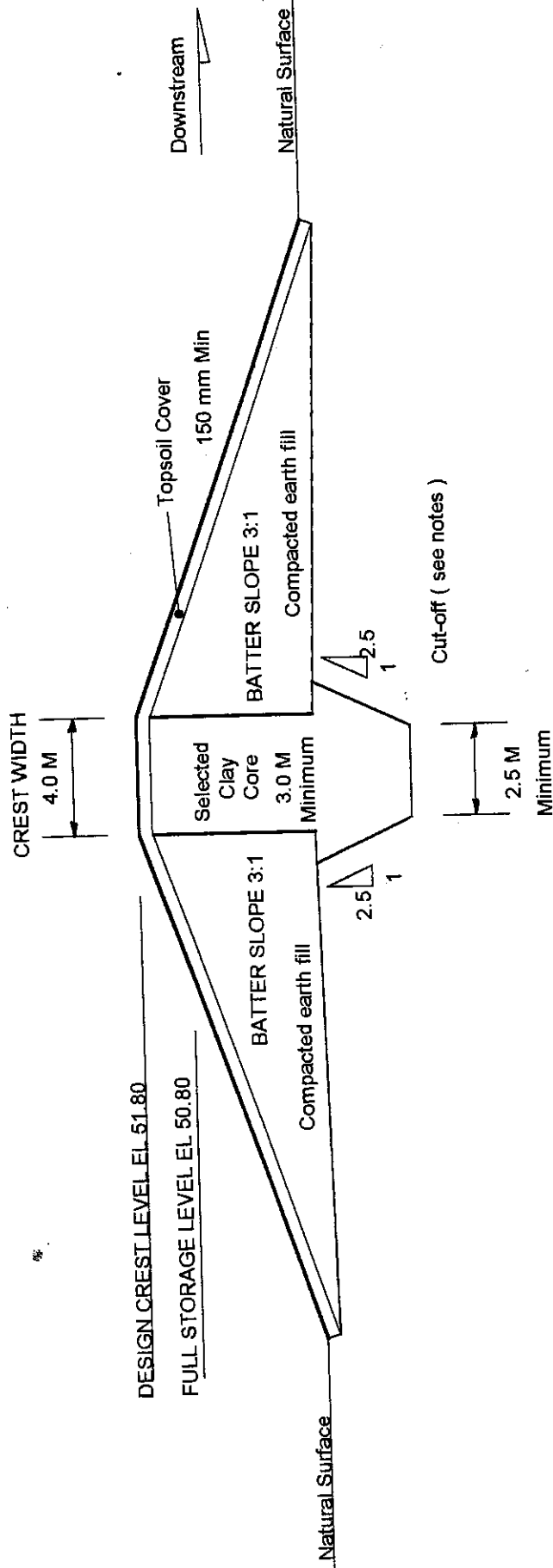
STORAGE No. 1

Scale : 1:3000

DRAWN : I.S.R

SHEET 1 OF 8

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589



Notes : Cut-off to extend at least 300 mm into natural clay zone
and to be backfilled with well compacted clay.

DATE : 04/04/2000

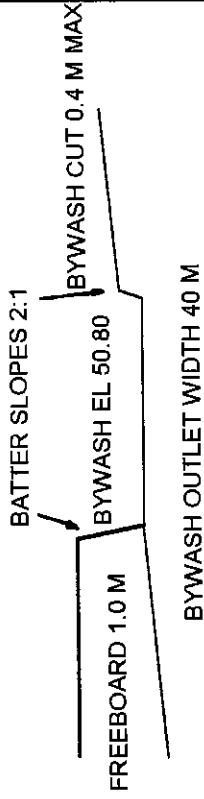
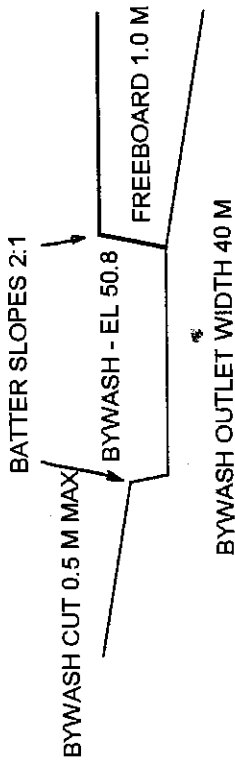
CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD

A.C.N. 074 568 273

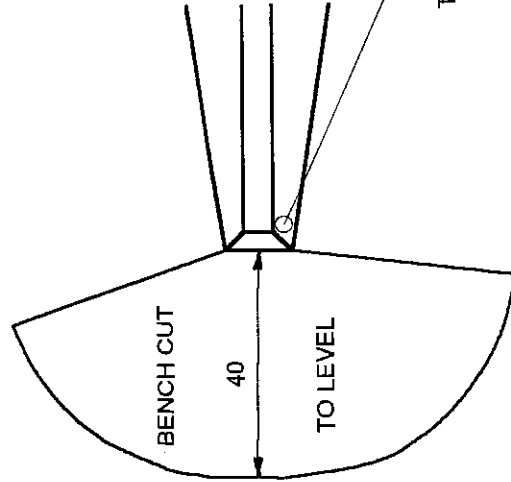
Warrego Highway CHINCHILLA Q 4413

Tel (07) 4662 8469 and Fax (07) 4662 8589

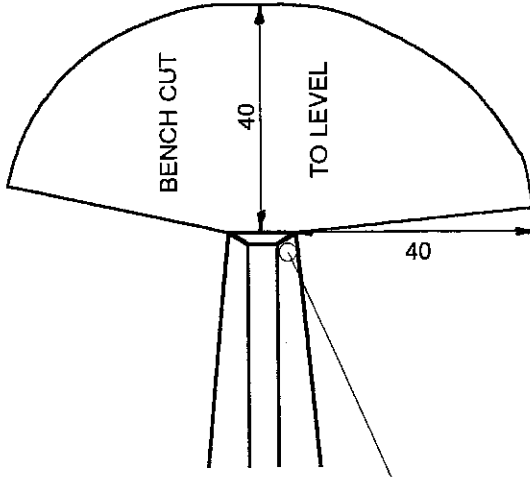
END OF EMBANKMENT AND BYWASH CUT



RIGHT BANK BYWASH



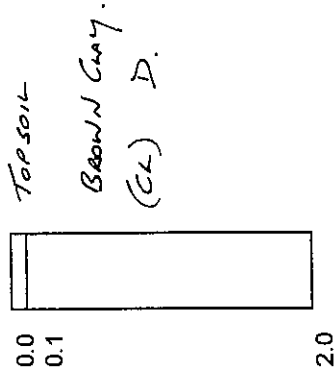
LEFT BANK BYWASH



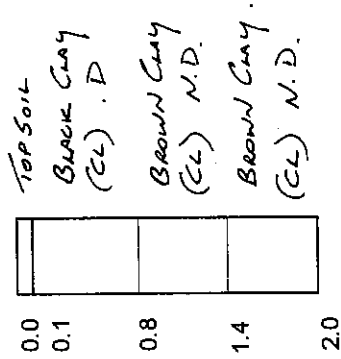
DATE : 04/04/2000

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 5589

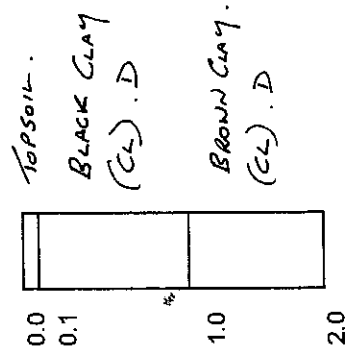
TEST HOLE NO. 3



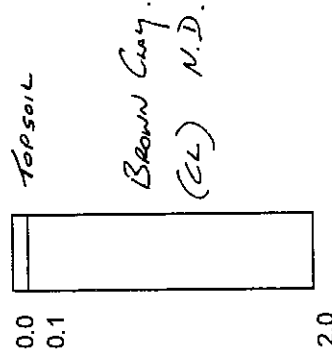
TEST HOLE NO. 2



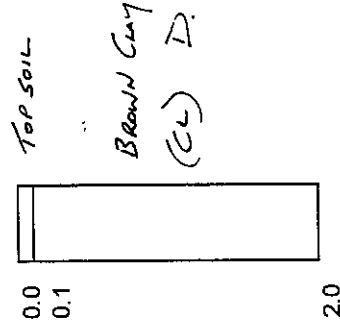
TEST HOLE NO. 1



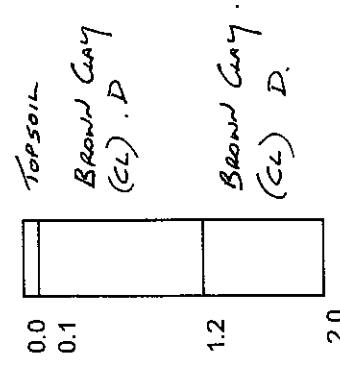
TEST HOLE NO. 6



TEST HOLE NO. 5



TEST HOLE NO. 4



NOTES : Soils visually classified only ; D - Indicates Dispersive ; ND - Non Dispersive

DATE : 04/04/2000

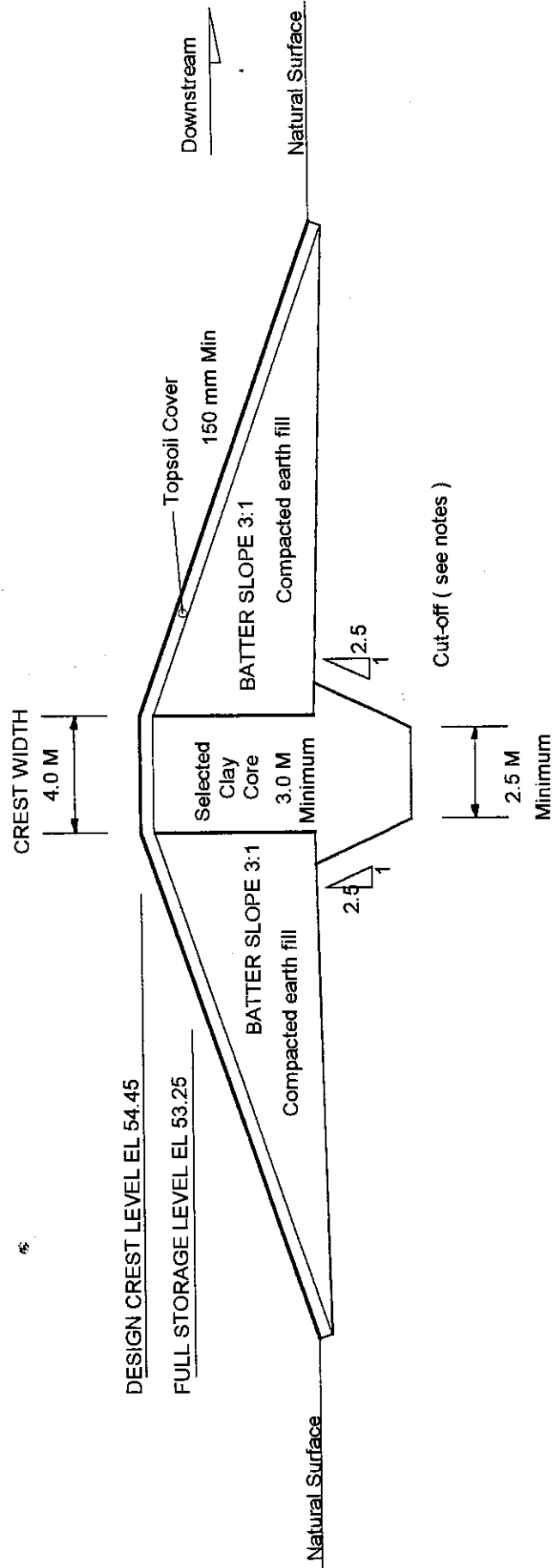
TEST HOLE LOGS

Scale :

DRAWN I.S.R

SHEET 4 OF 8

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8589

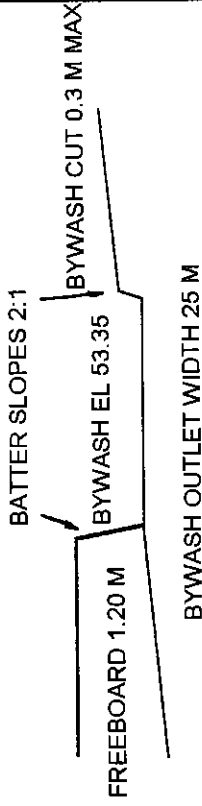


Notes : Cut-off to extend at least 300 mm into natural clay zone
and to be backfilled with well compacted clay.

