**Pavilion Partners Pty Limited**

5 December 2013
Mr Chris Kelly
Town Planner
Mount Alexander Shire Council
Halford Street
Castlemaine VIC 3450

Dear Chris

**RE: Coliban Water Water RFI 27 MARCH 2013**

Further to recent discussions I have outlined in this letter and its attachments the further information requested by Coliban Water on 5 April 2013 regarding the applications to build 3 broiler farms at Baringhup West.

I have copied the RFI's as per Coliban's letter and my responses below:

**RFI 1**: A Land Capability Assessment ("LCA") written in accordance with EPA publication 891.3 Code of Practice – On Site Wastewater Management. As a minimum the LCA should provide a plan showing system and effluent dispersal fields in relation to boundaries, waterways, drainange lines, buildings and topographic nature of the land and written in accordance the EPA's accompanying Information Bulletin, Land Capability Assessment for onsite Domestic Wastewater Management..

**Response to RFI 1**: A formal LCA will be provided once the planning approval for the development has been received and would form a condition of the Development Approval.

**Farm Water Management**

As shown on the site plans included in Attachment 1, there is a waterway known as Boundary Gully on the west side of the property. Farms 1 & 3 are nearest to this waterway. The distance of the buildings of Farms 1 & 3 are well over the required distances by the planning codes. Water runoff from the farms is only rain water from the roofs of the sheds and catchment on surrounding land and roads. The drainage plans of each farm will ensure that all runoff water is captured by drains and deposited into the proposed settling ponds. Each farm will contain a settling pond of approximately 10ML as shown in the site plan at Attachment 1. The land is not known to be subject to flooding.

As noted above, all storm water runoff from roofs, roads and hardstand aprons is controlled and collected via approved drains in settling ponds. Water used for wash down of sheds will be sourced from town water, bores and settling ponds and is free of chemicals. Sizeable drains are built between each shed and around the perimeter of the farm to ensure all runoff water is collected and used for bird drinking, cooling and wash downs. Refer to part 2.2.6 of the EMPs.

The only source of contamination of water can occur from flooding of the sheds and resultant seepage of water with litter contamination. Flooding of the sheds would be very detrimental, if not mortal to the birds. As such each farm is built on raised earth beds which are constructed to ensure that the sheds will never flood. The drainage system of each farm contains spoon drains between each shed which feed into a drainage system which surrounds each farm. These drains are

constructed such that any run off is collected in the settling ponds. The settling ponds will have a capacity of approximately 10ML each which is ample to deal with a 1 in 20 year ARI.

**Domestic Waste Water**

Domestic wastewater will comprise 2 sources being from the amenities rooms and houses on the farms. Domestic septic tank systems will be installed to manage all effluent from these sources. Note that the Planning Applications does not include houses on the farms.

Note that there will be no litter stockpiles or dead bird composting sites on the farm that can create waste water. All litter will be removed from the farms after the completion of each batch.

**RFI 2**: Proposed dwelling size and site plan that includes wastewater treatment system location and effluent fields.

**Response to RFI 2**: The Planning Applications do not include houses on the farms.

**RFI 3**: Waste site management responsibility that addresses how this would operate should farms be sold and run as separate enterprises.

**Response to RFI 3**: Each farm is a stand-alone operation built on separate titles and there is no sharing of domestic waste water treatment between the farms.

**RFI 4**: More detailed landscape plans of the proposed waste site and measures to prevent storm water runoff or potential environmental effects.

**Response to RFI 4**: Detailed applications will be made for the installation of domestic septic tank systems on the farms as part of conditions for the Planning Approval.

I hope this cover your queries – please call me to clarify any of the responses provided as required.

