

**AFFIDAVIT**

**Planning and Environment Court**

**David Manteit V Brisbane City Council 2916/24**

All pages numbered 1-40.

I, David Manteit of 82 Rowe Tce Darra, developer, under affirmation says:

1. The Appellant alleges the the following findings of the actions of Margaret Orr occurred in the assessment of A006565555, 128 Ashridge Rd Darra -

Margaret Orr has performed unsatisfactory engineering as per Schedule 2 of the Professional Engineers Act 2002

Margaret Orr has performed unlicenced engineering as per S115 (1) of the Professional Engineers Act 2002 and S15 (1) of the Crime and Corruption 2001.

Margaret Orr has been grossly negligent in the assessment of A006565555.

2. This affidavit is provided in support of the Appellant's request that the same findings in 1. above are made in His Honour's judgement of this case, as per orders soight in point 10 of the Notice of Appeal.

3. I addition, for clarification, the Appellant seeks orders in the judgement, or orders aside from the judgement as the case may be, to

(a) make the sane findings set out in 1. and

(b) make a referral by His Honour to the appropriate third parties –

The Crime and Corruption Commission – for unlicenced engineering (criminal offence)

The Department of Prosecutions – Fraud squad (criminal offence)

In the presence of -

Signed:



Signed:



Deponent:

DAVID MANTEIT

Justice of the Peace:

PETER SPENSER WILLIAMS  
JP (Qual)



AFFIDAVIT

David Manteit  
82 Rowe Tce Darra 4076  
Ph 0424739923  
Email davidmanteit@hotmail.com



The Board of Professional Engineers for unsatisfactory conduct and unlicensed engineering (criminal offence)

The referrals are to provide a mentioning of why the referrals to each institution are made.

( c) Any other disciplinary orders that result from His Honour's findings.

4. In addition, the Appellant provides this affidavit in support of a Request for Subpoena Form 42 lodged with the Court 7/4/25 and requests that His Honour sign that request for Margaret Orr to attend as a witness in the trial on 28/4/25, as soon as possible.

5. Of particular concern is that Margaret Orr has demonstrated a reckless approach with no care as to future flooding, damages and the loss of life, caused by her actions in assessment, which have led to her issuing her illegal engineered approved Upstream and Onsite drainage stormwater plans in red.

6. Orr and the Respondent maintain steadfast their intention to cause nuisance flooding, damages and loss of life to the site and 2000 properties and 5000 persons downstream of the subject site.

7. Where used –

“Unsatisfactory engineering” refers to Schedule 2 of the Professional Engineers Act 2002

“Unlicensed engineering” is refers to S S115 (1) of the Professional Engineers Act 2002 and S15 (1) of the Crime and Corruption 2001.

“Gross negligence” is a heightened degree of negligence, representing a reckless disregard or extreme indifference for the safety or lives of others, exceeding ordinary carelessness and implying a conscious violation of safety rights.

“Council employees” –

Andrew Blake  
Roger Greenway  
Lucy Ting  
Margaret Orr  
Joel Wake  
Zarndra Piper  
Scott Ruhland





## **8. David Manteit DA report, lodged 10/7/24.**

The information below is provided to demonstrate that Orr and Council actions have been grossly negligent from 10/7/24 to 25/9/24 and all the way during that period.

### ***“Stormwater Code, lawful point of discharge”*** (Stormwater report)

Orr, unlicensed engineer, did not assess any part of David Manteit's DA report, nor did any of the other Council employees (with minor exceptions)

In particular, the *stormwater report* was not assessed by Orr or any of the Council employees.(with minor exceptions)

In any case if there was assessment done by Orr or Council employees, this has been found to be a grossly negligent assessment.

The independent engineer make a finding that it appeared there was no assessment of the existing terrain, by Orr and Council employees,

## **9. All Manteit's arguments in the stormwater report have been upheld by the independant engineer.**

The Da applicant, David Manteit provided extensive arguments and drainage pattern information in his assessment report in the stormwater report. The Appellant gave 11 flood warnings if there was an upslope condition issued by Orr and Council.

The stormwater report is more informative and more professional than that of any other stormwater report provided last calendar year involving an upslope catchment area of 3036 square metres or less. There was around 412 approved cases in the report filed by Manteit and around 57 cases where there were upslope pipe connections. In no cases were there any plans prepared by Council, except A006565555.

All Manteit's arguments in the DA application in relation to the reasons why there should not be an upslope stormwater connection, that David Manteit provided in the assessment report on 10/7/24 have been upheld by the Independent Engineer, as filed.

Manteit provided sufficient arguments in the Stormwater report on 10/7/24 that provision of a stormwater connection to any of the rear lots for an upslope connection is unnecessary and would cause flooding, if an upslope condition was issued.



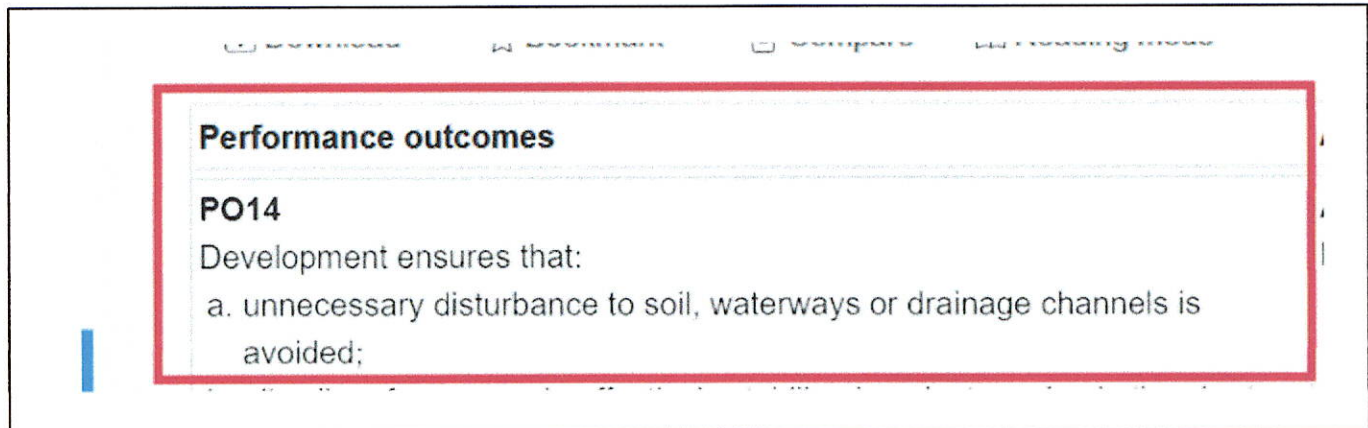
Manteit provided enough information without the need for an RPEQ.

In any case there was no information request issued. Council have had their Chance to allow another engineer Onsite and Upstream drainage. Council remain steadfast as to their illegal approved plans

It is inconceivable that any normal person of average intelligence can see where water can fall down to Ashridge Rd, from any rear lot. The only result is a charged pipe. But 8 Council employees were offered the chance at every opportunity to assess the levels.

All necessary information including an ONF survey plan was lodged with the DA application.

Three extracts of Council stormwater codes and planning scheme policies were provided to assist with the assessment. None of these Council's laws were referred to in the Notice of reasons 31/1/25. It is not disputed by Council. That fact alone is complete evidence that Orr and Council employees refused to follow and comply with Council laws.



Extract above of stormwater report

**Manteit**

*"unnecessary disturbance to soil, waterways or drainage channels is avoided"*

Manteit stated that no disturbance was required (no fill required).

**This was a flood warning to Council, should they condition an upslope connection (1)**

Orr 



It has been proven by the removal of all fill requirements as per Notice of Disputed



Gross negligence by Orr is already proven.

Orr and Council never assessed PO14.

Orr has demonstrated gross negligence

Orr has demonstrated unsatisfactory conduct

Orr has demonstrated unlicensed engineering.