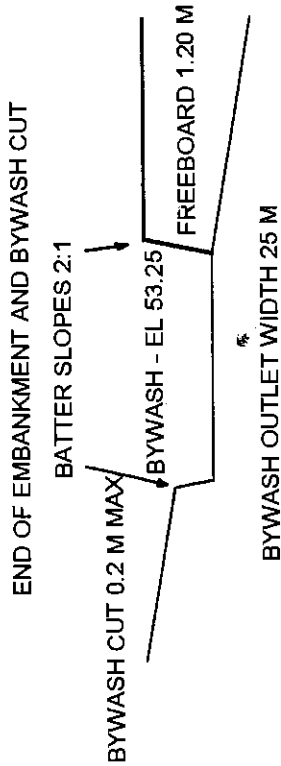
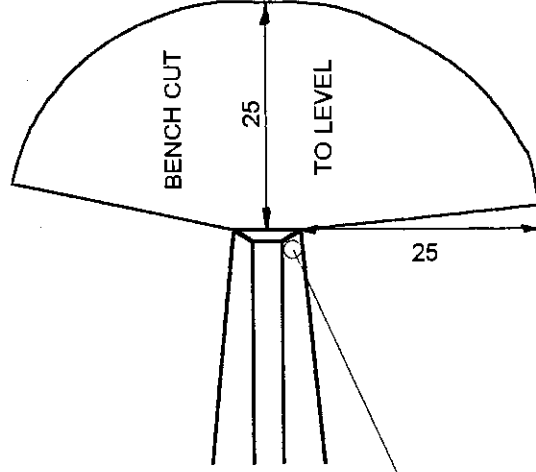
DATE : 04/04/2000

**CHINCHILLA IRRIGATION AND
PUMPING SERVICES PTY LTD**

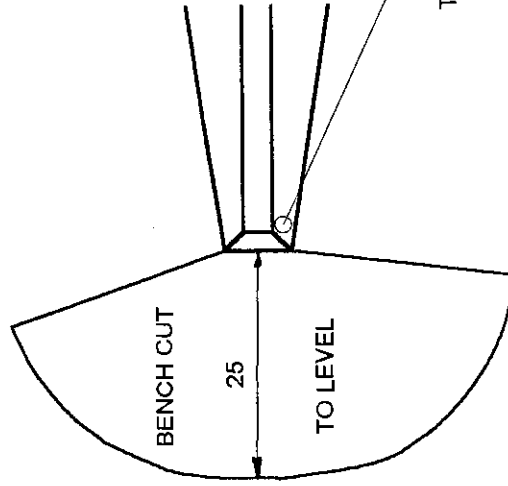
A.C.N. 074 568 273
Warrego Highway CHINCHILLA Q 4413
Tel (07) 4662 8469 and Fax (07) 4662 8560



LEFT BANK BYWASH



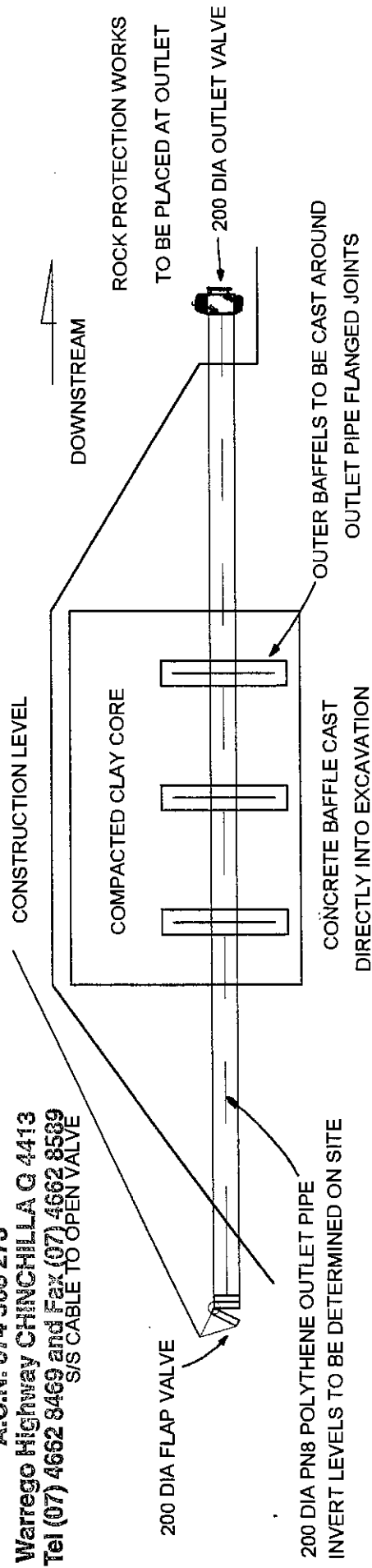
RIGHT BANK BYWASH



HAND PLACED ROCK PITCHING
TO BE INSTALLED ON EMBANKMENT
AT BYWASH OUTLET

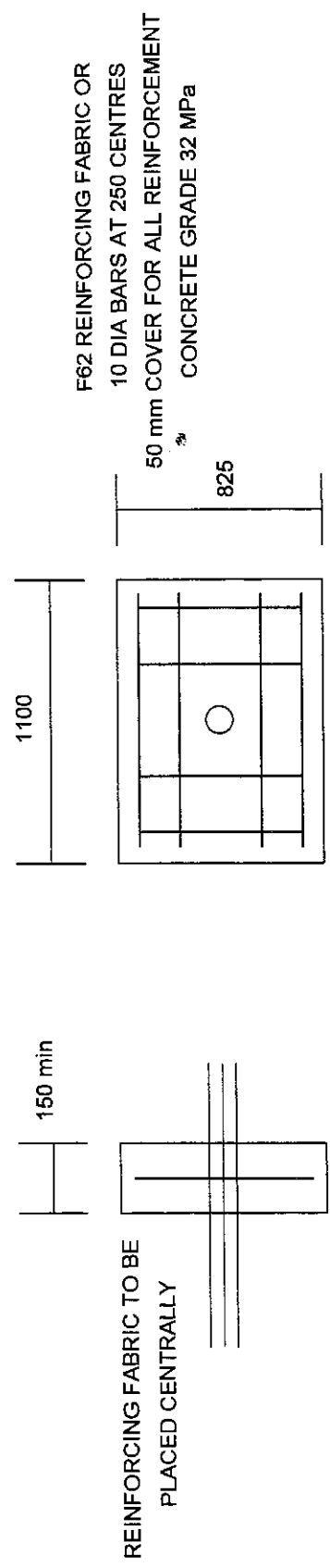
DATE : 04/04/2000

CHINCHILLA IRRIGATION AND PUMPING SERVICES PTY LTD
 A.C.N. 074 568 273
 Warrego Highway CHINCHILLA Q 4413
 Tel (07) 4662 8469 and Fax (07) 4662 8589
 S/S CABLE TO OPEN VALVE



RC BAFFLE INSTALLATION

NOT TO SCALE



REINFORCED CONCRETE BAFFLE DETAIL

all dimensions in millimetres

DATE : 04/04/2000

SCALE 1:10000

SITE PLAN.

PROPOSED CATCH DRAIN LAYOUT.

DERIVED FROM D.N.R. PLAN CG:AO-40463.



CATCH DRAIN FOR STORAGE No. 1.
SLOPE 1:1000

CATCH DRAIN FOR STORAGE No. 2

STORAGE No. 2

STORAGE

PIGGANRY

HOUSE

CATTLE PADLOT

00' 81'E

00' 91'E

00' 71'E

00' 81'E

00' 91'E

319.00

318.00

317.00

316.00

315.00

314.00

313.00

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF2820

Our Ref: EH:KB
Your Ref:

19 June 2000

██████████
Wambo Street
CHINCHILLA Q 4413

Dear Sir,

Re: Levee Bank Application

Reference is made to your application for a Levee Bank Permit for the construction of surge and Reservoir Embankment for the purpose of irrigation of water melons and other small crops on land described as Lot 8 on Plan ██████████ Parish of Buchan.

The application was considered by Council at the general meeting held on 15 June 2000 with approval being granted for the construction of the original application for the surge and reservoir embankments on Lot 8 on ██████████ Parish of Buchan subject to the following conditions;

- i) That approval be granted for the ringtank and banks only contained on this allotment as previously submitted, for a period of two years with provision to renew for a period to be determined by Council at that time, provided that there are no problems arising as a result of works.

This clause specifically excludes the bank as submitted on 16th May 2000 with detail significantly different from those advised on site and originally submitted.

- ii) That the construction of the ringtank and banks located on the allotment be in accordance with Sound Engineering guidelines.
- iii) Construction of the works shall commence within twelve (12) months of the date of fulfilment of conditions and be completed within two (2) years of that date.
- iv) The applicant shall be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on both lot 8 on LY148 and any lots affected by the structure.
- v) Advise that the proposed bank situated at Lot 8 on ██████████ and Lot 5 on ██████████ significantly changes the initial proposal and is required to be handled under a separate application.

Due to concerns over catchment boundaries associated with this bank, further topographic information is required to be submitted.

- vi) That the approval includes provision, for pumping water only from the Nudley lagoon.

PO Box 42 Chinchilla 4413

Telephone: (07) 4662 7056 Fax: (07) 4662 7720

ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

viii) That pumping operations from Nudley Creek shall be licensed by the Department of Natural Resources with copies of licenses provided to Council.

