Appendix H

FIGURE H1
DALMENY CATCHMENT RESULTS LAYOUT

Princes Hwy crossing Lawlers Creek
Princes Hwy crossing lawlers Creek
Mummuga Lake
Pacific Ocean
Mort Avenue
Pedestrian Footbridge
Pedestrian Footbridge
Princes Hwy
Dalmeny
Mort Ave crossing Spring Creek
Mort Ave crossing Spring Creek
Dalmeny Drive
Princes Hwy crossing Spring Creek
Princes Hwy crossing Spring Creek
Duck Pond
Upstream of Dalmeny Drive crossing Duck Pond
Dalmeny Drive crossing Duck Pond
Dalmeny Drive
N
Study Area
Profile Long Section
0 0.25 0.5 0.75 km

J:\Jobs\11 2034\ArcView\ArcMaps\DraftReport_Eurobodalla\Appendix_H\FigureH01_Dalmeny_Results_Layout.mxd

FIGURE H2A
DUCK POND CATCHMENT
PEAK FLOOD LEVEL PROFILES
TIDAL EVENTS

J:\Jobs\112033\TUFLOW_Duck_Pond\results\Profiles\Profiles_004.xlsx

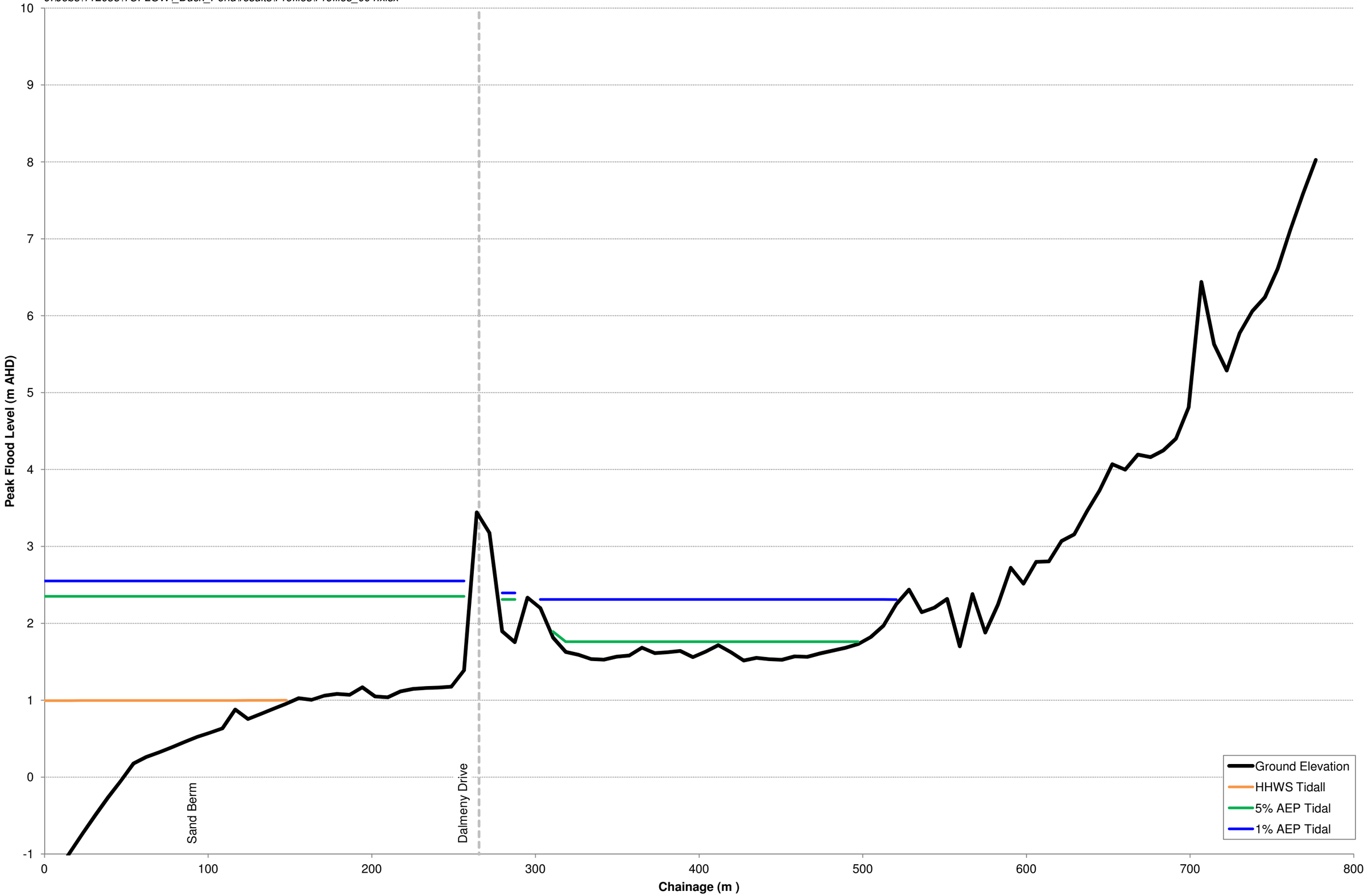