Yours truly

Michael Vukadinovic

Director

ATTACHMENT 1 : 1/2 AERIAL LAYOUT


NOTES

| REV | REVISION | BY | DATE | SHEET No. |
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LAND MANAGEMENT SURVEYS (MELBOURNE)
SURVEYORS ENGINEERS PLANNERS
34 BALCOMBE ROAD MENTONE 3194
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ORG FILE No. [illegible]

# BROILER FARM DEVELOPMENT
290 BARINGHUP-HAVELOCK ROAD
BARINGHUP WEST

OVERLAY OF ABORIGINAL HERITAGE SENSITIVE AREA

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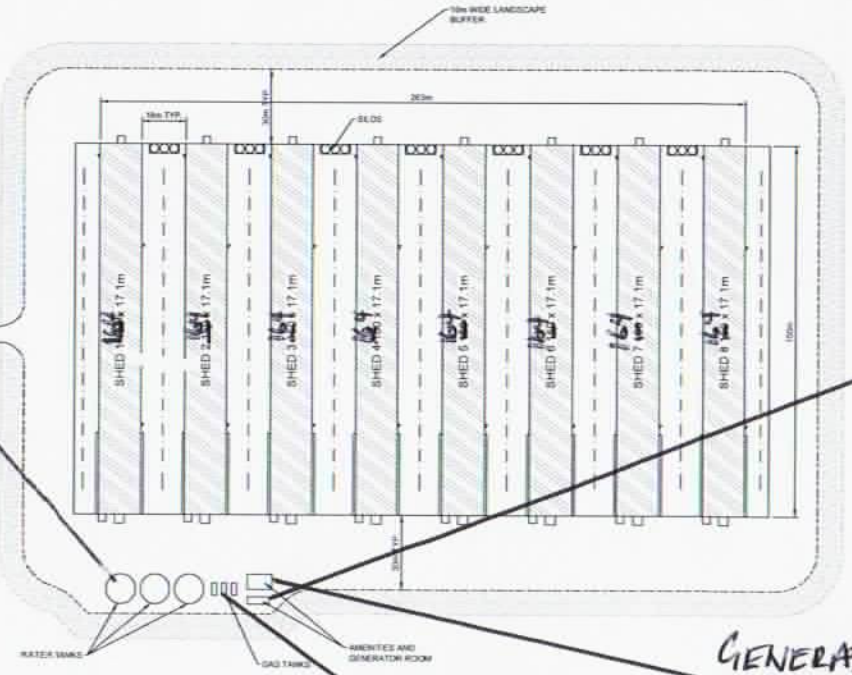
|---|---|
| SCALE | 1 : 15,000 |
| SHEET | 1 OF 1 |
| REVISION | - |
| FILE No. | 10795 |

ATTACHMENT 1: 2/2 FARM FOOTPRINTS

STORAGE TANKS
DIAMETER 12.4 mtrs
CAPACITY 250KL




AMENITIES ROOM
WIDTH 3mtrs
LENGTH 9mtrs

GENERATOR ROOM
WIDTH 8mtrs
LENGTH 10mtrs

GAS TANKS
LENGTH 6mtrs
DIAMETER 1.5mtrs

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

0 10 50
SCALE 1 : 1000 @ A1

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| REV | REVISION | BY | DATE | SHEET No. |
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| DESIGNED DATE | N.M. 8-11-13 | |
| DRAWN DATE | N.M. 8-11-13 | |
| CHECKED DATE | | |

LAND MANAGEMENT SURVEYS (MELBOURNE)
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DRG FILE No. 10559A ACAD Drwgs Anx1 10559A-ZLS-1000.dwg

~~BREEDER FARM OPTIONS~~
~~CARRS ROAD~~
~~ANAKIE, VICTORIA~~
TYPICAL SHED LAYOUT

SCALE : 1 to 1,000 @ A1
SHEET 2 OF 2
REVISION
FILE No. 10559A

**Pavilion Partners Pty Limited**

5 December 2013
Mr Chris Kelly
Town Planner
Mount Alexander Shire Council
Halford Street
Castlemaine VIC 3450

Dear Chris

**RE: EPA RFI 10 APRIL 2013**

Further to recent discussions I have outlined in this letter and its attachments the further information requested by EPA on 10 April 2013 regarding the applications to build 3 broiler farms at Baringhup West.