### **Independent Engineer**

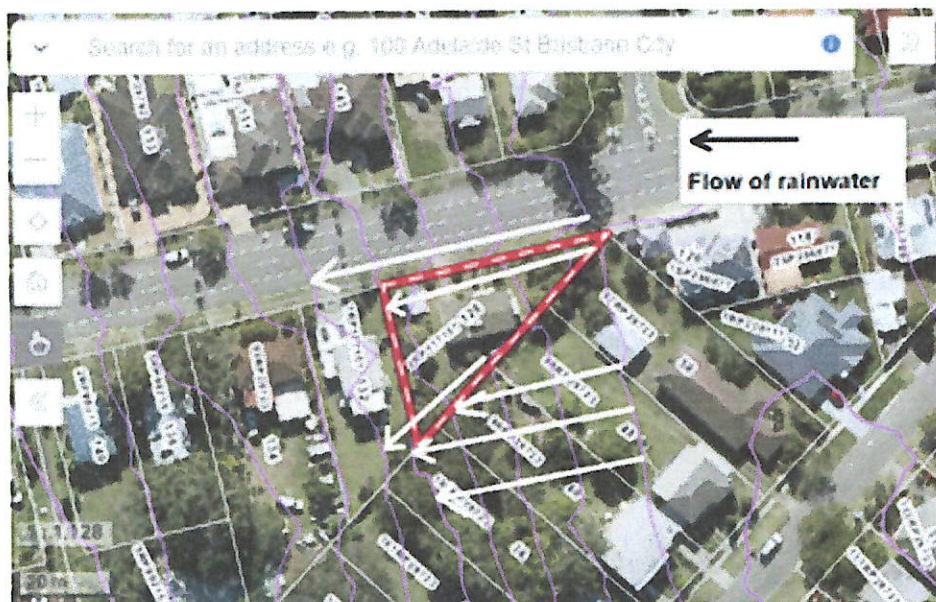
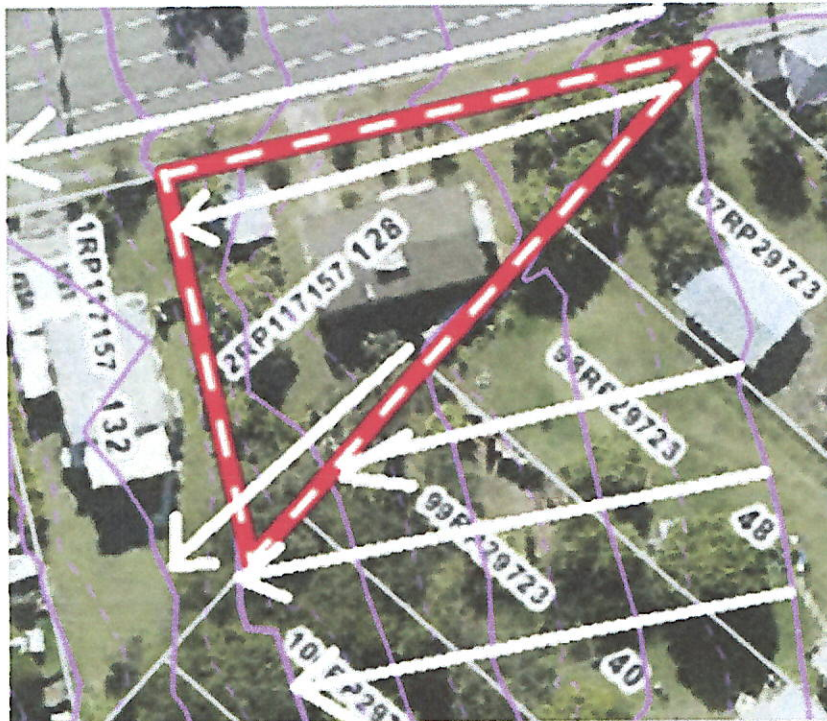
The independent engineer has upheld all David Manteit's argument.

- Natural drainage patterns already direct runoff downstream.
- The site's terrain prevents effective upstream drainage.
- A compliant connection would result in an exposed pipe, which is not feasible.
- A compliant connection based on providing minimum cover would result in an inefficient charged system.
- Forcing an upstream connection would lead to downstream nuisance flooding, violating the "No Worsening" principle.
- If the upstream properties are developed, they will generate flows exceeding the allowable kerb discharge limits.
- There is no viable OSD option to mitigate excess runoff, per Council's guidelines.



**Brisbane City Council Contours 2002.**

1) Contours 2002 show flow of rainwater in rear neighbours land falling downstream from one rear neighbour to the other rear neighbour, left of each other, rather than to the subject property.  
Therefore there are no "Upstream" neighbours to the subject development.



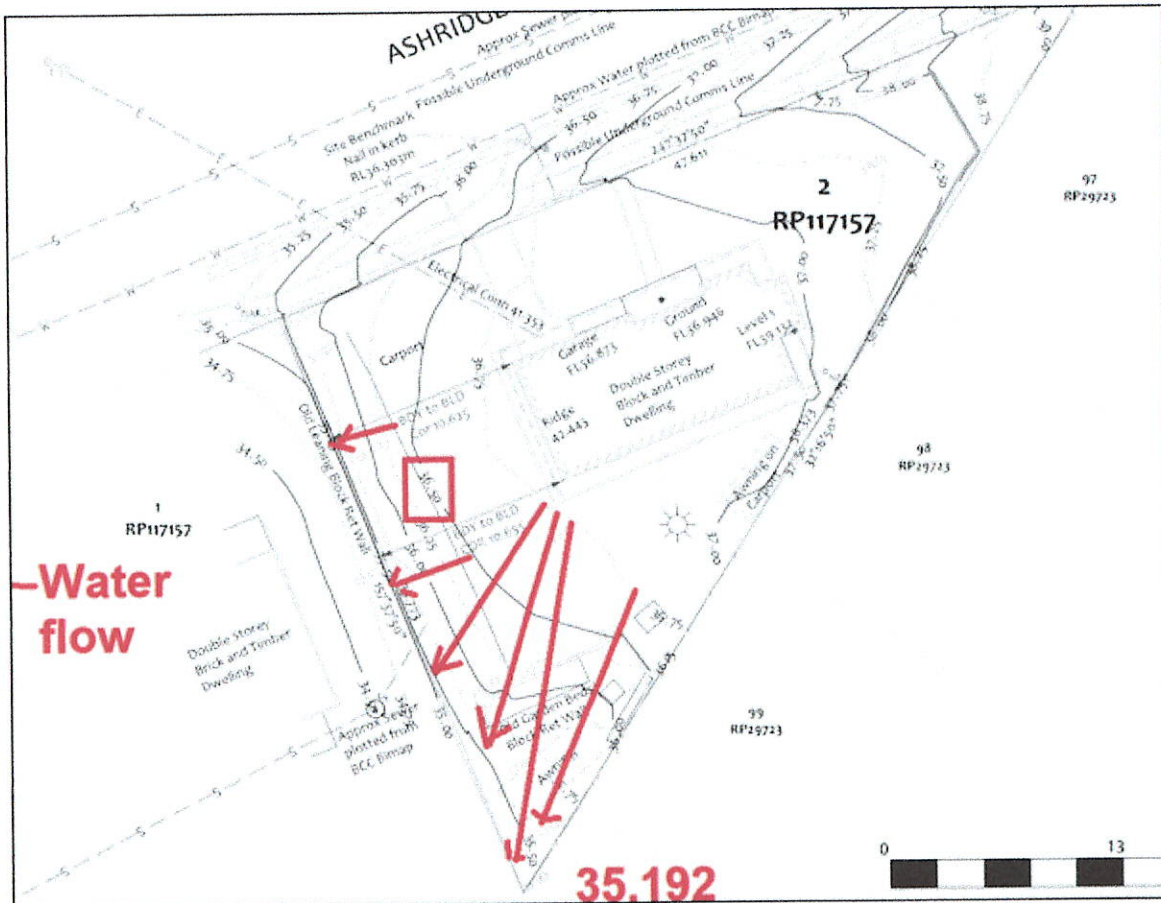
Above - extract of Manteit DA application showing that land falls to the west. (and rear)

A

AS & Will



2) Surveyor's contours.



A recent survey by ONF Surveyors shows that the natural flow of rainwater is from the middle of the subject property to right and rear of the subject property.

**Extract of stormwater report demonstrating that land falls to the rear and west. The peg of 35.192 is highlighted in 20 times magnitude for assessment officers.**

**Manteit**

*"A recent survey by ONF Surveyors shows that the natural flow of rainwater is from the middle of the subject property to right and rear of the subject property".*

**This was a flood warning to Council, should they condition an upslope connection (2)**

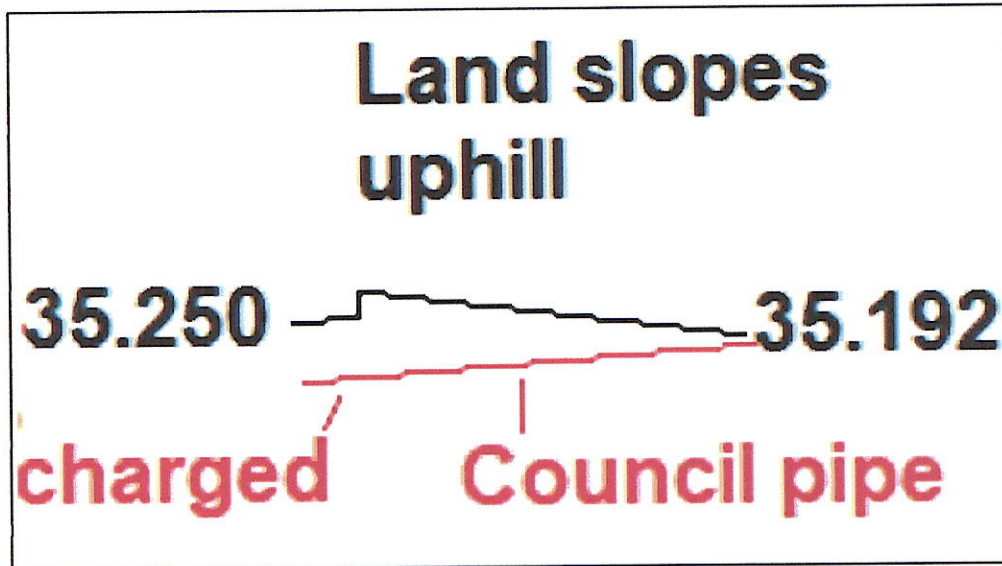
Manteit yet again provided proof that the land falls to the right and rear, and not to Ashridge Rd. All contours and spot marks can be seen.

Manteit provided six directional arrows demonstrating fall of water.