During the advertising period Council was in receipt of three objections as follows;

- i) [REDACTED] "Llano" MS [REDACTED]
CHINCHILLA Q 4413
- ii) Hateley Enterprises Pty Ltd
160 Wilston Road
NEWMARKET Q 4051
- iii) [REDACTED] "Haliden" [REDACTED]
CHINCHILLA Q 4413

Should you not agree with Council's decision you have a right to appeal the decision in accordance with Section 942 of the Local Government Act 1993 (a copy of which is attached).

Yours faithfully,

[REDACTED] VE

BC Department of Natural Resources
PO Box 273
CHINCHILLA Q 4413

BC Engineer

For your information.

[REDACTED]

CHIEF EXECUTIVE

ENGINEERS REPORT TO THE GENERAL MEETING HELD ON 15 JUNE 2000

8 June 2000

Mayor and Councillors
Chinchilla Shire Council
CHINCHILLA Q 4413

Councillors,

Levee Bank Application – D Dickman

Re:

Applicant: [REDACTED]

Land Description: Lot 8 on [REDACTED] Parish of Buchan, Chinchilla

Land Owner: Bar-K Farming Pty Ltd

Tenure of Land: Freehold, Rural C

Nature of Work: Construction of Surge and Reservoir Embankment

Purpose of Work: Irrigation of watermelons and other small crops

Permit Required: The owner has requested a period of 10 years for the permit.

Advertising: The application has been advertised on 29 July and 5 August 1999 in accordance with Section 938 (2) (b) of the Local Government Act 1993, calling for support or objection for the proposal closing with Council on 27 August 1999.

Support or Objection: Council was in receipt of one objection at the time of closing of submission with Council.

[REDACTED] his objection is as follows;

'It is not clear if the application is to pump water from Nudley Creek, from the documents this seems to be the case. If this is so, I hope it is noted that there are several applications pending the WAMP review and all landowners should be allowed their fair share of water. This is particularly so when there is a partial flow from Drabsch's Gully which sometimes fills the creek along for several properties.

While I am not objecting outright to this proposal, I hope the Council has some influence on those that control this resource to come forward with a means to allow everyone equal access to the water, not just a couple of landholders.

I am one of those land owners who wants to use the water as well.'

An emersion class test has been performed at the location with a class number 2 being achieved with a medium to low plasticity. The emersion class test is used to test the dispersive nature of the material, which is ranked from 1 to 8. Class 1 being the most dispersive material when emersed in water.

Incorporated in the application is a 20 inch mixed flow Chinese pump to deliver 50Ml per day from the surge dam to the reservoir and an 8 inch pressure pump to deliver water directly to crops via a network of drippers.

Attached are plans for Council's consideration.

Consultation

During an on-site meeting held with the land owner, and the previous Council terms levee bank committee on 17 November 1999, a number of issues were discussed as follows:

Provision of sump arrangements and its capacity to retain rainfall overland flow on the applicants property. Further, whether the proposed structures, to retain overland flow produce any levee impact on the Nudley Creek.

During the meeting the applicant, advised that water would be contained in the 'Nudley lagoon', (which has sufficient capacity to retain rainfall overland flow) and further that he had written advice from Department of Natural Resources, Roma division that advised this lagoon did not constitute a Water Course under the Water Resources Act, as detail below;

'This letter confirms advice given to you by Steve Sorensen of this Department during a recent inspection on your property. You requested a determination as to whether two features on your property constitutes a watercourse as defined under the Water Resources Act 1989.

The first feature inspected is known as Nudley Lagoon. Whilst the feature itself would be defined as a 'lake' under the Water Resources Act it is wholly contained on your property and the right to use a flow and control of water does not vest in the Crown. Crown vesting only occurs under the Water Resources Act 1989 if it is a lake or spring that is situated within or abuts the land of 2 ort more owners or occupiers.

Any flow into Nudley Lagoon from high flows in Nudley Creek occur from flows breaking over the high bank of Nudley Creek and these is no defined flow channel. This is considered to be overland flow. At the present time a Waterwors Licence would not be required for works involving Nudley Lagoon or the overland flow entering it unless the works constituted a Referable Dam is an embankment over 5 metres high and storing more than 50 megalites.

The second feature inspected was a shallow depression on which you have an existing stock dam. It is not considered that this depression constitutes a watercourse under the Water Resources Act 1989 as it lacks any real definition with regard to bed and banks and it also does not exhibit any waterholes which could convey a riparion right. Therefore, the only way that a Waterworks Licence would be required for works on the depression would be if a Referable Dam were involved.'

From the inspection on-site, it was determined that the bank as proposed, and its relative height with respect to the Nudley Creek, would not produce any levee impacts on the Creek.

- iii) Construction of the works shall commence within twelve (12) months of the date of fulfillment of conditions and be completed within two (2) years of that date.
- iv) The applicant shall be solely responsible for repairing any damage as a result of soil erosion or whatever associated with the proposal on both the lot 8 on [redacted] and any lots affected by the structure.
- v) Advise that the proposed bank situated at lot 8 on [redacted] and lot 5 on [redacted] significantly changes the initial proposal and is required to be handled under a separate application.

Due to concerns over catchment boundaries associated with this bank, further topographic information is required to be submitted.

- vi) That the approval includes provision, for pumping water only from the Nudley lagoon. ~~A separate application through the Department of Natural Resources for pumping from the Nudley Creek in this region would be required.~~
- vii) ~~That~~ ^{opportunity} ~~the~~ ^{shall be considered by Department of Natural Resources with copies of licenses provided to Council.}
- b) Non-approval due to change in the scope of works.

That Council advise the owner, that due to the significant change in scope of works, by addition of the bank as submitted 16 May 2000, a re-advertisement of the application would be required.

Further to this re-advertisement, Council also request further topographic information relating to this bank and upstream area to allow catchment boundary identification.

Advise the applicant, that this proposal would be placed on hold, until both the advertising period closed and satisfactory topographic information is supplied to Council.

Yours faithfully,

[redacted]

ENGINEER

Presented to the General Meeting of the Chinchilla Shire Council held on the 15 June 2000.

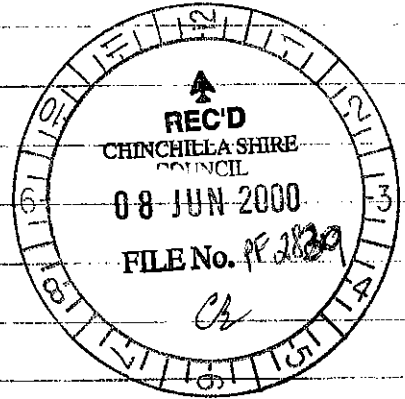
.....
CHIEF EXECUTIVE

*James Lusk from Nudley Council
2000-06-15*

7th June, 2000.

[Redacted]
"Haliden", M.S.
Chinchilla. Q. 4413.

The Chinchilla Shire Council,
Heeney Street,
Chinchilla. Q. 4413.



Dear Sir,

RE: Diversion of Watercourse to Proposed Ringtank
by D. Dickman

We hereby lodge our written objection to the above mentioned proposal by [Redacted], as it intends to deprive our farming operations of vital water, down stream from this proposal's location.

Yours Sincerely,

[Redacted signature block]

hng

[Redacted]

08-06-00

Hateley Enterprises Pty. Ltd.

Trustee for the Hateley Family Trust

ACN 084 041 921
160 Wilston Road
Newmarket
QLD 4051

Chinchilla Shire Council
Heeney Street
Chinchilla
QLD 4413



RECEIVED
15 MAY 2000

Attention [REDACTED]

Re: Contour bank for [REDACTED] Bar K Farming

Dear Sir,

I am aware of the proposal to put a contour bank through the south east corner of our property namely Lot 5.

Whilst we have no objection to this contour bank in the short term, we reserve our rights to withdraw our approval at any time.

Yours Faithfully

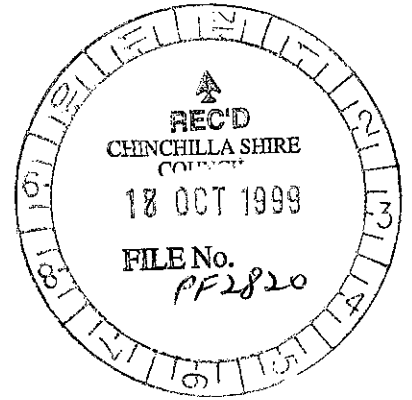
[REDACTED]

Director

Enclomure

Copy provided 15/5/00
[REDACTED]

BAR-K FARMING PTY LTD LEVEE APPLICATION



BAR - K

PROPOSED OVERLAND FLOW DAM

ENTERED
IN INDEX

LEVEE APPLICATION

Compiled by Irrigation Design Services
P.O. Box 920
Goondiwindi Qld
4390
Ph 0412 822 946

IRRIGATION DESIGN SERVICES

CHINCHILLA SHIRE COUNCIL

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land.

I, [redacted] of CHINCHILLA in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

(1) Name of Applicant .. [redacted]

(2) Postal Address .. Wamba street, Chinchilla Qld 4413

(3) Location of work (see also 10) Country .. Parish .. BUCHAN

Real Property Description .. Small crops, Grazing lots [redacted] Area ..

(4) Nature of Works .. Construction of Surge and Reservoir Embankments.

(5) Purpose of Work .. Irrigation of water melons and other small crops.

(6) Particulars of Work (if levee bank) -

(a) Total length of levee bank 2.800 metres

(b) Maximum height 4.99 metres

(c) Width of top 4-5 metres

(d) Width of base 40 metres

(e) Materials of which bank will be constructed .. Predominantly Sandy Clay soils.

(f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? 4.99

(g) Height of top of bank above highest known flood level 4.99

(7) Particulars of work (if drain or other excavation)

(a) Total length .. metres

(b) Maximum depth .. metres

(c) Width of top .. metres

(d) Width at base .. metres

(e) State nature of soil at site ..

- (8) Provision for preventing injury to other land arising from proposed work *All water by washing surge dam will be returned to the natural water way before entering the neighbouring property*
- (9) Period for which permit is required
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date *15-10-99*

Signature of Applicant 

Information for applicants under subsection (24) of section 47 of the Local Government Act 1936-1988.

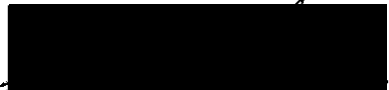
- (1) If the applicant is purchasing the subject land, but the transfer documents have not yet been lodged for registration, he/she should ask the solicitor handling the sale to contact the Council and advise of the present position of the transaction.
- (2) In terms of the Local Government Act 1936-1988, applications for permits are required to be advertised in accordance with the Council's By-laws and even if no objections are received, or any objections are received and dismissed, there is no guarantee that the permit applied for will be granted.
- (3) The applicant is warned against taking any action to construct any work until a permit from the Council has been received.
- (4) All questions in relation to this application must be answered fully as failure to do so will lead to correspondence with consequent delay in dealing with the application.