I have copied the RFI's as per EPA's letter and my responses below:

**RFI 1**: A detailed map with the surrounding residences and distances from each proposed farm. Details of any other broiler farms in the area and the distances to them.

**Response to RFI 1**: There are two houses in the proximity of the farms and no other broiler farms.

A house on the South West side of the farms is approx. 1,800 metres from Farm 1; approx. 3,100 metres from Farm 2; and approx. 1,300 metres from Farm 3 (refer Attachment 1).

A house on the South East side of the farms (Baker Residence) is approx. 2,600 metres from Farm 1; approx. 1,300 metres from Farm 2; and approx. 1,600 metres from Farm 3 (refer Attachment 1).

**RFI 2**: The direction of the fans

**Response to RFI 2**:As shown in Attachment 1, the air direction of the fans are as follows:

- Farm 1 – East
- Farm 2 - North East
- Farm 3 - North East

**RFI 3**: This RFI relates to the previously proposed composting facility.

**Response to RFI 3**: A composting facility is not intended to be installed and has been removed from the application.

**RFI 4**: Details of water management and any water treatment proposed for during the wash down phase.

**Response to RFI 4**: Within 2 days after each farm is emptied of all birds at the conclusion of a batch, all litter is cleaned out of the shed and removed from the farm by contractors. No litter will be stored on the farm. Within 2 days of the litter removal the sheds are washed down using water. The sheds

are then left open for approx. 5 days and any floor water from the washing process is evaporated naturally in the air. The washing process uses approximately 7,000 litres of water which is spread over approximately 2,800 square metres of shed floor space before evaporating. Minimal, if any water leaves the shed aprons following washing.

Water runoff from the farms is only rain water from the roofs of the sheds and catchment on surrounding land and roads. Sizeable drains are built between each shed and around the perimeter of the farm to ensure all runoff water is collected in settling ponds and used for bird drinking, cooling and wash downs. Each farm will contain a settling pond of approximately 10ML.

**RFI 5**: Will the farm be applying for ChickenCare accreditation.

**Response to RFI 5**: No, the farms will be accredited to grow chickens under the new RSPCA Accreditation.

**RFI 6**: These RFI's relate to the preliminary EMPs submitted.

**Response to RFI** : These RFIs have been addressed in the revised EMPs.

I hope this covers your queries – please call me to clarify any of the responses provided as required.

Yours truly

Michael Vukadinovic

Director

ATTACHMENT 1


| REV | REVISION | BY | DATE | SHEET No. |
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NOTES

LAND MANAGEMENT SURVEYS (MELBOURNE)
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DRG FILE No. I:\10795\ACAD\10795_ENGINEERING_14-.dwg

# BROILER FARM DEVELOPMENT
290 BARINGHUP-HAVELOCK ROAD
BARINGHUP WEST

OVERLAY OF ABORIGINAL HERITAGE SENSITIVE AREA

| | |
|---|---|
| SCALE | 1 : 15,000 |
| SHEET | 1 OF 1 |
| REVISION | - |
| FILE No. | 10795 |

**Pavilion Partners Pty Limited**

5 December 2013
Mr Chris Kelly
Town Planner
Mount Alexander Shire Council
Halford Street
Castlemaine VIC 3450

Dear Chris

**RE: Goulburn – Murray Water RFI 27 MARCH 2013**

Further to recent discussions I have outlined in this letter and its attachments the further information requested by Goulburn – Murray Water ("GMW") on 27 March 2014 regarding the applications to build 3 broiler farms at Baringhup West.

I have copied the RFI's as per MGW's letter and my responses below:

**RFI 1**: A scale drawn site plan showing dimensions and the location of all existing and proposed features of the development including sheds, managers residence, dam, litter stockpile, amenities buildings, etc. The site plan must identify the setback distances to any waterways, low lying areas or significant topographic features.