*Handwritten signature/initials.*

*Handwritten signature: ASL Will*

Manteit stated a bold AHD **35.192** for the rear right corner survey peg.



The surface level of 35.250 is surface level at kerb for identifying lawful point of discharge. The survey plan proves that the subject land slopes upward to Ashridge Rd. Allowing for cover, pipe and fall, the Council pipe would have been 1.29m underground at the kerb, as suggested in the Notice of Appeal, 19/11/24.

**This was a flood warning to Council, should they condition an upslope connection (3)**

Manteit lodged an audit report of 412 approved cases last year. In every single case, a survey plan was provided by the applicant upon application. David Manteit supplied a survey plan in this case.



**FILLING AND EXCAVATION CODE****9.4.3.2 Purpose**

1. The purpose of the Filling and excavation code is to assess the suitability of development for filling or excavation.
2. The purpose of the code will be achieved through the following overall outcomes:
  - a. filling or excavation does not adversely affect the visual character and amenity of the site or the surrounding area and provides access for maintenance to any structure as a result of filling or excavation.
  - b. filling or excavation does not adversely impact significant vegetation, water quality or drainage of upstream, downstream and adjoining land.
  - c. filling or excavation effectively manages the impacts associated with the activity.
  - d. filling or excavation and any retaining structure is designed and constructed to be fit for purpose and to protect services and utilities.

The Filling and Excavation Code requires that filling does not adversely impact significant vegetation..... drainage of upstream, downstream and adjoining land.

It has already been mentioned in the Stormwater Code that the applicant strongly rejects any requirement by Council to construct any stormwater assets for other properties. It was outlined that there are in fact no upstream properties to the subject site. In fact some of the rear properties are in fact downstream properties.

Any proposal to provide a stormwater pipe to rear neighbours would require up to 2.1m of filling. The filling could be required to extend up to sixty metres into the rear neighbours yard. It would also mean that the filling of the natural waterway at the rear would cause flooding on my site.

Above – Extract of Filling and excavation Code.

**Manteit**

***“Are in fact no upstream properties to the subject site”***

**This was a flood warning to Council, should they condition an upslope connection (4)**

***“In fact some of the rear properties are in fact downstream properties”***

**This was a flood warning to Council, should they condition an upslope connection (5)**

***“Filling required to extend up to sixty metres into the rear neighbor’s yard”***

**This was a flood warning to Council, should they condition an upslope connection (6)**






# ***“Would cause flooding On my site”***

**This was a flood warning by Manteit to Council, should they condition an upslope connection (7)**

## **Independent Engineer**

While it is understood that some portions of Lots 98 and 99 do drain towards the subject site, it is critical to note that all of Lot 2 naturally drains towards the downstream neighbouring property (Lot 1 RP117157). In addition to the above, over half of Lot 1 also drains towards the rear of the lot.

As such, any runoff from Lots 98 and 99 that does enter the subject site immediately continues to the downstream neighbouring properties rather than accumulating on site. This will imply that an upstream stormwater connection would serve no practical function as stormwater runoff already naturally drains downstream away from Ashridge Road.

With the above, it can be deduced that Council's request for upstream connections for Lots 98 and 99 are based on an assumed need rather than an assessment of the actual drainage patterns on site.

**Existing drainage patterns – Independent engineer 28/3/25.**

## **Independent engineer**

***“Council's request for upstream connections for Lots 98 and 99 are based on an assumed need rather than an assessment of the actual drainage patterns on site.”***

These are the independent engineer's words, provided without any consultation from Manteit to the engineer, in order to maintain independence.

## **Orr**

Orr and Council never did any assessment of where water wants to fall, the actual drainage patterns, during the assessment process.

Orr did not assess the survey plan before engineering the illegal flooded, Orr and Council approved stormwater plan amended in red.





Orr and Council never assessed the survey plan provided by Manteit.

In other words, Orr never made an assessment of existing drainage patterns.

It is therefore obvious that Orr nor any Council employees have never assessed the actual drainage patterns. Orr has been grossly negligent in not assessing existing drainage patterns.

Drainage patterns include the patterns of contours spaced 250 mm apart, as per ONF survey plan.

### What other evidence does one need of drainage patterns?

Orr is a Team leader of the Assessment Team. Orr had a chance to make an assessment, of the existing drainage conditions, for the whole 77 days of the assessment period.

Orr has demonstrated gross negligence

Orr has demonstrated unsatisfactory conduct

Orr has demonstrated unlicensed engineering.

#### 7.6.5 Provision of drainage for future upslope development of a neighbouring property

1. Provision must be made for the future orderly development of adjacent properties with respect to stormwater drainage where at least part of those upslope properties would drain through the development, or the most feasible location for stormwater drainage infrastructure to service those properties is within the development.
2. If a piped drainage connection is provided for up-slope development, the drainage infrastructure must fully extend to the boundary of the up-slope site to ensure that the up-slope property owner does not have to undertake works in the down-slope property to connect to this stormwater infrastructure.
3. Where a pipe is used to facilitate an up-slope stormwater connection (now or in future) the minimum pipe size is 225mm nominal diameter for any development. This stormwater pipe must be connected to a lawful point of discharge.
4. The development is to design any up-slope stormwater connection for fully developed catchment flows.

#### Chapter 7 Stormwater Drainage extract above.

1) There is no adjacent properties that "would drain through the development." All rear properties drain left to right of each other, not to 128 Ashridge Rd Darra.

2) There is no feasible location for stormwater drainage to service these properties through the development. I am not building a 2m retaining wall for anybody.

Above – extract of David Manteit DA assessment report.

**Manteit**

*"S.7.6.5"*

To be clear, the meaning of the word "development" in that Council phrase of S7.6.5 is the subject site development, not the rear site development. This is not to be confused with the other mentions of the word "development".

The purpose of Manteit specifically underlining words was to draw attention to the fact that the subject site is not the most feasible location to service the orderly development of the Council alleged upslope properties. In fact it is impossible to service from Lots 98 and 99 and 100.

These alleged upslope properties will cause a flooding disaster flow of 171 l/s = 14.7 million litres per day of floodwater through the subject site, Q20.

*David Manteit gave Council a full cutout of Council law, in Chapter 7 PSP. No sections are left out.*

Manteit provided Council law to the Council. (S7.6.5). Manteit could not be any more transparent.

**This was a flood warning to Council, should they condition an upslope connection. (8)**

*"There is no adjacent properties that would drain through the development"*

**This was a flood warning to Council, should they condition an upslope connection. (9)**

*"All rear properties drain left to right of each other, not to Ashridge Rd Darra."*

**This was a flood warning to Council, should they condition an upslope connection. (10)**

*"There is no feasible location for stormwater drainage to service these properties through the development."*

Manteit advises that there is no lawful point of discharge for the alleged upslope lots.

**This was a flood warning to Council, should they condition an upslope connection. (11)**






“**Drain**” means water **falling downhill**. “**Through**” means from point A to point B.

If water does not drain to one point, it will naturally choose to pick some other area to drain to.

## Independent engineer

The David Manteit stormwater report advice is upheld by the Appellant engineer.

- Forcing an upstream connection would lead to downstream nuisance flooding, violating the “No Worsening” principle.

- The site's terrain prevents effective upstream drainage.

- If the upstream properties are developed, they will generate flows exceeding the allowable kerb discharge limits.

- Natural drainage patterns already direct runoff downstream.

- The site's terrain prevents effective upstream drainage.

With the above, it can be deduced that Council’s request for upstream connections for Lots 98 and 99 are based on an assumed need rather than an assessment of the actual drainage patterns on site.

## “Based on need rather than an assessment”

In addition to the above. If the proposed infrastructure was design solely based on providing minimum cover over the entirety of the proposed pipe network illustrated in diagram 3 obtained from attached concept sketch CW24091-SK01-REVA:

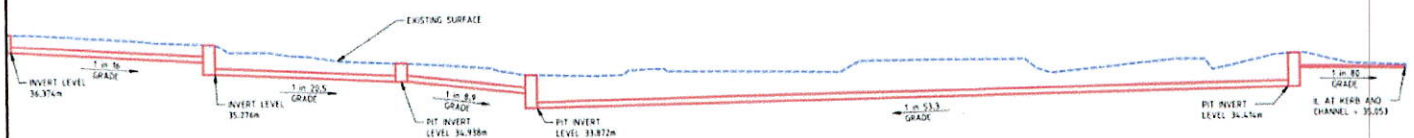


Diagram 3: Stormwater schematic based on Council’s approved sketch with minimum cover

It will result in a charged system with an approximate drop of 1.181m between the internal network and the kerb outlet resulting in a charged system that would be inefficient.

*AK*

*ASL Will*

### Independent engineer

The independent engineer shows a charged pipe of 1.181m below ground.

Orr

*“Based on need rather than an assessment” – independent engineer*

## Orr and Council did no assessment whatsoever

Orr wished to force an upstream connection that would cause downstream nuisance flooding, violating the “no worsening” principle.

Orr engineered design will generate flows exceeding the allowable kerb discharge limits.

Orr has not assessed site terrain or whether falls to Ashridge Rd or if the subject land is in fact upslope to the rear lots.

Orr has not assessed to see whether the surface levels can support her illegal flooded and approved upslope drainage plan in red.

Orr has demonstrated gross negligence  
Orr has demonstrated unsatisfactory conduct  
Orr has demonstrated unlicensed engineering.