(5) Applicants agree to pay the follow fees:-

- a) Application fee for works less than \$2000 in cost including advertising. \$117
- b) Application fee for works in excess of \$2000 in cost including advertising. \$500
- c) Projects that require Engineering Consultants Reports which will include (b) above. Consultant Fees

Date 15-10-99

Signature of Applicant



CHINCHILLA SHIRE COUNCIL

GUIDE FOR THE LODGEMENT OF A LEVEE BANK APPLICATION FORM

The following information is shown to indicate the minimum requirements upon which the application may be based. The supply of more detailed information additional to this guide may assist in expediting the assessment process.

- i) Suitably Engineered design plan, with the following information to be shown;
 - Details of the proposed development to be located on an overall site plan at a scale of 1:10,000.
 - Topographic plan of the application showing a minimum of the following details:
 - Current contour on the property, shown legibly with height profiles.
 - Current overland flow paths, for identification of catchment area; the application should detail how it will deal with natural floodplain flows once structures are full to capacity;
 - Catchment boundaries on adjacent properties affected by the proposal
 - Clear indication of the size of the storage structures and their relationship with the proposal (both written and drawn), including:
 - Capacity of the systems
 - Details of any pumps proposed or currently existing (including relevant licences)
 - Sizing calculation for Sumps
 - Bywash characteristics:
 - Erosion control measures
 - Indication on how bywash will return water to natural waterway within the applicant's property, except where alterations are accepted by the community and are technically and environmentally sound.
 - Suitably scaled and detailed cross section of all structures and how they relate to natural land profiles and their relation to the following:
 - Natural waterways
 - Road reserves and current infrastructure
 - Boundary clearances
 - Buildings
 - Vegetation regions
- ii) Written report detailing the above requirements, including the full intent of the enterprise, impact on adjacent landowners, including details on notification of the works proposed to adjacent landowners, regardless of perceived impact.
- iii) Basic analysis of existing soil structures, and how these relate to water handling structures.
- iv) Should the application cause increases in flood flows, heights and velocities, it should be detailed in the application how these changes will be accommodated through the proposal.
- v) Detail fully how the system, in particular the recycle system, handles first run-off to include as a minimum, the maximum requirement under Best Management Practices of the enterprise (Currently 50mm for Cotton).
- vi) Integration or interrelationship of the proposed plans to the whole property irrigation (if others exist on the property).
- vii) Catchment estimation, including how the proposal will handle relevant storm event, eg. 1 in 50 Year Average Recurrence Intervals.

CHINCHILLA SHIRE COUNCIL

LODGEMENT OF A LEVEE BANK APPLICATION FORM

- Written Report attached
- Site Plan (1:10,000) including distances relating to allotment boundaries
- Topographic plan including overland flow paths and contour data
- Evidence of notification of affected landowners
- Application form for lodgement of Levee Bank Application
- Details of area and type of irrigation proposed
- Detailed design of any structures
(Cross-Sectional details of structures or irrigation
proposal-head ditches, tail or recycle drains)

It is the applicant's responsibility to ensure that the above information is submitted with the application so that the Council can consider the application. Council also reserves the right to request additional information should the application submitted require further information.

Signature of the Applicant

Applicant's Name (first name should be included)

Applicant's Contact Number:

Consultant's Name

Irrigation Design Services (_____)

Consultant's Contact Address

P.O. Box 920

Goondiwindi Qld

4390

Consultant's Contact Number

Council Information Only

Payment Received

Date of Lodgement _____

Name of Officer _____

Bar – K
Proposed Overland Flow Dam Levee Bank Application

1. General

The property Bar – K is located 40km North East of Chinchilla of the Pelican Road. It is proposed to construct a 90Ml surge dam incorporating Nudley Lagoon and a 300Ml above ground storage. Overland flow will firstly be captured in the gravity fill surge dam and then be pumped to the adjacent above ground storage for delivery to Water Melon crops during the growing season. A general layout diagram showing all works has been included in appendix A.

2. Catchment

The dam catchment comprises approximately 500ha. This catchment consists mainly of Box Belah, brigalow and some Bulloak timber. A topographic plan showing flow paths and contour data is included in appendix B.

3. Surge dam

It is proposed to construct a 90Ml surge dam to capture overland flow and act as a buffer for a reservoir pumpstation. The surge dam incorporates Nudley Lagoon and has a top water level of 48.60m. Two bywash areas will be constructed and are to be set at a minimum width of 70m. All bywash areas are to be grassed to prevent erosion. Bywash water will be returned to the natural water way via a grassed water way and in turn into Nudley Creek as it would in an unaltered state. Surge Dam top bank level is to be set 1.80m above top water level. A diagram showing the surge dam embankment cross section is included in Appendix C.

6.3 Stripping of Workface

Construction shall be carried out on one workface only. The in-situ moisture content of this workface must be maintained. Should there be any delay in the construction program the entire workface must be stripped and tined to a depth of 100mm. This stripping must be conducted at the commencement of construction each day.

6.4 Compaction

An 815B Caterpillar Compactor or equivalent shall be used to compact the reservoir embankment. It is expected that the level of compaction achieved by this size compactor will be in excess of 95 percent as measured from a standard proctor test. Specified compaction is expected to be achieved after a minimum of 8 passes of a tamping roller, this may be determined visually when the roller starts to "walk out" of the earthfill layer. The compactor shall continually traverse the embankment during construction with priority given to the core zone and core trench. The compactor shall also traverse the inner and outer zones of the embankment. Construction of the reservoir embankment shall take place only when the compactor is operational.

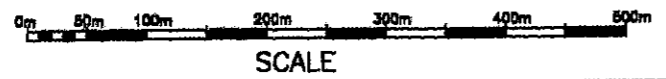
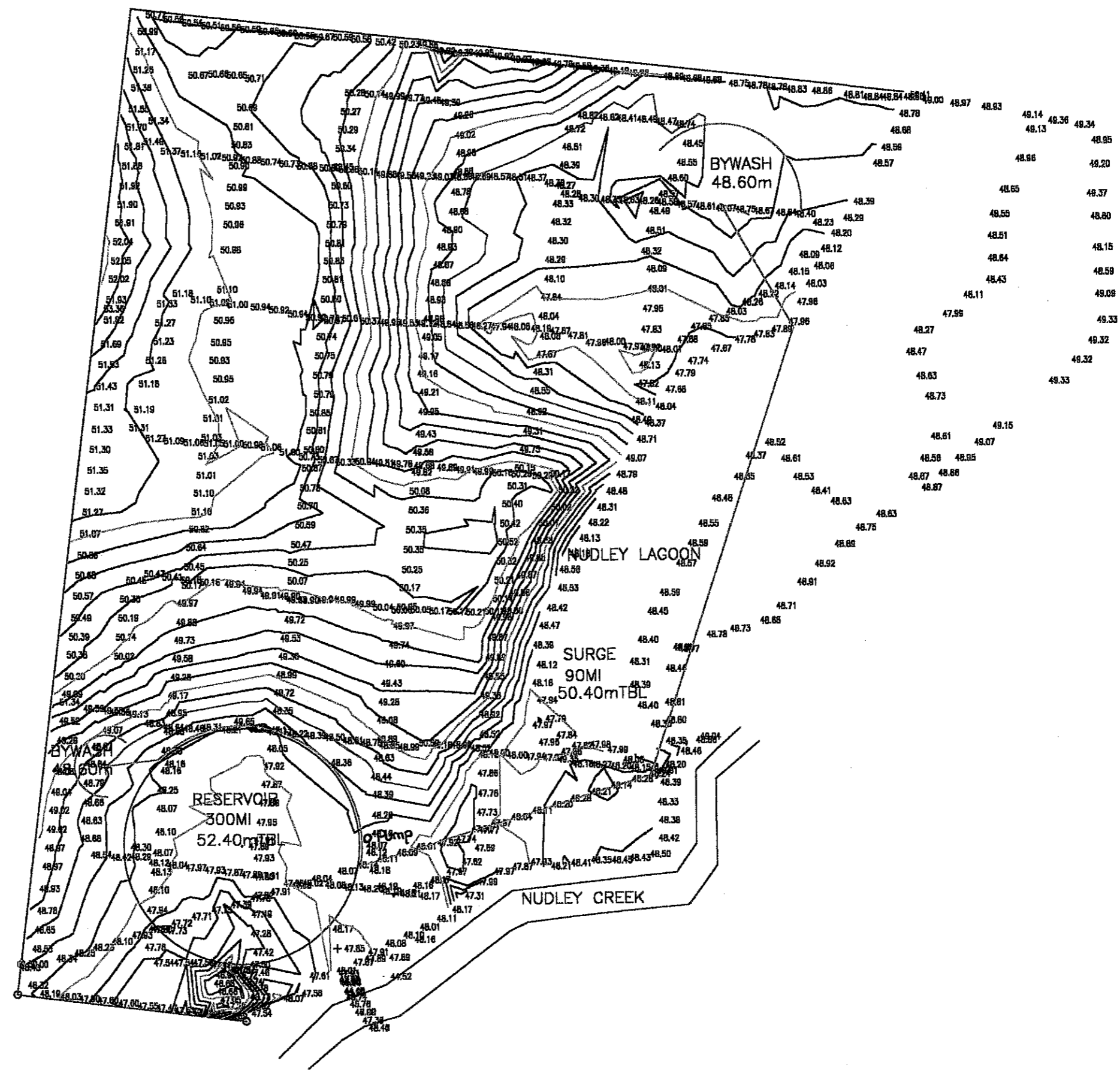
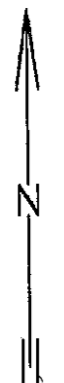
7 Reservoir Pumpstation

A 20 inch mixed flow Chinese pump is proposed to be installed to deliver 50Ml per day from the surge dam to the reservoir. An eight-inch high pressure pump will also be incorporated into the pumpstation to deliver water to crops via a network of drippers. A diagram of a typical pumpstation installation has been included in Appendix F.

8 Notification of Affected Landowners

The only affected landowner has been notified and discussions are continuing. Bywash water from the surge dam will be conveyed back to the natural waterway before entering the neighbouring property and discharge into Nudley Creek as previous. A diagram showing the distance of the works from the property boundary is also included in appendix G.