**Response to RFI 1**: See attached site plans at Attachment 1. Note that there will be no litter stockpiles and the application does not include an application for managers residences.

**RFI 2**: Proposed measures to protect waterways from the effect of development and whether any areas of the land are subject to flooding.

**Response to RFI 2**: As shown on the site plans included in Attachment 1, there is a waterway known as Boundary Gully on the west side of the property. Farms 1 & 3 are nearest to this waterway. The distance of the buildings of Farms 1 & 3 are well over the required distances by the planning codes. Water runoff from the farms is only rain water from the roofs of the sheds and catchment on surrounding land and roads. The drainage plans of each farm will ensure that all runoff water is captured by drains and deposited into the proposed settling ponds. Each farm will contain a dam of approximately 20ML as shown in the site plan at Attachment 1. The land is not known to be subject to flooding.

**RFI 3**: A description of the amenities building, its function and whether it will contain any facilities that generate waste or waste water.

**Response to RFI 3**: The amenities buildings at each farm will serve as rest rooms for employees and will contain 2 toilets each. The treatment of toilet waste will be through septic tanks.

**RFI 4**: A detailed description of the waste management and cleaning process in gthe sheds following removal of a batch of birds. This must identify whether any wastewater is generated and if so, how much and how it will managed on the site. It must identify the location and size of any infrastructure associated with the wastewater treatment process.

**Response to RFI 4**: Within 2 days after each farm is emptied of all birds at the conclusion of a batch, all litter is cleaned out of the shed and removed from the farm by contractors. No litter will be stored on the farm. Within 2 days of the litter removal the sheds are washed down using water. The sheds are then left open for approx. 5 days and any floor water from the washing process is evaporated naturally in the air. The washing process uses approximately 7,000 litres of water which is spread over approximately 2,800 square metres of shed floor space before evaporating. Minimal, if any water leaves the shed aprons following washing.

As noted above, all storm water runoff from roofs, roads and hardstand aprons is controlled and collected via approved drains in settling ponds. Water used for wash down of sheds will be sourced from town water, bores and settling ponds and is free of chemicals. Sizeable drains are built between each shed and around the perimeter of the farm to ensure all runoff water is collected and used for bird drinking, cooling and wash downs. Refer to part 2.2.6 of the EMPs.

**RFI 5**: A waste management plan describing in detail the quantity of litter/wood shavings collected from the shed floor after each batch, the location and capacity of any temporary stockpile storage site and the management of the stockpile to prevent any impact on ground surface waters. This must also identify the end use of the litter and if this is to be applied to the land on the site, it must include a land capability assessment to determine the types of soil, the types of crops/pastures to be grown and the land application rates based on appropriate N, P and K ratios.

**Response to RFI 5**: All litter will be removed from the farms immediately following each batch as described above. No litter will be stored on site or applied to the pastures of the property.

**RFI 6**: A stormwater management plan describing the management of any potentially contaminated stormwater and any proposed re-use. This must include a description of the souirce of the contamination and anticipated volumes in particular storm events (eg 1 in 20 year ARI).

**Response to RFI 6**: The only source of contamination of water can occur from flooding of the sheds and resultant seepage of water with litter contamination. Flooding of the sheds would be very detrimental, if not mortal to the birds. As such each farm is built on raised earth beds which are constructed to ensure that the sheds will never flood. The drainage system of each farm contains spoon drains between each shed which feed into a drainage system which surrounds each farm. These drains are constructed such that any run off is collected in the settling ponds. The settling ponds will have a capacity of approximately 10ML each which is ample to deal with a 1 in 20 year ARI.