FIGURE H2B
MUMMUGA CATCHMENT
LAWLERS CREEK BRANCH
PEAK FLOOD LEVEL PROFILES
TIDAL EVENTS

J:\Jobs\112033\TUFLOW_MummugaLake\results\Profiles\Profiles_004.xlsx

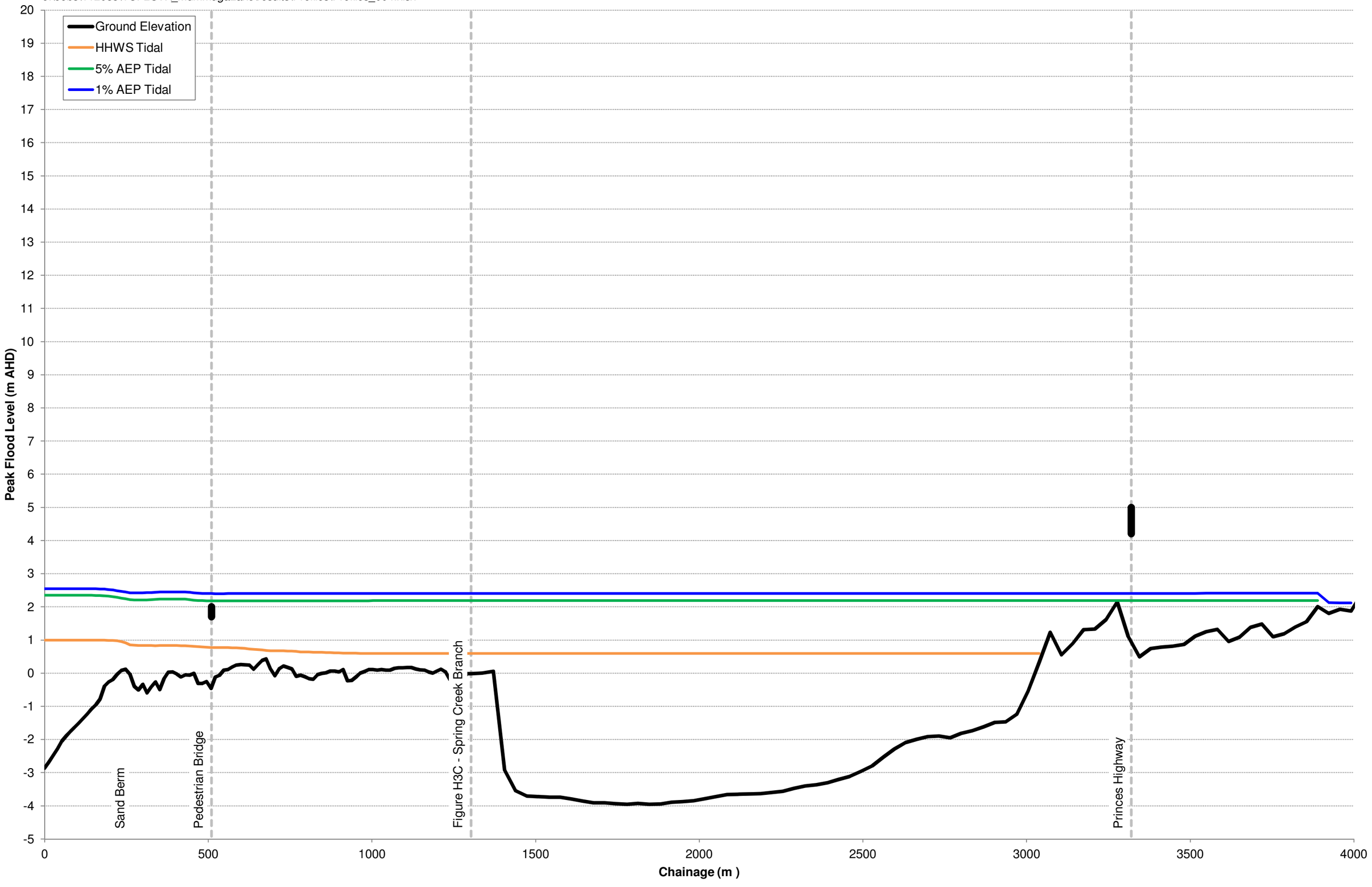

FIGURE H2C

MUMMUGA CATCHMENT
SPRING CREEK BRANCH
PEAK FLOOD LEVEL PROFILES
TIDAL EVENTS

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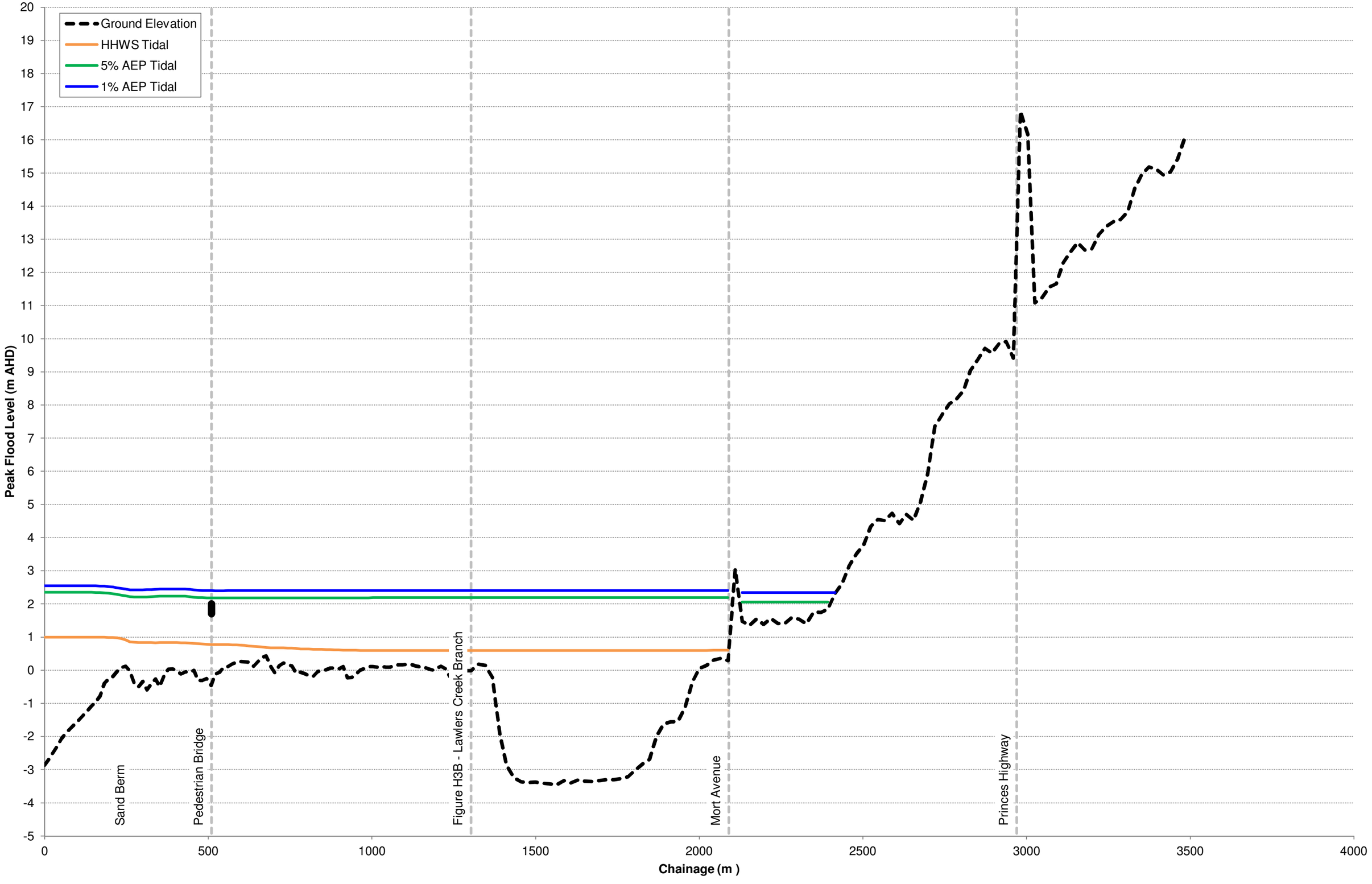