APPENDIX A



SCALE

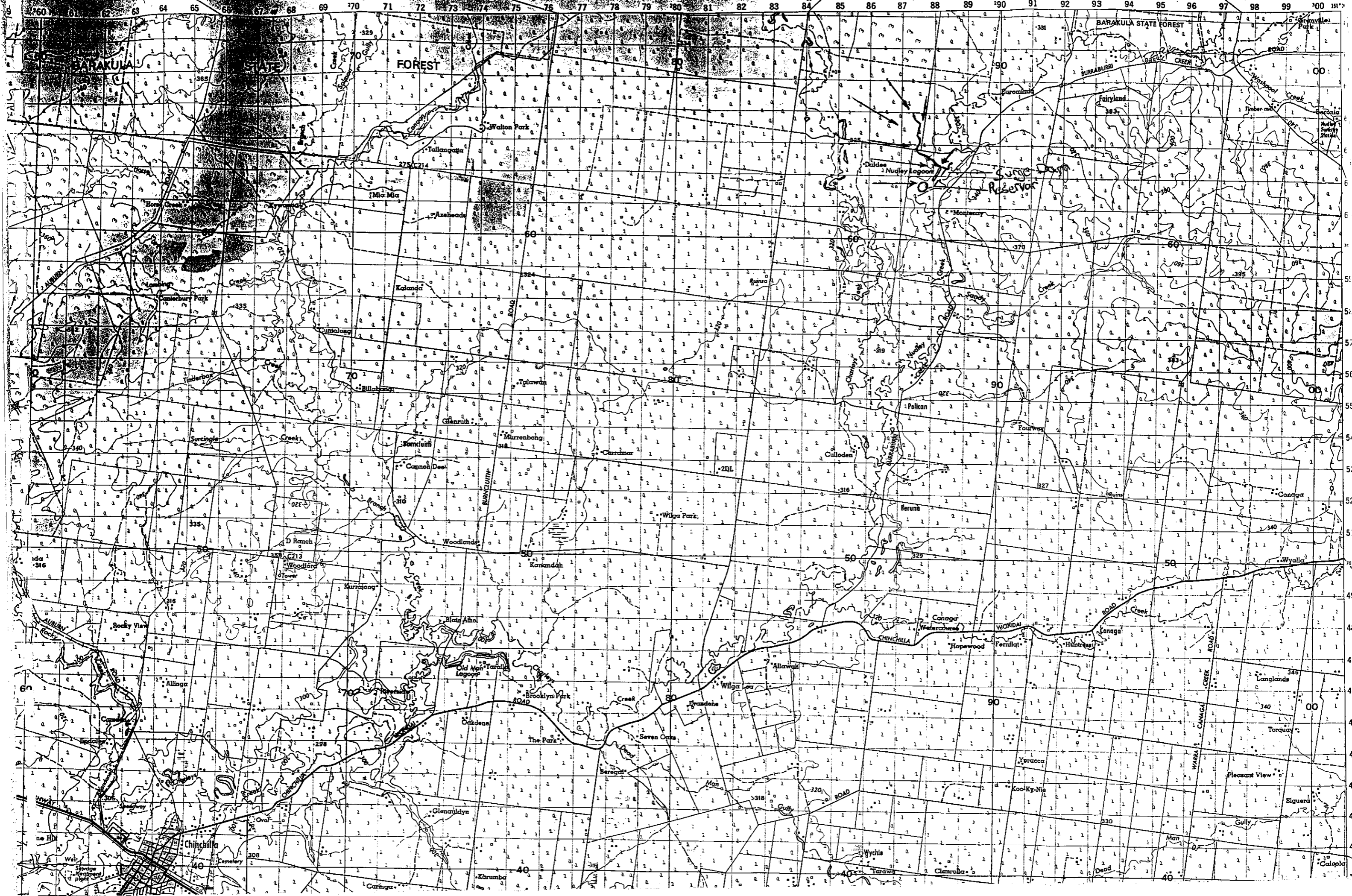
<p>CLIENT BAR - K FARMING PTY LTD BAR - K CHINCHILLA QLD</p>	<p>PROJECT OVERLAND FLOW DAM</p>	<p>DRAWING GENERAL LAYOUT</p>	<p>IRRIGATION DESIGN SERVICES P.O. BOX 920 GOONDIWINDI QLD 4390 PH. 0412 822946</p>	<p>DRAWN: DBH SCALE: AS SHOWN DATE: 11-10-89 DRAWING FILE BAR-K</p>
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APPENDIX B

CHINCHILLA

REFER TO THE MAP SHEET 9044 (EDITION 1)
NATIONAL TOPOGRAPHIC MAP SERIES

BARAKULA 23 km BARAKULA 27 km BALLON FORESTRY STATION 11 km BALLON FORESTRY STATION 11 km

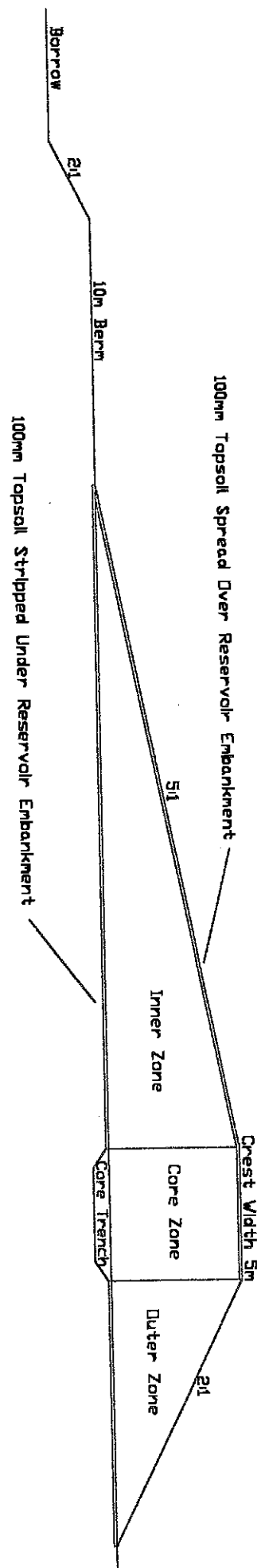


CLIENT
BAR - K FARMING PTY LTD
BAR-K
CHINCHILLA QLD

PROJECT
RESERVOIR

DRAWING
TYPICAL RESERVOIR CROSS-SECTION

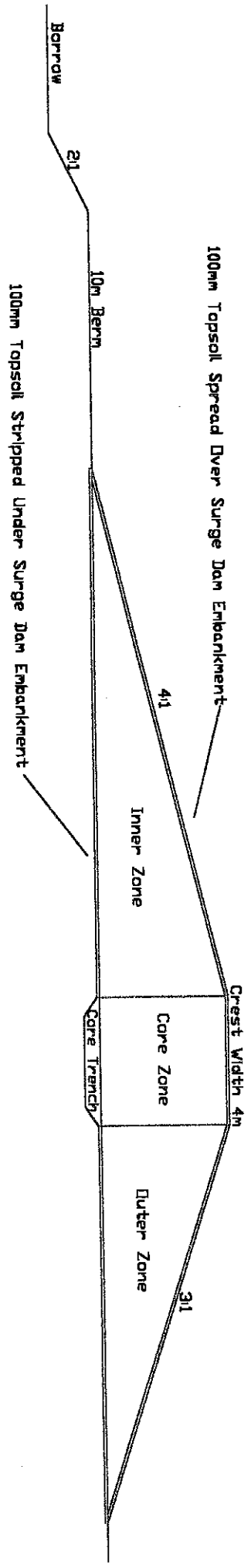
IRRIGATION DESIGN SERVICES
P.O. Box 920
GOONDIWINDI 4390
Ph. [REDACTED]



Not to Scale

APPENDIX C

CLIENT BAR - K FARMING PTY LTD BAR-K CHINCHILLA QLD	PROJECT SURGE DAM	DRAWING TYPICAL SURGE DAM CROSS-SECTION	IRRIGATION DESIGN SERVICES P.O. Box 920 GOONDIWINDI 4390 Ph. [REDACTED]
---	-----------------------------	---	---



Not to Scale

APPENDIX D

APPENDIX E

DETERMINATION OF EMERSON CLASS NUMBER OF SOIL

CLIENT: SUDHOLZ PTY LTD
 PROJECT: MATERIALS TESTING
 LOCATION: GOONDIWINDI

DATE: 1/6/99
 PROJECT NO: 53468
 PAGE: 1 of 1

Chainage	Depth (m)	Description	Water Type	Water Temp	Class No.
LYNORA YARDS	1.0	CLAYEY SAND - brown	Distilled	22.0	3
LYNORA L	2.0	SILTY CLAY - brown	Distilled	22.0	3
LYNORA K	2.0	SILTY CLAY - brown	Distilled	22.0	3
DICKMAN TP2	0.5	SANDY CLAY - brown	Distilled	22.0	2
DICKMAN TP4	0.5	SANDY CLAY - brown	Distilled	22.0	2
DICKMAN TP8	0.5	SANDY CLAY - brown	Distilled	22.0	2

Remarks:

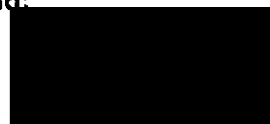
Test Method(s): AS.1289.3.8.1-1980

Tested by:JP
 Checked by:DE

Laboratory: Brisbane 1289

Report No: B99-0419

Signed:



The Laboratory is accredited by the National Association of Testing Authorities, Australia. The test(s) reported herein have been performed in accordance with the terms of accreditation. This document shall not be reproduced without permission.



Douglas Partners
 Geotechnics · Environment · Groundwater

RESULTS OF MOISTURE CONTENT, PLASTICITY AND LINEAR SHRINKAGE TESTS

CLIENT: SUDHOLZ PTY LTD
 PROJECT: MATERIALS TESTING
 LOCATION: GOONDIWINDI

DATE: 1/6/99
 PROJECT NO: 53468
 PAGE: 1 of 1

TEST LOC	DESCRIPTION	CODE	W _L %	W _p %	I _p %	*LS %
ETTORA YARDS	SILETY SAND - brown	1,5	88	15	21	18.5
ETTORA L	SILETY CLAY - brown	1,5	48	28	38	18.5
DICKMAN TP2	SANDY CLAY - brown	1,5	30	12	18	8.5

Legend:

- W Moisture Content
- W_L Liquid limit
- W_p Plastic limit
- I_p Plasticity index
- LS Linear shrinkage from liquid limit condition (Mould length 125mm)

Test Methods:

- Moisture Content: AS 1289.2.1.1 - 1992
 - Liquid Limit: AS 1289.3.1.1-1995, 3.1.2-1995, 3.9-1991 (delete)
 - Plastic Limit: AS 1289.3.2.1 - 1995
 - Plasticity Index: AS 1289.3.3.1 - 1995
 - Linear shrinkage: AS 1289.3.4.1 - 1995
- * Specify if sample crumbled CR or curled CU