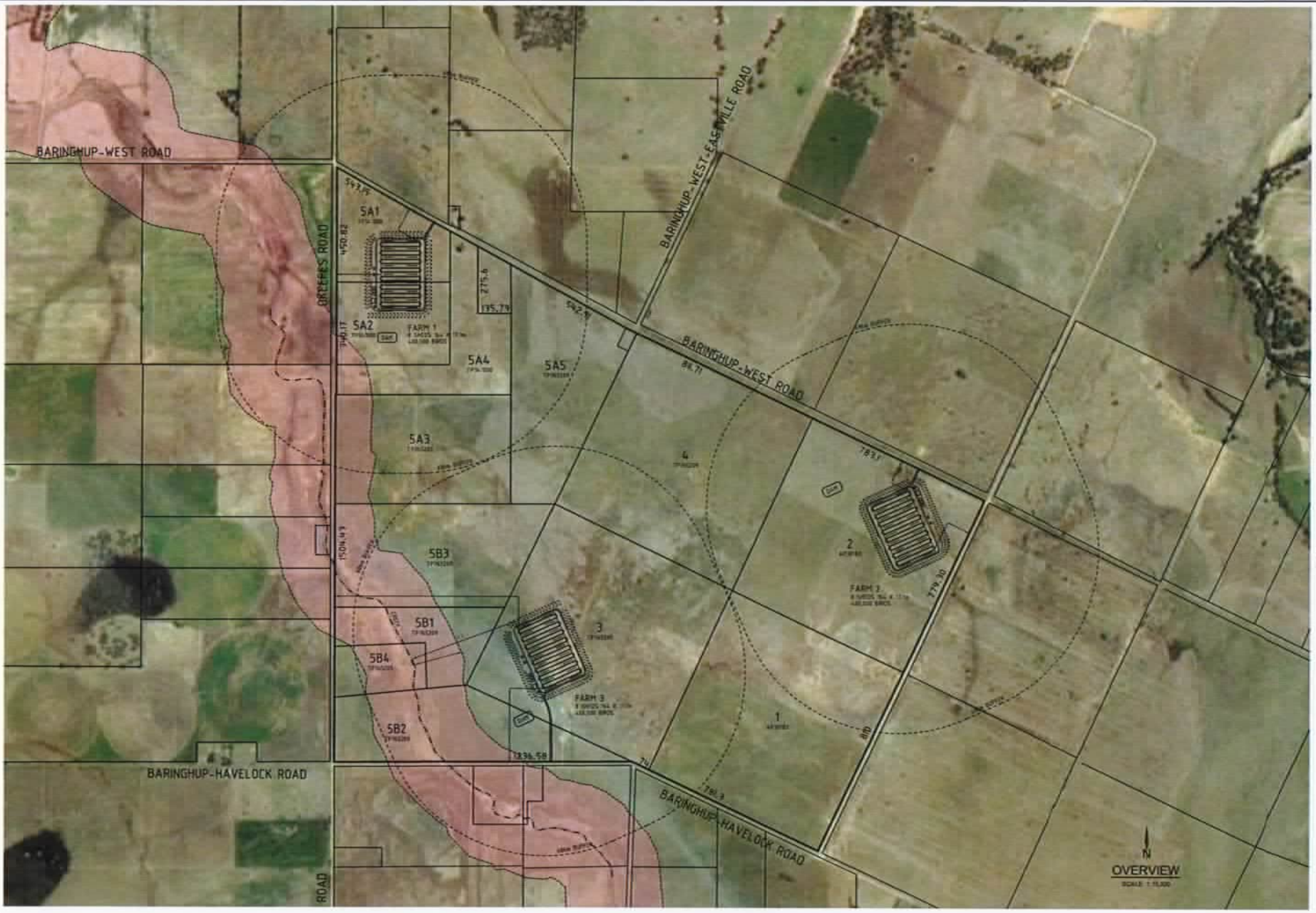
I hope this cover your queries – please call me to clarify any of the responses provided as required.