Neither Orr nor any Council employees have ever assessed S7.6.5.

Orr is a Team leader of the Assessment Team. Orr had a chance to make an assessment, of the existing drainage conditions, for the whole 77 days of the assessment period

Orr refused to assess her own Council laws or engineering methodologies.

That is gross negligence by Margaret Orr.

When a person performs engineering and produces an approved engineering plan without an engineering licence, this is unlicensed engineering. This is a criminal offence. Orr and Council have not disputed Orr has performed unlicensed engineering.





The Orr and Council stormwater plan in red is charged, flooded and there is no lawful point of discharge. It does not comply with Council laws. All PSP Chapter 7 laws refer to specific engineering methodologies within each and every section of those Council Laws.

Orr was negligent by refusing to assess David Manteit DA stormwater report, but had time to assess, from 10/7/24 to 25/9/24.

Orr refused to assess any part of S7.6.5, let alone any part of Chapter 7.

Orr has been grossly negligent by not assessing this crucial Council law, S7.6.5.

Orr has demonstrated gross negligence

Orr has demonstrated unsatisfactory conduct

Orr has demonstrated unlicensed engineering.

"Stream" being the operative word. The only "Stream" is that when it rains, the water on the subject site falls to the rear and right of Proposed Lot 2. The rear and right boundary peg is AHD 35.192.  
The proposed Lot 2 AHD will be 36.75

Proposed AHD Lot 2	36.750
Rear right	<u>35.195</u>
Rise from lowest point on Proposed Lot 2	1.560 metres.

Above – extract of David Manteit DA assessment report.

***"The rear and right boundary peg is AHD 35.192."***

Orr never assessed the boundary peg.

***When it rains, the water on the subject site falls to the rear and right of Proposed Lot 2"***

**This was a flood warning to Council, should they condition an upslope connection. (11)**

Independent engineer

- Forcing an upstream connection would lead to downstream nuisance flooding, violating the "No Worsening" principle.

- The site's terrain prevents effective upstream drainage.

- If the upstream properties are developed, they will generate flows exceeding the allowable kerb discharge limits.

- Natural drainage patterns already direct runoff downstream.

- The site's terrain prevents effective upstream drainage.

With the above, it can be deduced that Council's request for upstream connections for Lots 98 and 99 are based on an assumed need rather than an assessment of the actual drainage patterns on site.

Orr

Orr never assessed the rear and right boundary peg or the land sloping away from Ashridge Rd.

Orr has demonstrated gross negligence  
 Orr has demonstrated unsatisfactory conduct  
 Orr has demonstrated unlicensed engineering.

## Orr and Council non - compliance with Council laws

## 10. Rainfall calculations

### 7.2.2.2 Design average recurrence intervals

- (1) The rainfall intensities used for flow estimation in Brisbane for the 1 year ARI to 100 year ARI (63% to 1% AEP) events are shown in [Table 7.2.2.2.A.](#)

Table 7.2.2.2.A—Rainfall intensity-frequency-duration (IFD) for Brisbane

Duration (minutes)	Probability (AEP and ARI) and intensity (mm/h)						
	63%	39%	18%	10%	5%	2%	1%
	1 year	2 year	5 year	10 year	20 year	50 year	100 year
5	117	151	191	215	248	291	325

Above extract of S7.2.2.2 and Table 7.2.2.2 A

Manteit

S7.2.2.2 Rainfall is used for flow estimation under the **Rational Method**. 20 year means every 20 years, or AEP 5%.






1 year means this is the rainfall for a 5 minute duration, across a site, on average once a year. Many examples are provided free by Quilty.

Quilty –  
Rational method

(link)

### Rational Method Peak Discharge

$$Q_y = \frac{C_y I_y A}{360}$$

Peak discharge  $Q = CIA/360$  (m<sup>3</sup>/s)

$$Q_2 = (C_2 I_2 A)/360$$

$$Q_2 = (0.68 * 138 * 0.1870)/360$$

$$Q_2 = 0.049 \text{ m}^3/\text{s}$$

### Independent Engineer

- **Rainfall Intensity (mm/hr) – Data obtained from BCC Infrastructure Design PSP – Chapter 7 Table 7.2.2.2.A.**

### Orr

Orr and Council never used their own Council laws for rainfall calculations.

Orr did not assess nor instruct any Council employee to assess 7.2.2.2 and Table 7.2.2.A.

Orr has not used Chapter 7 PSP. This is a Council law. Orr and Council have demonstrated they do not follow Council Laws. This demonstrates negligence by Orr and Council.

These are annual rainfalls. These numbers are used in the Rational Method calculation of amount of flow.

Margaret Orr has been grossly negligent by not using these Council laws.

Orr has designed an illegal flooded approved urban drainage plan without doing any engineering calculations.

Orr and Council design will cause 3,628,800 litres of floodwater per day, every year (Q1) onsite and to the 2000 downstream properties causing damage and possible loss of life.




This is unsatisfactory engineering and unlicensed engineering.

Orr has demonstrated gross negligence

Orr has demonstrated unsatisfactory conduct

Orr has demonstrated unlicensed engineering.

## 11. Drainage

### 7.2.2.3 Drainage

- (1) Council's design standards for stormwater infrastructure vary for different types of land uses. The design standards for roof water, drainage in private roads/driveways and for drainage in roads fronting those types of development are set out in [Table 7.2.2.3.B](#).
- (2) Pipe drainage of on-site roof water and surface water from paved and unpaved areas must comply with [AS/NZS 3500.3:2003 Plumbing and drainage - Stormwater drainage, QUDM for Level III, IV and V drainage standards](#).
- (3) The design of the major system must ensure flows can be conveyed safely. Where the major system is part of a road, this may require increasing the capacity of the minor system above that shown in this table to ensure flow depths and hazard are acceptable (refer to [QUDM](#)).

**Table 7.2.2.3.B—Design standards for drainage systems**

Development category	Design parameter	Minimum design standard	
		AEP	ARI (years)
Rural areas (typically 2–5 dwellings per hectare)	Minor drainage system	39%	2
	Major drainage system	2%	50
Residential developments (Low density residential)	Minor drainage system	39%	2
	Major drainage system	2%	50
	Roof water drainage	Level II <a href="#">QUDM</a>	
Residential developments (Low–medium density to High density)	Minor drainage system	10%	10
	Major drainage system	2%	50
	Roof water drainage	<u>Level III and Level IV</u> <a href="#">QUDM</a>	

## Manteit

### Council law 7.2.2.3

Council law 7.2.2.3 specifically requires Orr and Council to follow minimum design standard Level III QUDM.

S7.2.2.3 and Table S7.2.2.3 B states that for residential developments zoned low-medium density that for a roof drainage system, Level III QUDM must be used.

### Independent engineer

Independent engineer “in accordance with QUDM and Infrastructure Design PSP – Chapter 7” (below)

Independent engineer has been conservative using 600sqm of roof when 900sqm of roof is what David Manteit found to be conservative from a Town Planning review filed 24/3/25.






## 6. Future Development Considerations

An assessment of post-development discharge for the upstream fully developed site conditions for Lots 98 and 99 have been undertaken using the Rational Method taking into consideration of the site in its entirety as well as a conservative potential total roof area of 600m<sup>2</sup>, in accordance with QUDM and BCC Infrastructure Design PSP – Chapter 7. The below calculations are only for 1 lot considering the lot sizes are the same.

## Orr

Neither Orr nor Council have used S7.2.2.3A Council table. Orr and Council have been grossly negligent.

If Orr and Council had used this Council law, they would have not caused a flood that would cause nuisance flooding, property damage and possible loss of life.

Orr has demonstrated gross negligence  
Orr has demonstrated unsatisfactory conduct  
Orr has demonstrated unlicensed engineering.

## 12. Coefficient

### 7.3.3.1 Fraction impervious

- (1) Designers are to refer to [QUDM](#) section 4.5 for methodology in determining the run-off coefficients.
- (2) The C10 coefficients of discharge shown in [Table 7.3.3.1.A](#) are to be used for rational method calculations.

**Table 7.3.3.1.A--Coefficient of discharge C10 for development**

Development category	C10
Central business areas (including in the Principal centre zone and Major centre zone)	0.90
Industrial uses and other commercial uses (including in the District centre zone and Neighbourhood centre zone)	0.88
Significant paved areas (e.g. roads and car parks)	0.88
Medium density and high density residential land uses	0.88
<u>Low-medium density residential land uses</u>	<u>0.87</u>

### S 7.3.3.1 Fraction coefficient

## Manteit

The fraction coefficient is used to input into the Rational method.

The correct coefficient is .87, as per Council laws.

## Independent engineer

- **Runoff Coefficient ( $C_{10}$ )** – 0.870 (According to QUDM Section 4.5). This is based on the future lot being fully developed (LMR3).

Orr

Orr and Council never used a coefficient. They preferred to flood Darra residents with 3,552,555 litres of rain every day, once a year Q1.

Orr has demonstrated gross negligence  
 Orr has demonstrated unsatisfactory conduct  
 Orr has demonstrated unlicensed engineering.

## 13. Roof area

### Manteit

A roof area must be nominated for the upslope catchment so one can determine the flow.

Site cover is not roof area but it is a place to start. Site cover for the rear lot catchment areas can be up to 80% if some lots are less than 200 sqm. The smallest lot for these sites is 180 sqm.