Code

Sample history for plasticity tests

1. Air dried
2. Low temperature (<50°C) oven dried
3. Oven (105°C) dried
4. Unknown

Method of preparation for plasticity tests

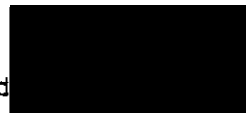
5. Dry sieved
6. Wet sieved
7. Natural

TESTED BY: JP
 CHECKED BY: DE

Laboratory: Brisbane 1289

Report No: B99-0418

Signed



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RESULTS OF PARTICLE SIZE DISTRIBUTION TEST

CLIENT SUDHOLZ PTY LTD

DATE 31/5/99

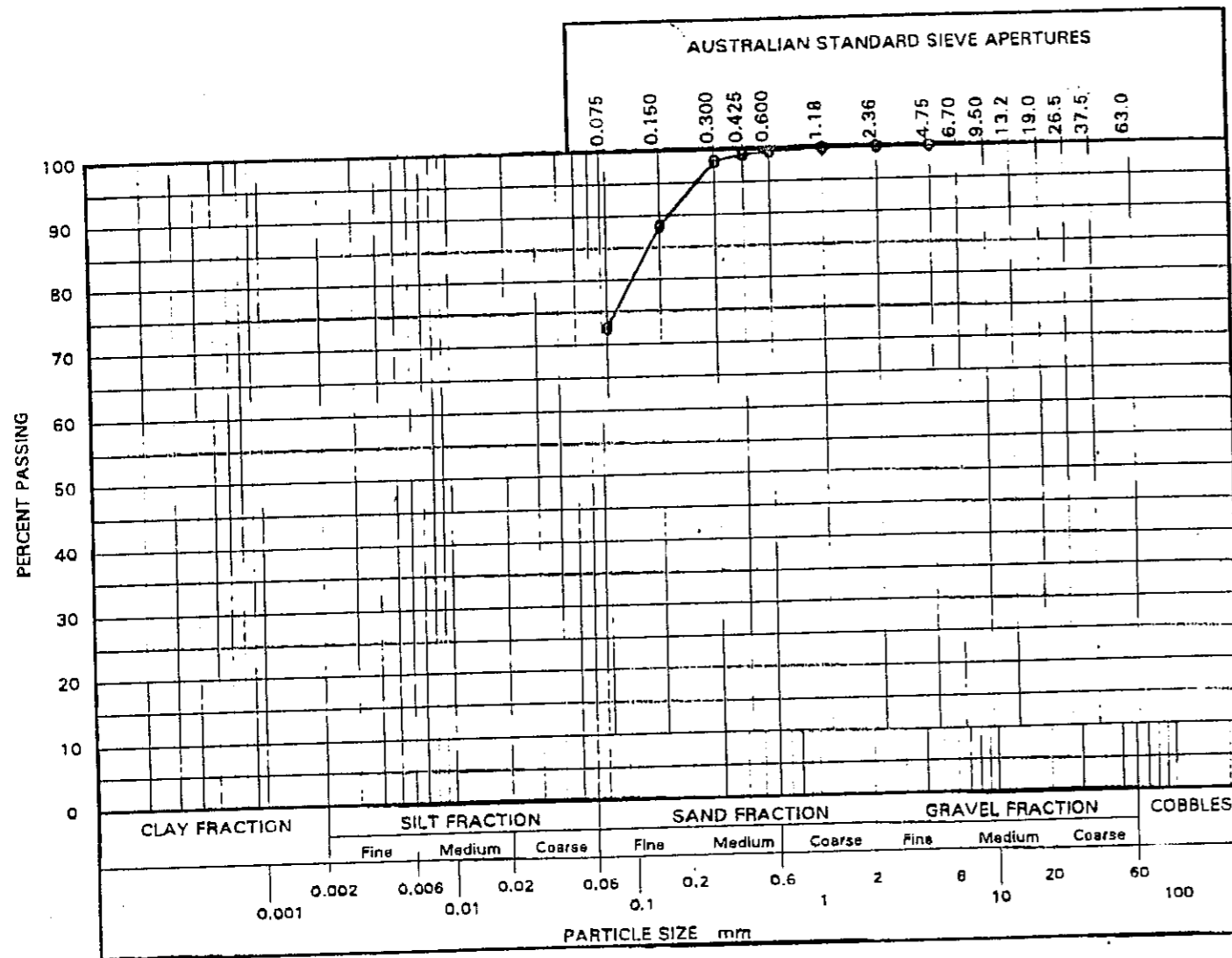
PROJECT MATERIALS TESTING

PROJECT No. 53488

LOCATION DICKMAN TP2

TEST LOC. 1

DEPTH -



DESCRIPTION SANDY CLAY - brown sandy clay

PRETREATMENT

LOSS IN MASS ON PRETREATMENT 0.00%

TESTED T.T.
CHECKED D.E.

TEST METHOD AS 1289 6.3.2

LABORATORY BRISBANE

REPORT No. B99-416

SIGNED

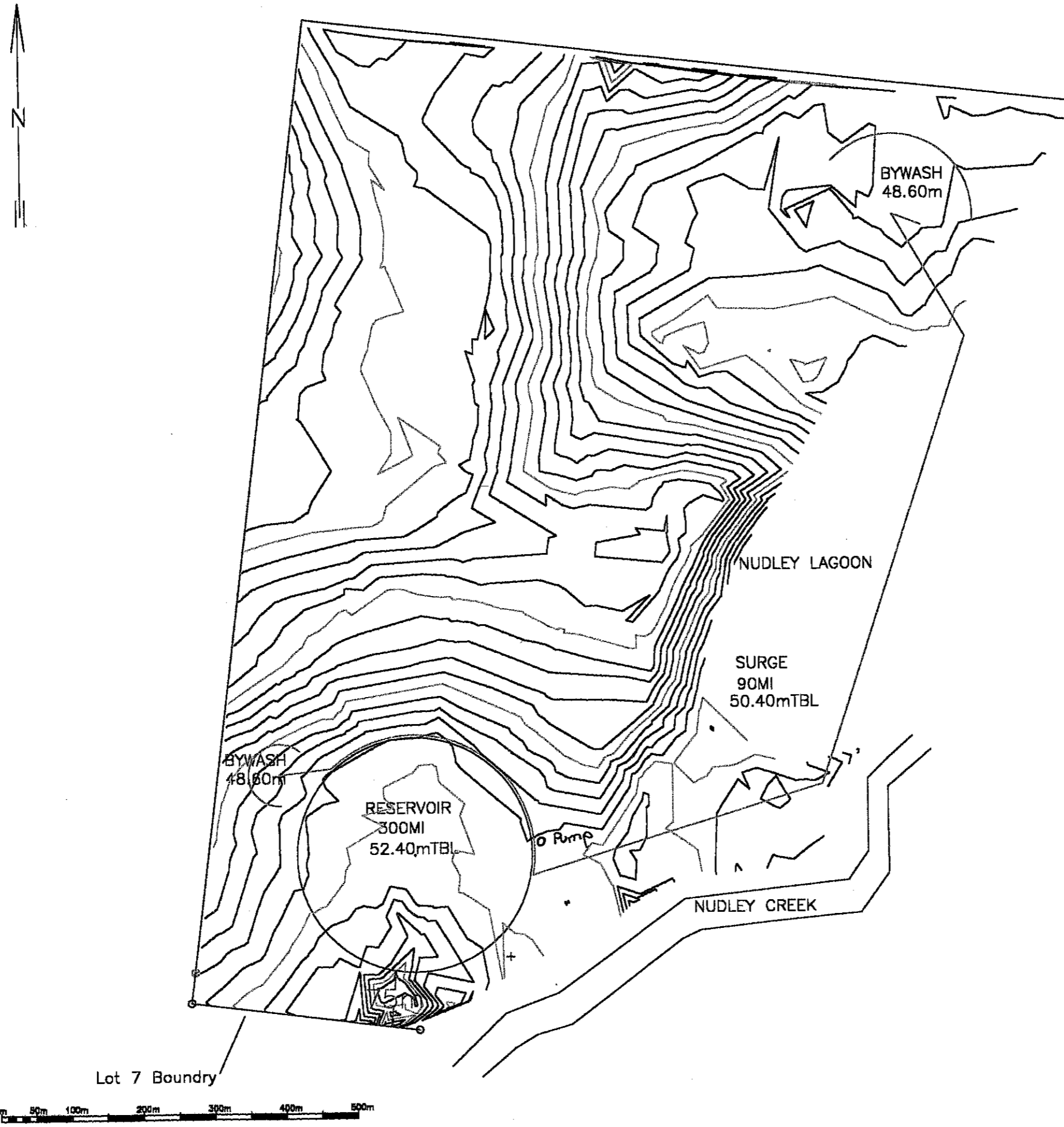


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Geotechnics · Environment · Groundwater

APPENDIX F



<p>CLIENT BAR - K FARMING PTY LTD BAR - K CHINCHILLA QLD</p>	<p>PROJECT OVERLAND FLOW DAM</p>	<p>DRAWING GENERAL LAYOUT</p>	<p>IRRIGATION DESIGN SERVICES P.O. BOX 920 GOONDIWINDI QLD 4390 PH. [REDACTED]</p>	<p>DRAWN: DBH SCALE: AS SHOWN DATE: 11-10-88 DRAWING FILE BAR-K</p>
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CHINCHILLA SHIRE COUNCIL

In Reply Please Quote: PF1679,2594,2820,2802 *A Vital Friendly Shire*

Our Ref: EH:KB
Your Ref:

25 October 1999

Department of Natural Resources
PO Box 273
CHINCHILLA Q 4413

ENTERED
IN INDEX

Dear Sir,

Re: Levee Bank Application

Attached please find copies of Levee Bank Applications recently received by Council as follows;

1. [REDACTED] - Lot 1 on [REDACTED] Parish of Ewer

Application has been advertised receiving one (1) objection [REDACTED]

2. [REDACTED] - Lot 8 on Plan [REDACTED] Parish of Buchan.

Application has been advertised receiving one (1) objection PR Etheridge.

3. [REDACTED] - Lot 27 on Plan [REDACTED] Parish of Logie.

Application is to be advertised on 28 October 1999 calling for objections to close on 26 November 1999.

4. Nebrean Pty Ltd - Lot 187 on Plan [REDACTED] and Lot 1 on [REDACTED] Parish of Earle.

Plans have been received, however application form and fees are outstanding.

Would you please consider these applications and Council's Consulting Engineers will contact you regarding inspections etc.

Yours faithfully,

[REDACTED]
CHIEF EXECUTIVE

PO Box 42 Chinchilla 4413
Telephone: (07) 4662 7056 Fax: (07) 4662 7720
ADDRESS ALL CORRESPONDENCE TO THE CHIEF EXECUTIVE

CHINCHILLA SHIRE COUNCIL

A Vital Friendly Shire

In Reply Please Quote:PF2820

Our Ref: EH:KB
Your Ref:

9 August 1999


Wambo Street
CHINCHILLA Q 4413

Dear Sir,

Re: Levee Bank Application

Reference is made to your recent application lodged for the proposal construction of an off-stream storage on land described as Lot 8  Parish of Buchan, County of Lytton.

I wish to advise that Council is unable to consider the application due to the lack of information, which is required to allow full assessment as follows;

1. Suitably sized plan to fully identify current land profiles.
2. Plans of proposed banks showing proposed construction details or type constructions.
3. Relationship between proposed storage and allotment boundary.
4. A plan of property, to a scale 1:10000 showing positioning of stream, direction of flow of water, location of works for overlaying on topography plan.
5. Plan should be prepared by a suitably qualified consultant.

The application has been placed on hold pending the receipt of the abovementioned information and once received further assessment will continue.

Council awaits the receipt on the required information.