Yours truly

Michael Vukadinovic

Director

ATTACHMENT 1 : 1/3 AERIAL LAYOUT

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LAND MANAGEMENT SURVEYS (MELBOURNE)
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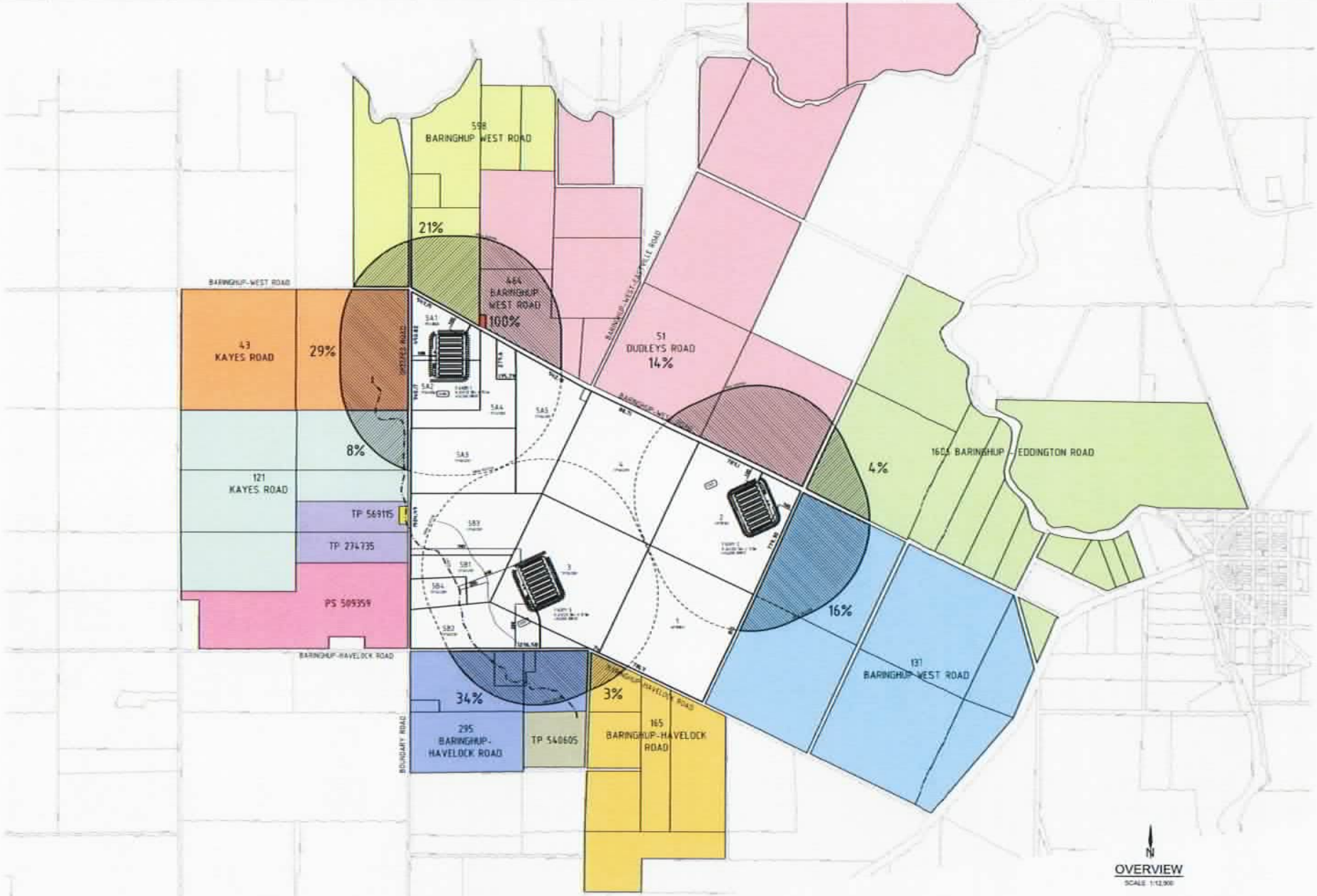
DRG FILE No. I:\10795\ACAD\10795_ENGINEERING_14-.dwg

