

Business Paper
Inner West Council
Flood Management Advisory
Committee
22nd June 2017

Meeting Commences at 2.00pm

Leichhardt Town Hall Council Chambers

107 Norton St, Leichhardt

Agenda

1. Apologies
2. Disclosure of Interest
3. Minutes of previous meetings
4. Matters Arising
Nil
5. Reports
Item 1 Leichhardt Flood Risk Management Study and Plan
Item 2 Flood planning area update – Johnstons Creek south of Parramatta Road, Alexandra Canal and Hawthorne Canal south of Parramatta Road
6. General Business

ATTACHMENTS

1. Minutes of meeting held 16 May 2017
2. Flood Planning Area Map Updates – Johnstons Creek south of Parramatta Road (Figure 43A)
3. Flood Planning Area Map Updates - Alexandra Canal (Figure 43B)
4. Flood Planning Area Map Updates - Hawthorne Canal south of Parramatta Road (Figure 38)

**Item 1 Leichhardt Flood Risk Management Study and Plan –
Endorsement of Draft for Public Exhibition**

Prepared by: Christine Phillips, Stormwater and Development Engineer - Leichhardt

The Leichhardt Flood Risk Management Study and Plan was commenced in 2013 by specialist consulting engineers Cardno to develop a tool for use by Council and the community in the management of the identified flood risks within the former Leichhardt Local Government Area, that being the suburbs of Annandale, Balmain, Birchgrove, Leichhardt, Lilyfield, Rozelle.

The Leichhardt Flood Risk Management Study addresses management of the hazards associated with flooding, and mitigation of the amount of flooding at or through properties. Flood hazard management and mitigation can be addressed by more than one method, broadly categorised as property modification measures, emergency response measures and flood modification measures.

As a means of directly incorporating the non-economic social and environmental values held by stakeholders into the analysis and prioritisation of the flood management alternatives, all of the viable flood risk management options (property modification, emergency response and flood modification) were assessed using a Multi-Criteria Assessment. Input from the Committee in development of the Multi Criteria Assessment system was sought. The outcomes of the Multi Criteria Assessment system have been used to guide the preparation of the Leichhardt Flood Risk Management Plan.

The draft Leichhardt Flood Risk Management Study and Plan was provided in soft copy to the Flood Management Advisory Committee in late May 2017. The Committee were asked to review the draft prior to this meeting. The Committee are now asked to endorse the draft Leichhardt Flood Risk Management Study and Plan for public exhibition.

The draft Leichhardt Flood Risk Management Study and Plan will be available to the public during the exhibition period via Council's website, at Council's Leichhardt Customer Service Centre and at Council's public libraries in Leichhardt and Balmain. Two community sessions will be held where the public will be able to speak directly with Council and Cardno staff. Council will seek feedback from the local community during the exhibition period before the final Leichhardt Flood Risk Management Study and Plan is completed.

A workshop is proposed in late October 2017 to present the final Leichhardt Flood Risk Management Study and Plan to the newly elected Council. The Leichhardt Flood Risk Management Study and Plan will then be presented to Council at the December 2017 meeting for adoption.

Officer's Recommendation

That the Flood Management Advisory Committee endorse the draft Leichhardt Flood Risk Management Study and Plan for public exhibition.

Item 2 Flood planning area update

ATTACHMENT 2 Flood Planning Area Map Updates – Johnstons Creek south of Parramatta Road

ATTACHMENT 3 Flood Planning Area Map Updates - Alexandra Canal

ATTACHMENT 4 Flood Planning Area Map Updates - Hawthorne Canal south of Parramatta Road

Prepared by: Ryan Hawken, Coordinator Asset Planning, Marrickville

As part of recent flood studies flood affected properties have been identified in-line with Councils adopted policy.

Under Council's policy, properties are deemed to be flood affect by overland flow if they are subject to major drainage and in the 100 year ARI event they are inundated by flood waters to a depth greater than 0.15 m across more than 10% of the property area, or would be but for the existing building footprint(s).

Major Drainage is defined as:

- The floodplains of original watercourses (which may now be piped, channelized or diverted), or areas where overland flows develop along alternative paths once system capacity is exceeded; and/or
- Water depths generally in excess of 0.3 m. These conditions may result in danger to personal safety and property damage to both premises and vehicles; and/or
- Major overland flow paths through developed areas outside of defined drainage reserves which have the potential to affect a number of buildings along the flow path.

All flood affected property owners were notified that their property was proposed to be flood affected by letter. In addition three information sessions were put on to enable flood affected property owners to discuss the results of the flood study and specifically any impacts on their property.

Property owners were also given the opportunity to have their property reviewed by Council staff and/or consultants. Council officers reviewed all properties that made a submission including visiting each site.

In the **Alexandra Canal** area 80 properties are identified as overland flood affected. This represents an increase of 58 properties in the area over the previously defined FPA in 2015 as overland flood affected which was based on available flood information at that time.

No residents attended the information sessions and no submissions were received for the Alexandra Canal area.

In the **Johnstons Creek** area 431 properties are identified as overland flood affected. This represents an increase of 219 properties in the area over the previously defined FPA in 2015 which was based on available flood information at that time.

A total of 16 residents attended the information sessions and 30 submissions were received for the Johnstons Creek area. Council officers undertook reviews of the 30 flood affected properties which

made submissions. This included meeting 3 residents on-site at their properties at the request of the owners.

In the **Hawthorne Canal** area 327 properties are identified as overland flood affected. This represents an increase of 287 properties in the area over the previously defined FPA in 2015 as overland affected which was based on available flood information at that time.

A total of 15 residents attended the information sessions and 22 submissions were received for the Hawthorne Canal. Council officers undertook reviews of the 22 flood affected properties which made submissions.

Officer's Recommendation

Council endorses the updated Flood Planning Area; and

Necessary amendments be made to the Part 2.22 of the Marrickville DCP to update the Flood Planning Area and Flood Liable Land maps