Two comparative sites, 85 and 101 Ducie St Darra, are LMR2. The minimum lot size there is 250sqm for a front lot. In both zonings the rear lot is minimum 350sqm.

It is estimated that each rear lot 98, 99, 100 can be up to 95% roof cover, but conservatively 90%.

Manteit has used 900sqm for roof size for Town Planning calculations.

#### AO8

Development results in a maximum site cover of:

- 50% where the lot is 400m<sup>2</sup> or more; or
- 60% where the lot is 300m<sup>2</sup> or more and less than 400m<sup>2</sup>; or
- 70% where the lot is 200m<sup>2</sup> or more and less than 300m<sup>2</sup>; or
- 80% where the lot is less than 200m<sup>2</sup>.

Editor's note—For the purposes of determining compliance with AO8 reference is to be made to [section 1.7.6](#).

City Plan



**SITE COVER****ADMINISTRATIVE TERM**

Site cover, of development, means the portion of the site, expressed as a percentage, that will be covered by a building or structure, measured to its outermost projection, after the development is carried out, other than a building or structure, or part of a building or structure, that is—

- a. in a landscaped or open space area, including, for example, a gazebo or shade structure; or **Patio cover**
- b. a basement that is completely below ground level and used for car parking; or
- c. the eaves of a building; or
- d. a sun shade. **Patio cover**

**City Plan**

The definition of site cover excludes eaves and sunshade devices, like patio covers and carports.

A roof area must be nominated for the upslope catchment so one can determine the flow.

The flow can be determined from a layman's Council low density estimate, which is available in S7.2.2.2, or using the proper Rational Method as per Level III of the QUDM.

Even if Orr had used the 15 l/s for 250sqm roof, it would hve been detrmined that there would be a flood of massive proportions.

**54\*3 = 162 l/s = 13,996,800 litres a day flood flow**

**Orr**

**Orr has demonstrated gross negligence by not using flow in Council S7.2.2.2 (6)**

Orr has demonstrated gross negligence  
 Orr has demonstrated unsatisfactory conduct  
 Orr has demonstrated unlicenced engineering.

**14. Flow calculations for idiots**

Even if Orr or Council did not assess using the Rational method (takes 30 seconds), the low density check is a good rough guide.

This shows 54 l's for a Q20. Orr and Council could have done a quick layman's check on Council law for roof size low density. This is staring at one's face every day. Council law, without referring to the QUDM.




The flow can be determined as a rough guide, by a layman's estimate as if the site was low density, QUDM level 2, from Councils 15 litres a second for 150 sqm of roof, or QUDM 10 litres a second from 180sqm of roof.

### Layman's rough estimate as if low density – QUDM level 2.

- (6) The pipes at each property must be sized in accordance with QUDM Level II drainage system, assuming a minimum of 15L/s for each 250m<sup>2</sup> of roof. For larger roof areas, the flow rate may need to be determined and an appropriately sized pipe provided accordingly.

**Table 7.2.3.A— Minimum size of roof-water lines for low density residential development**

No. of lots (nominal 250m <sup>2</sup> roof area at each lot)	Minimum pipe diameter	Easement width	Minimum pipe slope
1–2	150mm	Not required	1%
3–4	225mm	1.5m	0.5%
5–6	300mm	1.5m	0.5%

Note—The design flow shown for sizing roof-water lines is greater than QUDM due to the fact that the majority of new housing products in Brisbane achieve roof areas consistently greater than 180m<sup>2</sup>.

Council S 7.2.2.3A.  $900/250 \times 15 = 54$  litres / second. This figure is higher than the independent engineer, who has provided a conservative estimate of 600 sqm and a Q20 flow of 38 litres, second per rear lot.

Orr and Council have been grossly negligent by not using either method to determine flow, which must be less than 30 l/s at the kerb.

## 15. The Rational method.

### 7.3.2 Flow estimation methods

For guidance to the design of urban drainage systems Council refers the designer to QUDM and Australian Rainfall and Run-off. Council will accept flow estimations using the rational method, calibrated run-off routing models, calibrated time-area routing models and calibrated direct rainfall hydraulic models. For complex drainage situations (particularly as part of a flood study for setting building development levels) or for sizing stormwater detention systems, a run-off storage routing model must be used to estimate flows and/or analyse the hydraulics of an urban drainage system.

### 7.3.3 Rational method assumptions

Where the rational method is suitable for flow estimation, the design is to be in accordance with QUDM and the following sections.

As stated above, Council will accept flow estimations using the Rational Method.

The design is to be in accordance with QUDM and the following sections.



## Independent engineer

**Table 2 – Peak Flow Rates Using Rational Method (Post Development- Roof Areas Only)**

Catchment	Q <sub>1</sub> (m <sup>3</sup> /s)	Q <sub>2</sub> (m <sup>3</sup> /s)	Q <sub>5</sub> (m <sup>3</sup> /s)	Q <sub>10</sub> (m <sup>3</sup> /s)	Q <sub>20</sub> (m <sup>3</sup> /s)	Q <sub>50</sub> (m <sup>3</sup> /s)	Q <sub>100</sub> (m <sup>3</sup> /s)
Existing Site	0.014	0.019	0.026	0.031	0.038	0.049	0.054

Based on the above considering the lots are fully developed, it can be determined that the stormwater runoff will increase significantly, and the proposed upstream stormwater infrastructure will not be able support the additional flows based on QUDM Level III drainage.

Furthermore, Council's Planning Scheme Policy states that proposed kerb outlets should have a capacity which is limited to 30L/s for the 5% AEP event. However, runoff volume will exceed this capacity even with the conservative assumption of 600m<sup>2</sup> roof areas for each lot. Understanding Council's 30L/s limitation, even if stormwater infrastructure were to be modified, the proposed connection would still fail to meet compliance standards.

### Independent engineer assessment under the Rational method.

#### Orr

Orr and Council have refused to follow Council laws S7.3.2 and S7.3.3 in order to calculate the Rational Method flows.

There would be Q20 171 l/s extrapolated from l/s for 3 rear lot, as per Roger Greenway plan. Orr never did any assessment of the Rational method. This calculation takes 30 seconds.

Orr has demonstrated negligence in not calculating flow of the Upstream catchment.

If Orr or Council did the flow calculations it would have been determined –

*a*

*OSL Will*

**After 25/9/24. As per approved amended plan in red.**

2 rear lots = flow of 114 l/s Q20 = 9,849,600 litres a day flood, potential loss of life.

2 rear lots = flow of 42 l/s Q1 = 3,628,800 litres a day flood, potential loss of life.

**Before decision on 25/9/24**

3 rear lots = flow of 171 l/s = 14,774,600 litres a day flood, potential loss of life

3 rear lots = flow of 63 l/s Q20 = Q1 – 5,443,200 litres a day flood, potential loss of life

These calculations indicate that the Orr approved plan has intentionally caused major nuisance flooding of the subject site and 2000 downstream properties.

Orr has demonstrated gross negligence by not performing a 30 second Rational method calculation. If Orr had done the calculation, then there would be no Council flood disaster.

This is demonstration of gross negligence by Orr and Council  
This is demonstration of unsatisfactory conduct by Orr and Council  
This is demonstration of unlicensed engineering by Orr and Council

## **16. 31/1/25 – Notice of disputed reasons.**

- (c) the Upslope Lots are within the LMR3 Low-medium density residential (up to 3 storeys) zone in the City Plan and may be re-developed in the future with increased density;

Above - Council Notice of reasons for dispute 31/1/25

**"Increased density" = Q20 flood of 9,849,600 litres a day flood on owners land and 2000 houses downstream**

- (d) development of the Upslope Lots will create additional stormwater run-off to the Land; **Council caused flood**

Above - Council Notice of reasons for dispute 31/1/25



**"development of the Upslope Lots will create additional stormwater run - off to the land" = Q20 flood of 9,849,600 litres a day on owners land and 2000 properties downstream"**

Council state on 31/1/25 that they knew that the development of the alleged upslope lots will create additional stormwater to the land (128 Ashridge Rd).

**"additional stormwater run-off"  
"increased density"**

This Council statement demonstrates that Orr and Council knew of the increased rainfall. But they have refused to advise the BOM as yet.

Orr and Council knew that their plans would create increased rainfall, nuisance flooding, property damage and potential loss of life, yet they still produced an approved stormwater plan would cause 4,566,000 litres of nuisance floodwater flow every year to the site and which will cause a flood flow to 2000 downstream neighbours.

## Engineer

Based on the above considering the lots are fully developed, it can be determined that the stormwater runoff will increase significantly, and the proposed upstream stormwater infrastructure will not be able support the additional flows based on QUDM Level III drainage.

Independent engineer

**Independent Engineer**

**"the stormwater runoff will increase significantly"**

**"the proposed upstream stormwater infrastructure will not be able support the additional flows based on QUDM Level III drainage."**

The engineer confirms Council advice on 31/1/25.





**Orr and Council knew they have caused a future massive flood**

**Engineer - "The proposed stormwater infrastructure (225mm and pits ) will not be able to support the additional flows based on QUDM Level III drainage".**

**Orr**

Orr and Council have stated that their engineered and designed plan will cause additional stormwater run-off and there is increased density.

How did Council know that there would be increased stormwater?

Surely therefore Council would have done calculations. No, there was no calculations done.