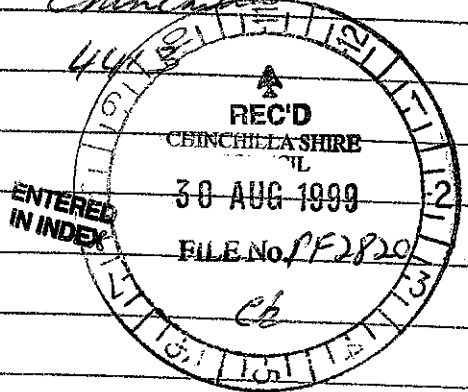
Yours faithfully,


CHIEF EXECUTIVE

Slanis

M/S [REDACTED]

Churchilla



[REDACTED]
Chief Executive
Churchilla Shire Council,

Dear Sir,

I am writing in regards to the application by [REDACTED] for offstream storage for water conservation.

It is not clear if the application is to pump water from Mudley Creek, from the documents this seems to be the case. If this is so I hope it is noted that there are several applications pending the W.A.M.P. review and all landowners should be allowed their fair share of water. This is particularly so when there is a partial flow from Drahock's gully which sometimes fills the creek along for several properties.

While I am not objecting outright to this proposal, I hope the Council has some influence on those that control this resource to come forward with a means to allow everyone equal access to the water, not just a couple of landholders.

I am one of those landowners who wants to use the water as well.

Yours faithfully,
[REDACTED]

Application for Permit Granted under the provisions of sub-section (24) of section 47 of the Local Government Act 1936-1988.

This application is required to be made by the registered owner of freehold land or the registered lessee of Crown leasehold land

I, [redacted] of [redacted] Chinchilla in the Shire of Chinchilla, being the owner/lessee of land situated as hereunder described and shown on the accompanying plan and upon which land is proposed to be constructed the work hereunder described, do hereby apply for a permit in respect of the said work.

- (1) Name of Applicant [redacted]
- (2) Postal Address [redacted] WAMBO ST CHINCHILLA QLD
- (3) Location of work (see also 10) Country LYTTON Parish BUCHAN
Real Property Description POR [redacted]
Area 400.008
- (4) Nature of Works OFF STREAM STORAGE
- (5) Purpose of Work WATER CONSERVATION.
- (6) Particulars of Work (if levee bank) -
 - (a) Total length of levee bank 1068 metres
 - (b) Maximum height 4.99 metres
 - (c) Width of top 4.00 metres
 - (d) Width of base 40 metres APPROX.
 - (e) Materials of which bank will be constructed COMPACTED CLAY
 - (f) If levee bank is on one side of stream, is levee bank crest higher or lower than lowest point on opposite bank and by how much? HIGHER BY 4.90m APPROX
 - (g) Height of top of bank above highest known flood level 4.00
- (7) Particulars of work (if drain or other excavation)
 - (a) Total length metres
 - (b) Maximum depth metres
 - (c) Width of top metres
 - (d) Width at base metres
 - (e) State nature of soil at site

- (8) Provision for preventing injury to other land arising from proposed work
..... N. A.
- (9) Period for which permit is required 10 YEARS
- (10) Plan of property, strictly to scale of 1:10 000 showing position of streams (if any), direction of flow of all water, location of work, property boundaries and typical cross sections of work.
- (11) Plan (to scale) of proposed levee bank showing proposed construction details.

I hereby certify that to the best of my knowledge and belief the information contained herein is true and correct and I enclose herewith the required application fee.

Date 14-7-99

Signature of Applicant

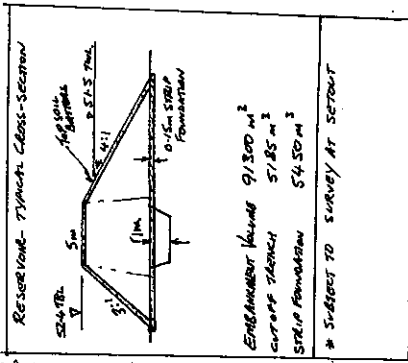
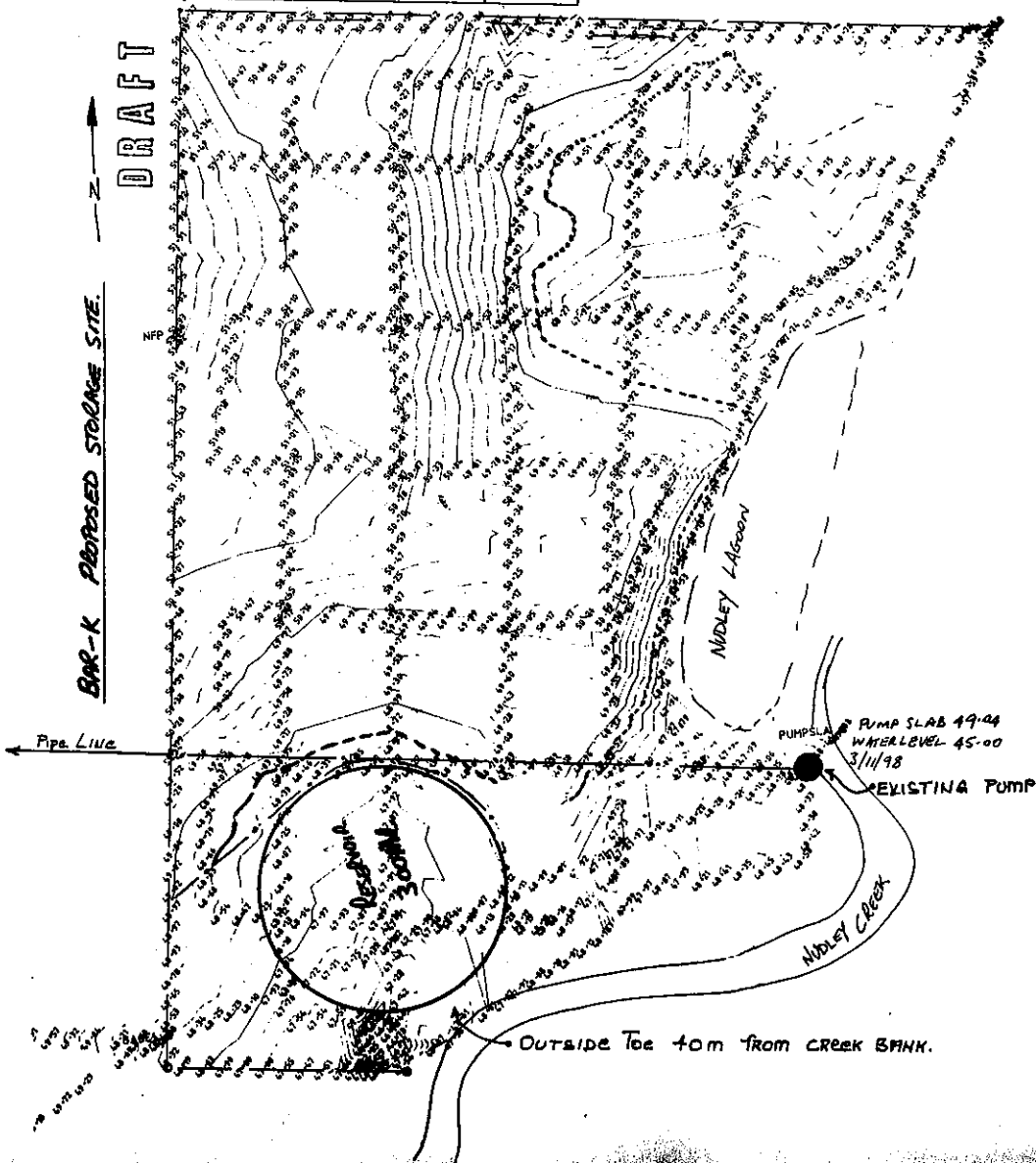


BARR-K CHINCHILLA.

19.6.99.

BARR-K PROPOSED STORAGE SITE.

DRAFT



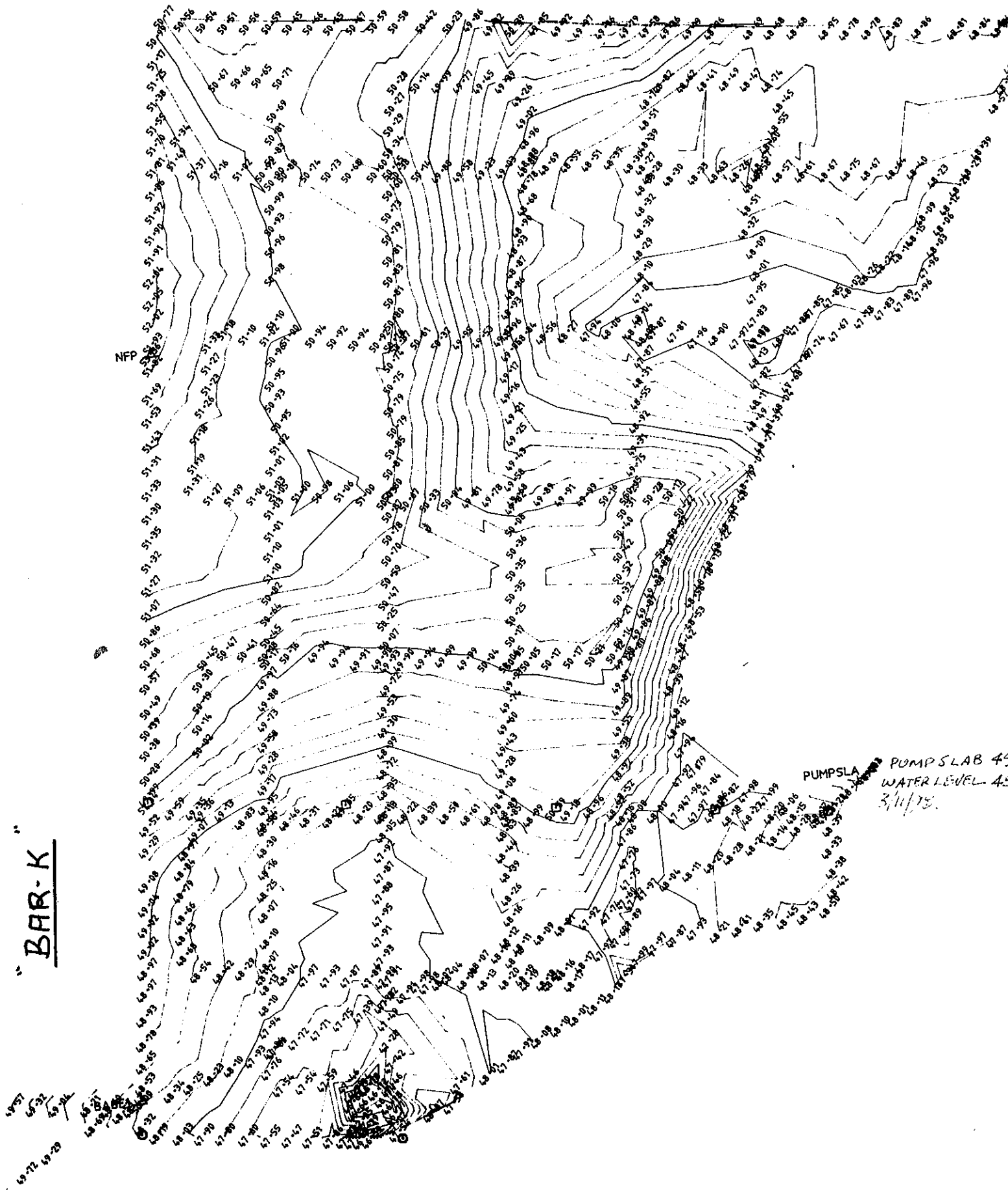
SCALE: 1:10,000 (A4 SHEET)