# BROILER FARM DEVELOPMENT
290 BARINGHUP-HAVELOCK ROAD
BARINGHUP WEST

OVERLAY OF ABORIGINAL HERITAGE SENSITIVE AREA

| | |
|---|---|
| SCALE | 1 : 15,000 |
| SHEET | 1 OF 1 |
| REVISION | - |
| FILE No. | 10795 |

ATTACHMENT 1: 2/3 NEIGHBOURING PROPERTY SHADOWS

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PROPOSED LANDSCAPING SCHEME

| REV | REVISION | BY | DATE | SHEET No. |
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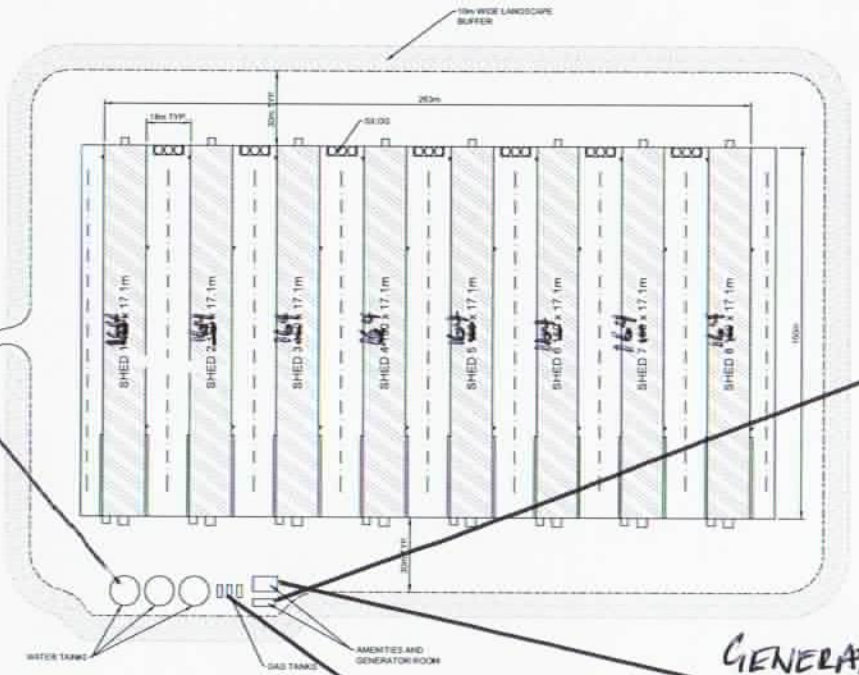
# BROILER FARM DEVELOPMENT
290 BARINGHUP-HAVELOCK ROAD
BARINGHUP WEST

COVERAGE BY LAND OWNERSHIP

| | |
|---|---|
| SCALE | 1 : 12,500 |
| SHEET | 1 OF 1 |
| REVISION | - |
| FILE No. | 10795 |

ATTACHMENT 1: 3/3 FARM FOOTPRINTS

STORAGE TANKS
DIAMETER 12.4 mtrs
CAPACITY 250KL




AMENITIES ROOM
WIDTH 3mtrs
LENGTH 9mtrs

GENERATOR ROOM
WIDTH 8mtrs
LENGTH 10mtrs

GAS TANKS
LENGTH 6mtrs
DIAMETER 1.5mtrs

0 10 50
SCALE 1 : 1000 @ A1

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

NOTES

| REV | REVISION | BY | DATE | SHEET No. |
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| DESIGNED / DATE | N.M. 8-11-13 | |
| DRAWN / DATE | N.M. 8-11-13 | |
| CHECKED / DATE | | |

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DRG FILE No.

~~BREEDER FARM OPTIONS~~
~~CARRS ROAD~~
~~ANAKIE, VICTORIA~~
TYPICAL SHED LAYOUT

SCALE : 1 to 1,000 @ A1
SHEET 2 OF 2
REVISION
F.I.E. No. 10559A