Orr and Council have therefore intentionally and knowingly designed an illegal flooded stormwater system. There is no other conclusion.

This is demonstration of gross negligence by Orr and Council

This is demonstration of unsatisfactory conduct by Orr and Council

This is demonstration of unlicensed engineering by Orr and Council

**Council response 31/1/25 – "represent one way, but not the only way"**

(b) as indicated, they are "indicative" only and represent one way, but not the only way, that compliance can be achieved with the Disputed Conditions; and

Council staff have refused to supply stormwater engineering design details for the "one way" or "not the only way"

**Busting the kerb by 171 l/s Q20 causing major nuisance flooding is not "one way" or "not the only way"**

**There is actually "no way", It is a flooding disaster.**





Orr and Council have maintained their upslope stormwater system is high and dry and mighty.

Orr and Council have attempted to hoodwink everyone in Brisbane, hoping they wouldn't get caught out. But they have been caught ever since Manteit wrote questions to Orr and Council , on 1/10/24.

### 17. Pipe size (stormwater infrastructure)

Orr and Council have insisted on their 225mm pipe and no other pipe, for 200 days, despite questions from Manteit from 1/0/24 and the Notice of appeal.

The correct pipe is 375mm pipe. Council's 225mm pipe will be blown apart by their illegal flooded stormwater plan, causing nuisance floodwater to 2000 properties and 5000 residents downstream every year.

NOMINAL PIPE DIAMETER (mm)	MINIMUM PIPE SLOPE (%)	FLOW (L/s) - NOTE 4							
		PIPE GRADIENT % - NOTE 6							
		0.5	1.0	1.5	2.0	2.5	3.0	4.0	5.0
150	1.0	N/A	18	23	26	30	33	38	42
225	0.5	38	56	67	78	87	96	110	125
300	0.5	84	120	146	170	190	210	N/A	N/A

Above – extract of BSD 8111

### Manteit

Orr and Council have demanded that their stated 225mm pipe works, for the last 200 days.

This is just utter gross negligence, causing Manteit holding costs and lost profit plus damage to people and property (QUDM) in the extreme.

The 225mm pipe would be blown apart by their engineered disastrous flooded stormwater system. In a Q20, 14,575,000 litres a day could bust open the 225mm pipe.

A 225mm pipe can only handle 38 l/s at .5% gradient

The standard is AEP 5% or Q20 – a storm event every 20 years.

The independent engineer has stated 38 l/s for one rear lot, Q20.

If 2 rear lots, 76 l/s

If 3 rear lots, Roger Greenway plan, 114 l/s for one rear lot.

Manteit has allowed for 900sqm roof. The independent engineer 600sqm roof.  
So that would calculate –

One rear lot 57 l/s, 2 rear lots 114 l/s, 3 rear lots 171 l/s = 14,774,400 litres per day.

A further note is that the independent engineer has identified parts of the fall are greater than .5%.  
So this increases the flow substantially. As shown in red, above. For a 5% fall, the flow would be 125 litres per second.

## Orr

Orr and Council have done no calculations of pipe size whatsoever.

How shameful their actions or no actions are. This is just plain reckless behaviour.

Instead she and Council want to flood Manteit site and 2000 and downstream properties with 14,774,400 litres a day flood.

This is demonstration of gross negligence by Orr and Council  
This is demonstration of unsatisfactory conduct by Orr and Council  
This is demonstration of unlicensed engineering by Orr and Council

a

Asx will



## 18. Lawful point of discharge

### 7.6.1 Lawful point of discharge

- (1) The objective of achieving a lawful point of discharge is to ensure that any stormwater discharge will not cause an actionable nuisance (i.e. a nuisance for which the current or some future neighbouring proprietor may bring an action or claim for damages arising out of the nuisance). The QUDM generally describes how it may be determined whether or not a lawful point of discharge exists.
- (2) When land is developed, the roof and surface-water run-off from that land and any external catchment (through the development site) must be discharged to a lawful point of discharge, being:
  - (a) where the location of the discharge is under the lawful control of Council, being:
    - (i) a Council-owned open space asset such as a park or drainage reserve provided the concentration of stormwater does not adversely affect the drainage capacity of the asset and/or impact on adjoining properties; or
    - (ii) a road reserve, including the kerb and channel and compliance with the permissible flow width, flow depth and hazard.
  - (b) where the location of the discharge is to stormwater drainage infrastructure designed for such

### Above – S 7.6.1 Lawful point of discharge

Orr has been grossly negligent by not achieving a lawful point of discharge for both Upstream Drainage and Onsite Drainage.

Orr has intentionally engineered a stormwater plan that that create an actionable nuisance which will bring an action claim for damages arising out of the nuisance.

(1) provides that the objective of achieving a lawful point of discharge is to ensure that any stormwater discharge will not cause an actionable nuisance, that may cause an actionable claim by the proprietor from the damages arising out of the nuisance.

Orr is fully aware of this free legal advice from Council, to Council officers.

Orr will cause an action claim by her engineered designed approved stormwater plan, amended in red.

(2) It is stated that when land is developed .. and any external catchment though the development must be discharged to a lawful point of discharge.

Due to the requirement in S 7.6.3.1 (2), discharge to kerb and channel is not permitted for Level III drainage if flow is greater than 30 l/s.

Orr knew that the kerb is not a lawful point of discharge for any rear lot. Orr has demonstrated gross negligence.

**Gross negligence** is the lack of slight diligence or "care" or "a conscious, voluntary act or omission in reckless disregard of a legal duty and of the consequences to another party."



Orr and Council have intentionally proposed a stormwater discharge that will create an actionable nuisance which will bring an action claim for damages arising out of the flood nuisance.

#### 7.6.3.1 Connection to kerb and channel

- (1) The maximum permissible discharge to the kerb and channel must be limited to 30L/s (i.e. maximum 2 single house lots per discharge point dependent on roof area), and twin 100mm diameter pipes (equivalent 150mm diameter) with approved kerb adaptors.
- (2) For development that is a material change of use (i.e. other than (1) above), Level III drainage (connection to kerb and channel) is only permitted if the total discharge from the development including any external catchment does not exceed 30L/s. Multiple hot dip galvanised rectangular hollow sections (RHS) 125/150/200mm wide x 75mm or 100mm high must be used (refer to [BSD-8113](#)).
- (3) Only approved full-height kerb adaptors, complying with [BSD-8114](#) are permitted. The kerb adaptors must be placed in a location where service pits on the footpath will not conflict with the future pipe location.
- (4) Discharge into the high side kerb of a one-way crossfall street is generally not permitted for any development other than a single-house dwelling.

#### S 7.6.3.3.1

#### Manteit

Part (2) *"Level III drainage connection to kern and channel is only permitted if the total discharge from the development including any external catchment does not exceed 30 l/s."*

#### Engineer

Furthermore, Council's Planning Scheme Policy states that proposed kerb outlets should have a capacity which is limited to 30L/s for the 5% AEP event. However, runoff volume will exceed this capacity even with the conservative assumption of 600m<sup>2</sup> roof areas for each lot. Understanding Council's 30L/s limitation, even if stormwater infrastructure were to be modified, the proposed connection would still fail to meet compliance standards.

#### Orr

Orr has refused to follow Council laws by placing an upstream pipe connection on her approved plan amended in red, to the kerb and channel. This is illegal. Orr has demonstrated gross negligence, yet again.

Orr has demonstrated gross negligence  
 Orr has demonstrated unsatisfactory conduct  
 Orr has demonstrated unlicenced engineering.