500m

BAR-K

NFP

PUMPSLA PUMPSLAB 49
WATER LEVEL 45
3/11/75



217

60.41 / 302.16
PLAN MUST BE DRAWN WITHIN BLUE LINES

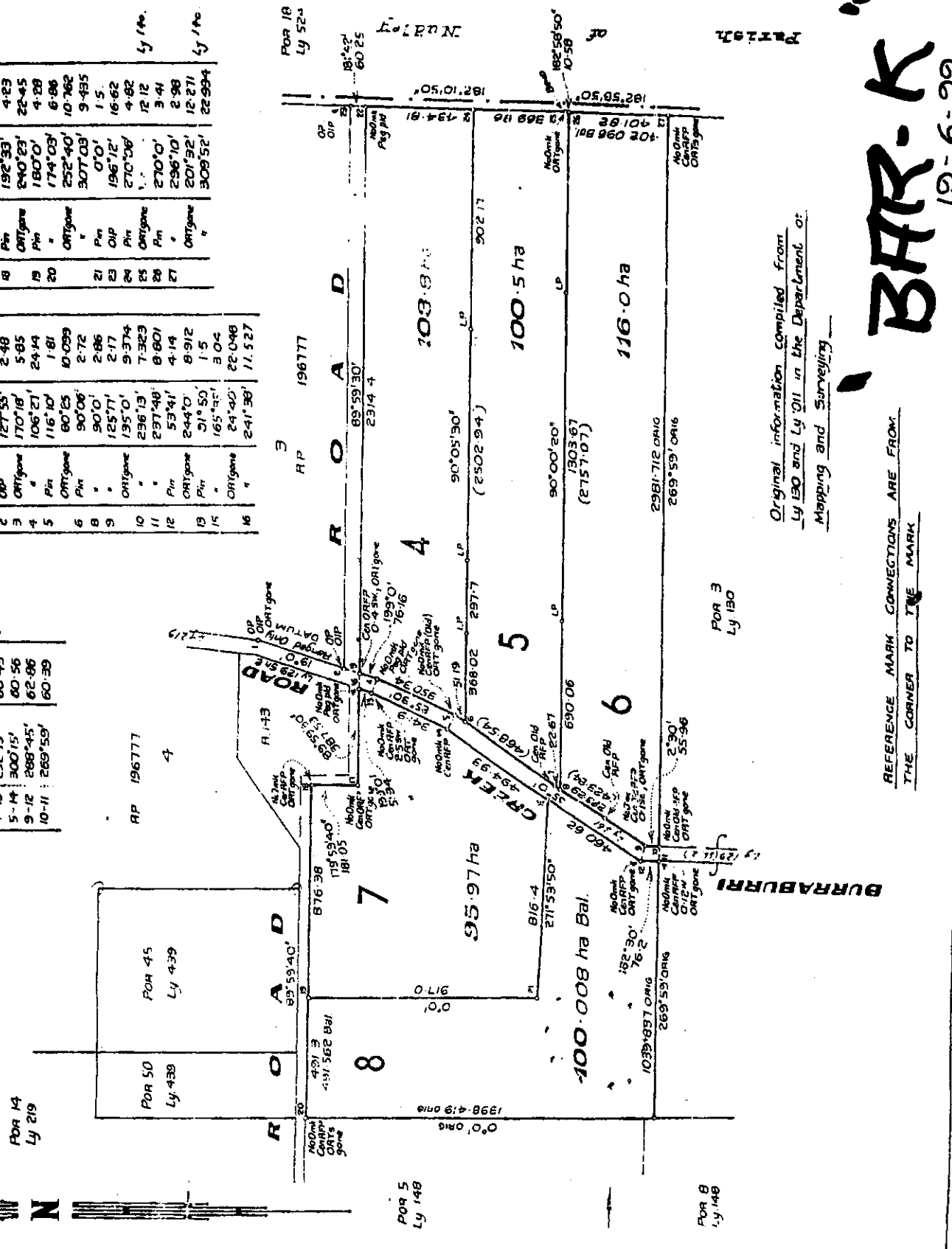
12.16
4.41
90.00
73.67

201217

SP	TO	BEARINGS	DISTANCE
17	Pin	45° 01'	9.65
18	Pin	163° 14'	14.28
19	Pin	192° 33'	2.48
20	Pin	240° 23'	5.85
21	Pin	180° 01'	24.14
22	Pin	174° 08'	1.81
23	Pin	252° 40'	10.099
24	Pin	307° 03'	9.435
25	Pin	0° 01'	1.5
26	Pin	196° 12'	2.72
27	Pin	270° 06'	2.17
28	Pin	270° 01'	9.374
29	Pin	270° 01'	7.323
30	Pin	237° 48'	8.801
31	Pin	53° 41'	4.14
32	Pin	244° 01'	8.912
33	Pin	21° 50'	1.5
34	Pin	165° 42'	3.04
35	Pin	241° 38'	22.048
36	Pin	241° 38'	11.527

LINE	BEARINGS	DISTANCE
1	0° 00'	40.27'
2	0° 00'	92.50'
3	0° 00'	127.55'
4	0° 00'	170.18'
5	0° 00'	106.27'
6	0° 00'	116.10'
7	0° 00'	60.25'
8	0° 00'	90.06'
9	0° 00'	125.71'
10	0° 00'	195.01'
11	0° 00'	236.13'
12	0° 00'	237.48'
13	0° 00'	53.41'
14	0° 00'	244.01'
15	0° 00'	21.50'
16	0° 00'	165.42'
17	0° 00'	241.38'

LINE	BEARINGS	DISTANCE
2-3	199° 01'	63.26
3-16	289° 59' 30"	63.895
4-15	292° 15'	60.45
5-14	300° 15'	60.56
9-12	288° 45'	62.86
10-11	269° 53'	60.39



Original information compiled from
Ly 500 and Ly 011 in the Department of
Mapping and Surveying

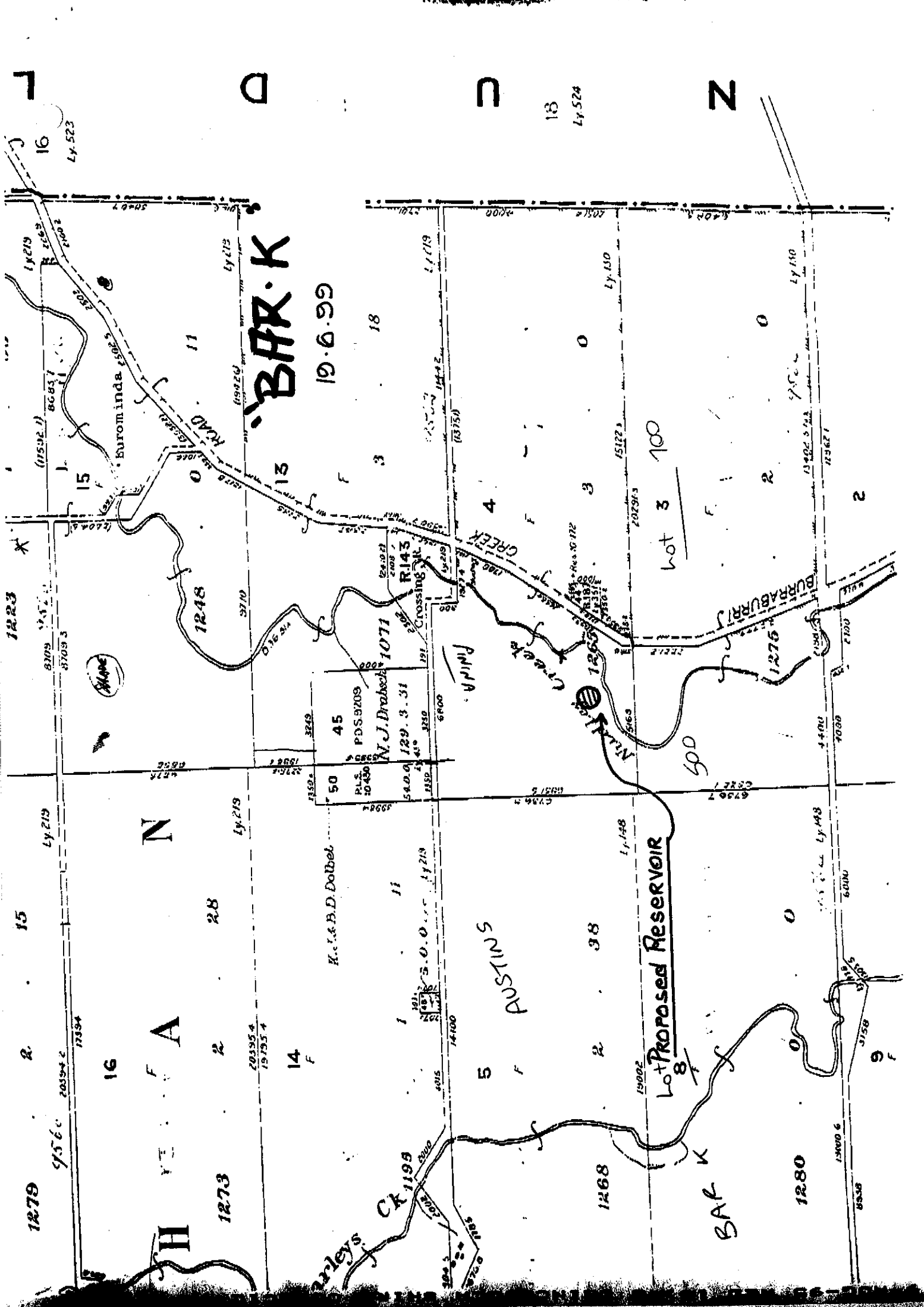
BARR-K

REFERENCE MARK CONNECTIONS ARE FROM
THE CORNER TO THE MARK

PLAN MUST BE DRAWN WITHIN BLUE LINES

201217

NO FIELD NOTES LODGED	PLAN OF Lots 4 to 8 Cancelling Portion 4 on Ly 1011	ORIG. PORTION ... 4
ORIGINAL GRANT 136925		TOWN
MAP REF. 9044-1	PROCLAIMED SURVEY AREA	PARISH ... BUCHAN
SURVEYED BY 17.11.84	MERIDIAN	COUNTY ... Lytton
SCALE 1:15000	PLAN = 201217	



BARR-K

Proposed Reservoir

N.J. Drabsch 1071
129. 3. 31

AUSSINS

Lot 3 100

16
Ly 523

18
Ly 524

Z

1223

15

1279

16

N

1273

28

1273

14

K. & B.D. Dothel

1268

11

S.O.O.

5

AUSSINS

1268

38

Proposed Reservoir

BARR-K

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