#### 18. Prior to \$75 action and Court action

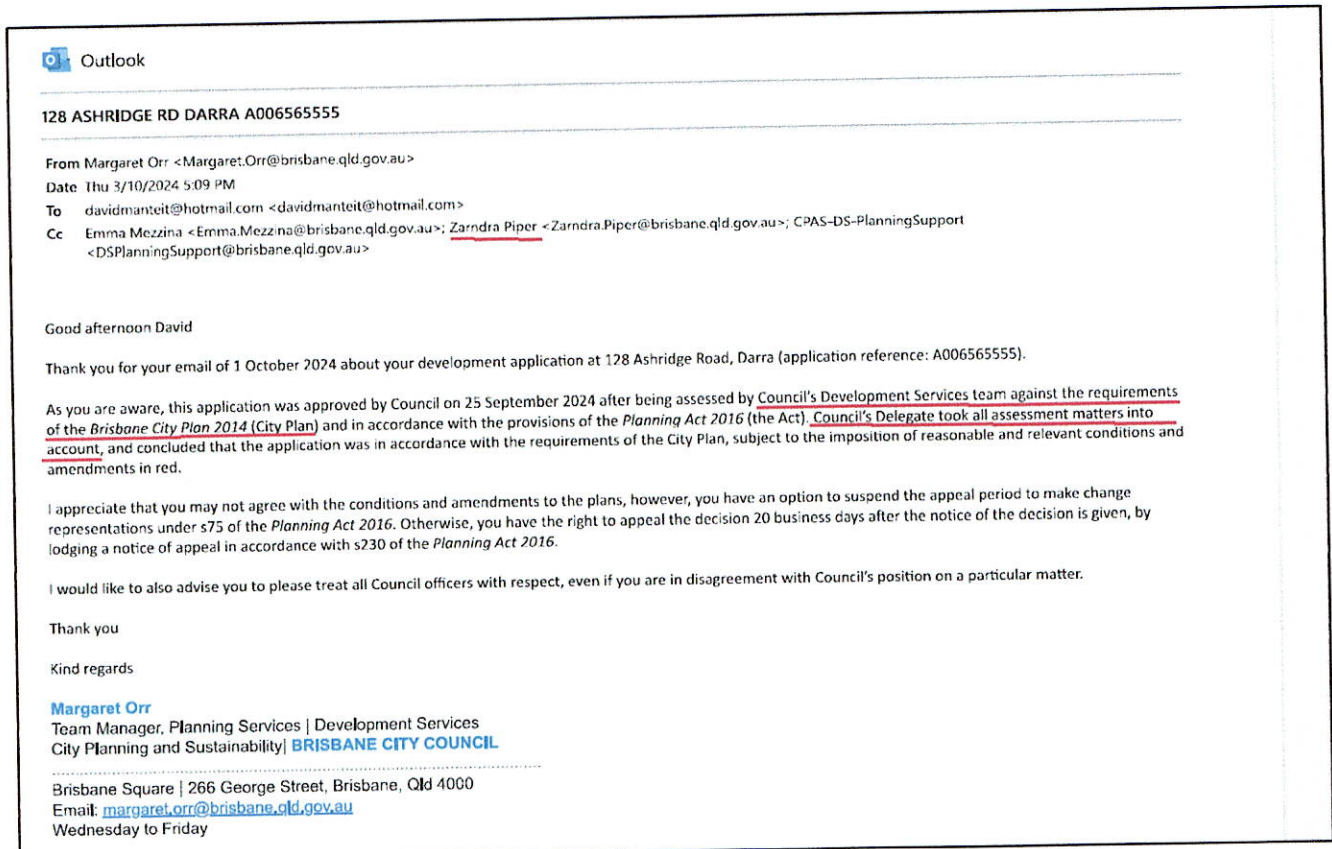
Orr was copied into every email from David Manteit to Council prior to the S75 application.



Manteit advised Orr and Council in many emails that their pipe was charged. No response by Council or Orr. This action is plain dishonesty.

These letters have been filed on 4/12/24.

Orr sent Manteit this letter on 3/10/24.



### Letter to Manteit 3/10/24

***"being assessed by Council's Development Assessment Team against the requirements of the Brisbane City Plan 2014"***

The problem is that the Assessment Team never assessed against the requirements of the Brisbane City Plan whatsoever, as evidenced in this affidavit. They just "assumed". Orr's statement in her letter is incorrect.

With the above, it can be deduced that Council's request for upstream connections for Lots 98 and 99 are based on an assumed need rather than an assessment of the actual drainage patterns on site.

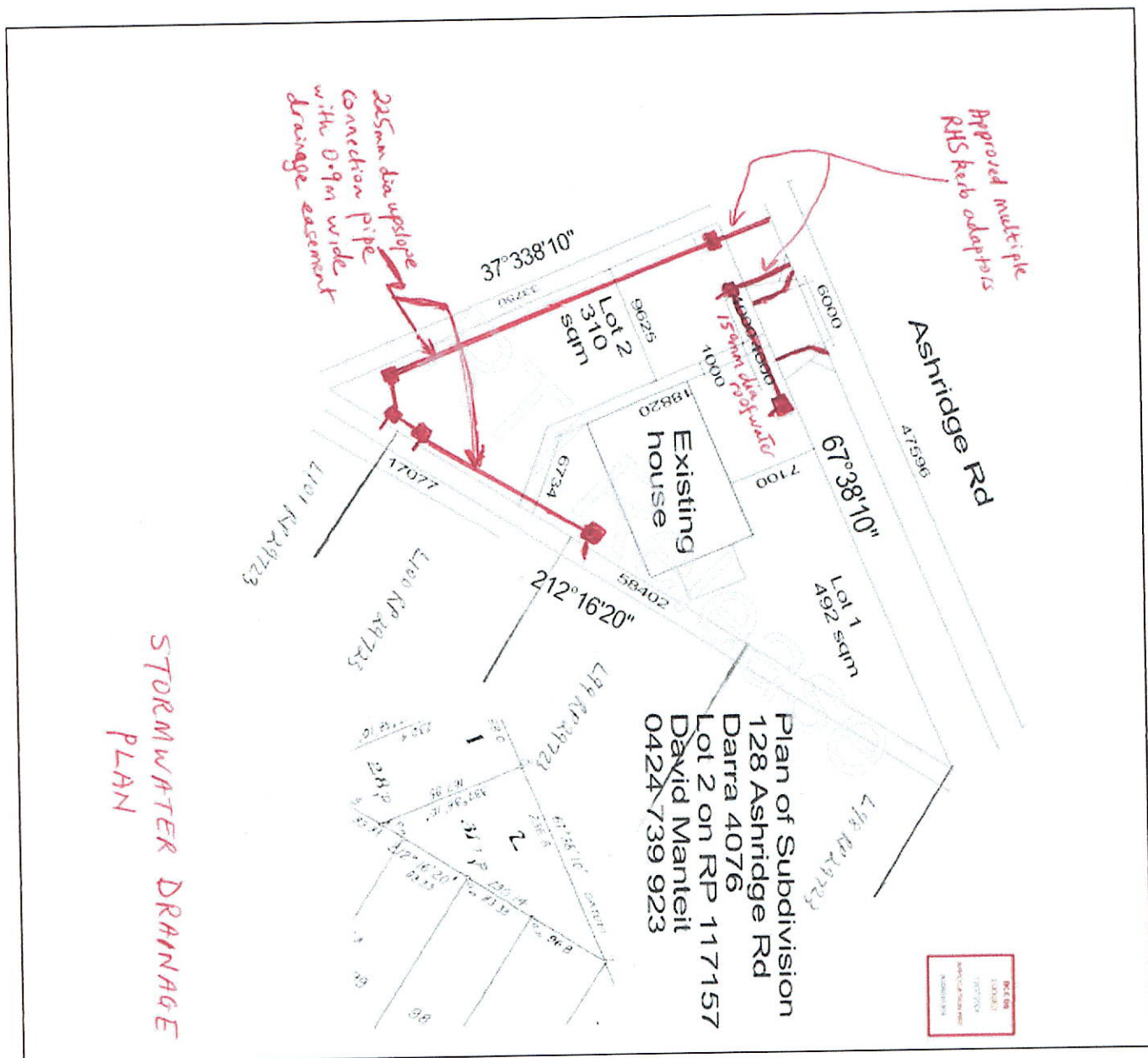
Independent engineer

## 19. Right to information

Below are just some of the findings in the RTI report 17/2/25, filed.

Orr is responsible for all those findings, since she was the Team Leader.

All information provided by RTI (filed) is relevant to the finding of the action as and conduct of Orr, as Team Leader, in A006565555. It is evidenced that Orr was present in most meetings and appeared in many emails.



**This plan of 3 rear lots was prepared by Roger Greenway**

**The plan shows -**



OSL Will



- Upstream drainage 3 lots. Lot 98, 99 and 100.
- Stubs entering rear properties of around 600mm which is illegal as per S 7.6.5 and demonstrates incompetence.

Non-compliant with BSD 8111, as sham triangle has been placed greater than 600mm from the boundary without consent with

Margaret Orr intentionally supported this Roger Greenway 3 lot external catchment plan until the decision notice day. This plan will cause flooding of 5.4 million litres a day, every year, dumped on my site and then the right neighbour, then estimated 2000 downstream neighbours.

Orr has demonstrated gross negligence  
 Orr has demonstrated unsatisfactory conduct  
 Orr has demonstrated unlicensed engineering.

Created On	Created By	Description
25-SEP-2024	WAKE, Joel	<u>Discussed the upstream stormwater condition with Delegate and ES Manager and whether it was reasonable to have an upstream connection for Lot 100 (36 Killarney Avenue). This had been marked up on the plans from TST and TST had requested it remained when questioned. ES Manager agreed that it could be removed and advised on how the plan should be amended to reflect the changes.</u>

RTI 25/9/24

RTI documents provide that on 25/9/24 four unlicensed engineers assessed whether upstream lot 100 should be included. Piper "agreed" on removing Lot 100.

These discussions by Wake on 25/9/24 to the Engineering Services Manager and delegate to discuss the red lines marked up on the plans were made on the last day, 77 days after the application was lodged.

RTI review reveals 25/9/24 Joel Wake memo provides proof that Council employees waited 77 days to investigate engineering and make a few phone calls.

Wake, the ES manager and the delegate had to think in a phone call – do we want 171 l/s flood or 121 l/s flood? They agreed for the 121 l/s flood.

Wake must have thought - Lot 100 is a little too far to the west. Same conclusion as Jack Woolston.






Council employees have demonstrated incompetence by including Lot 100 as an upslope tot right up to 25/9/24 according to Joel Wake file note 25/9/25.

If Council employees are qualified engineers, why did Council think would originally think it would have been prudent to bust the kerb and make over 171 litres/s total ?

Wake woke on 25/9/24 and decided to call the ES manager and the delegate (Piper) to see if Lot 100 was required. On the same day, Wake managed to decide the application at 4.37 pm, without Lot 100. Ridiculous.

25/9/24 - This had been marked up on the plans from TST and TST had requested it remained. TST request it (Lot 100) remained.

Every engineer or unlicenced engineer is responsible for their engineering plans and are liable at law for the damages caused by their engineering. Orr has made engineering decisions on whatever engineering calculations she did.

#### FILE REVIEW DISCUSSIONS/ACTIONS

Date of file review	Performance Outcomes agreed, actions and advice provided. Please include the name of the Delegate
<b>FILE REVIEW</b> <b>01/0/2024</b>	<b>Present: M. Orr, Z. Piper, T. Byrne, K. Kelly</b>
	Lot sizes and layout look to be ok albeit a little oddly shaped. Check with SV team about siting variation for the retention of the existing house Review some of the engineering outcomes including stormwater and the retaining wall on the western boundary Send to LA and take to street tree scrum <b>Consider not sending an IR if outcomes can be conditioned.</b>

**1/10/24 "Consider not sending an IR"**

Extract of RTI, filed

Orr had full knowledge of discussions on 25/9/24.

The above extract appears to be fraud committed by Orr and Council. It is impossible to meet on 1/10/24 to decide about an information request, due on 21/8/24.

*a*

*Orl Well*



Either the date is fraudulent and Orr has committed fraud.

Or the meeting was held earlier and the date of the meeting has been doctored.

The act of doctoring a document is fraud. Either way Orr and the other persons present have committed fraud.

The last date that an information request can be sent is 21/8/24.

**The case was decided on 25/9/24. Their was a fraudulent meeting to decide to send an IR on 1/10/25 – fraud.**

Orr has demonstrated gross negligence  
Orr has demonstrated unsatisfactory conduct  
Orr has demonstrated unlicensed engineering.  
Orr has demonstrated fraud.

## **20. Summary of conduct of Orr, but not limited to the following.**

The following alleged shameful Council engineering has been performed by Orr and Council as a minimum-

Engineering and preparation of illegal flooded stormwater plans that will cause 3.555.333 litres a day flood every day once a year.

Council employees are hell bent at breaking Council laws just to flood 2000 properties in Darra.

Busted kerb at over 171 l/s at kerb, 3 lots.

Upstream drainage undersized pipe 225 mm. 375 mm pipe required

Upstream drainage charged by around 1.3 m metre below at kerb

Onsite drainage charged by around .4 -.5 metre at kerb

Onsite drainage not placed on lowest part of the kerb, as per BSD 8111 and causing damages to David Manteit of around \$172,000.

STA engineering requiring stormwater pipe to be 1.5, away from the retaining wall and therefore boundary.

Rear land falls to the West, not Ashridge Rd, as advised by 134 Ashridge Rd assessment manager.



Rear lots do not fall to Ashridge Rd at the rear boundary.

Forcing of any appellant engineer to design unlawfully to adhere to red stormwater line. No RPEQ engineer in the world could present As Constructed drawings to Council that would be charged.

Gross negligence already displayed by Council staff in relation to "Fill the site" conditions

No engineering analysis by Council of survey plan provided by the Applicant in the DA.

No regard for S7.1

No regard for S 7.6.1

No regard for S 7.4.7

No engineering analysis by Council of S7.6.5 referred to by the applicant in the DA.

No assessment of S7.2.2.2

No assessment of S7.2.2.3

No assessment of S7.6.3.3.1

Sham Council rear right triangle not complying with BSD 8111.

Kerb adaptor 5.1m upslope from the lowest part of the kerb, Professional Certification Group advises that this location can only be changed by Council.

This is the only case in 412 approved Council subdivision cases last financial year where Council employees have engineered stormwater pipes.

Orr and Council had one chance to do engineering and they have performed disastrous unlicensed, unsatisfactory engineering for Council ratepayers.

There is no procedure at law by the DA applicant to change the Development Approved Council employee engineered plans without huge damages to the Respondent, causing damages to the DA applicant and any future owner,

"Markups" is a con.

Council forcing an applicant engineer to lose his engineering licence by designing unlawful engineering and pipes that are charged, undersized and busted at the kerb.





No evidence of any Council employee using a coefficient of .87 as per Table 7.2.2A, for low-medium density sites. No evidence of Rainfall intensity been applied by Council employees. This indicates alleged incompetence and unsatisfactory engineering.

Council employees knowingly were aware that the kerb will be busted by over 171 litres per second flow, within 5 minutes after Manteit lodging the application.

Council provided no information request to the applicant. No extension of time requested.

Council employees still demanding as of 31/1/25 that Council have designed the system correctly as "one way" and there are many "other ways."

Clearly a dishonest statement, and not in accordance with advice from the Independent engineer.

Evidence of alleged stupidity, incompetence and performance of unsatisfactory professional conduct for a registered Professional Engineer (and unregistered as per S115 and per Schedule 2 of the Professional Engineers Act 2002.)

Even if the rear sites were low density zone, the kerb is still busted being over 30 l/s at kerb, based on coefficient of .85, and is estimated to be 95 litres per second for 2 rear lots, or 4 subdivided lots. Based on S 7.2.2.3 of 15 l/s per 250sqm of roof, without applying the Rational method – 54 l/s.

The nominated pipe size of **225mm for Upstream drainage** is busted and a sham and is undersized and is estimated to require a minimum 375 mm pipe. Alleged stupidity, incompetence and unsatisfactory professional conduct for a registered professional engineer (and unregistered.)

Council employees have **not applied principles** of Level III drainage of the Queensland Urban Drainage Manual, demonstrating incompetence and unsatisfactory engineering.

There is alleged clear evidence that employees have performed unlicensed engineering which is punishable as an offence under S 15(1) of the Crime and Construction Act 2001.

It is clear that Brisbane City Council employees have been incompetent and performed unsatisfactory professional conduct by an engineer, by not complying with Brisbane Planning Scheme Policies, including Chapter 7 Stormwater Drainage, in relation to Council employee engineered Upstream and Onsite Drainage.



Both the Council employee engineered Upstream and Onsite Drainage systems engineering are charged and end up below the kerb. Clear evidence of alleged unsatisfactory professional conduct of a Professional engineer.

There is no evidence of Council employees performing engineering in relation to S 7.4.7 Easement requirements nor the STA Engineers engineered retaining wall zone of influence requiring 1.5m setback for stormwater pipes, Clear evidence of unsatisfactory professional conduct of a registered engineer.

It is alleged that Orr and Council employees have failed to properly examine the all of the rear land to the rear boundary, which was in fact examined in the case of 134 Ashridge Rd Darra DA application. (Land falls to the right).

128 Ashridge Rd clearly is upslope to the rear lots. Surveying information lodged on 10/7/24 indicates that the land falls from the Ashridge Rd front boundary to the rear lot boundary.

Surveyor information provided in the DA shows a slope of up to 1.85 m down to the rear lots. 128 Ashridge Rd is the Upslope lot. In addition, updated surveyor spot levels show that land of 128 Ashridge Rd Darra falls over the boundary. This negates any argument by Council as to land from the rear lot falls to the rear boundary.

Council have provided no proof the rear land falls to the rear boundary. Again, only 17 metres away, RTI review provides that the assessment manager was in the opinion that the land falls to the right.

It is alleged that Council employees are hiding their engineering fall calculations for both the Council engineered Upstream and Onsite Drainage systems.

## 21. Legislation

**unsatisfactory professional conduct**, for a registered professional engineer, includes the following—

- (a) conduct that is of a lesser standard than that which might reasonably be expected of the registered professional engineer by the public or the engineer's professional peers;
- (b) conduct that demonstrates incompetence, or a lack of adequate knowledge, skill, judgement or care, in the practice of engineering;
- (c) misconduct in a professional respect;
- (d) fraudulent or dishonest behaviour in the practice of engineering;
- (e) other improper or unethical conduct.

Above - Schedule 2 of the Professional Engineers Act






**115 Who may carry out professional engineering services**

- (1) A person who is not a practising professional engineer must not carry out professional engineering services.

Maximum penalty—1000 penalty units.

- (2) However, a person does not commit an offence under subsection (1) if the person carries out the professional engineering services under the direct supervision of a practising professional engineer who is responsible for the services.

- (3) A person who is a practising professional engineer must not carry out professional engineering services in an area of engineering other than an area of engineering for which the person is registered under this Act.

Maximum penalty—1000 penalty units.

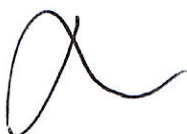
Current as at 1 July 2024

Page 103

Authorised by the Parliamentary Counsel

**Professional Engineers Act.**

**Contravention of S15 (1) is a criminal offence.**



## Application of the definition of corrupt conduct to engineers' work

The definition of corrupt conduct could apply to you if:

- You work for an agency that is within the CCC's jurisdiction, and
- Your conduct is in breach of a law (e.g. the Professional Engineers Act 2002), and thus a criminal offence.

For example, you could be meeting the three criteria for Type A corrupt conduct:

- If you carry out your work – the function or activity you perform as part of your employment – in a manner that is contrary to the law, as the conduct **could adversely affect** that function. (*Effect of the conduct*)
- If the manner in which you work results in the performance of the function in a way that is a **breach of the trust** placed in a person holding the appointment. (*Result of the conduct*)
- Because a contravention of section 115(1) of the Professional Engineers Act is a criminal offence, so, if proved, it would be a **criminal offence**. (*Seriousness of the conduct*)

### Above - Crime and Conduct Commission

A contravention of Section 115(1) of the Professional Engineers Act is a criminal offence.