FIGURE H3A
DUCK POND CATCHMENT
PEAK FLOOD LEVEL PROFILES
DESIGN EVENTS

J:\Jobs\112033\TUFLOW_Duck_Pond\results\Profiles\Profiles_004.xlsx

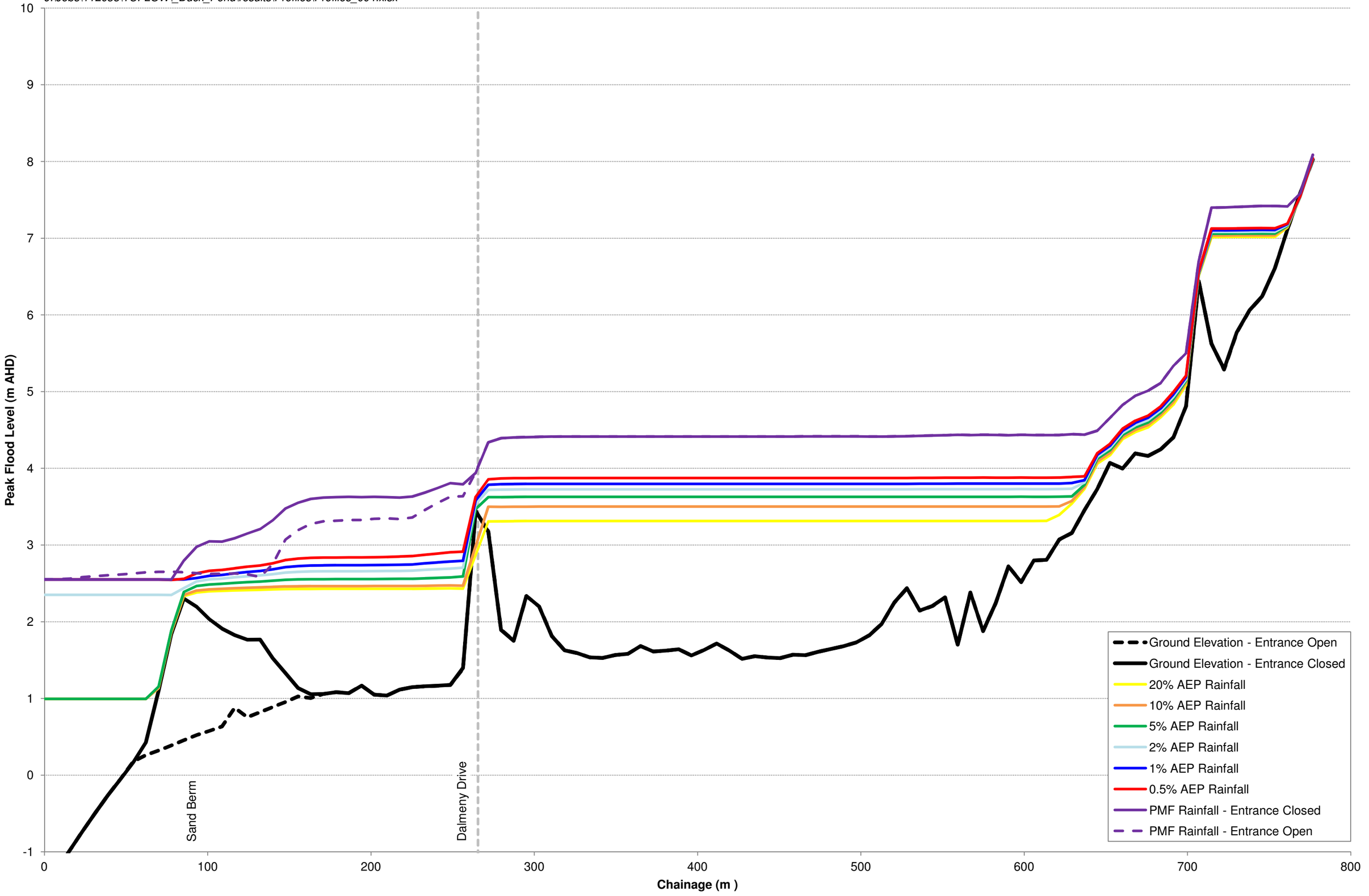

FIGURE H3B
MUMMUGA CATCHMENT
LAWLERS CREEK BRANCH
PEAK FLOOD LEVEL PROFILES
DESIGN EVENTS

J:\Jobs\112033\TUFLOW_MummugaLake\results\Profiles\Profiles_004.xlsx

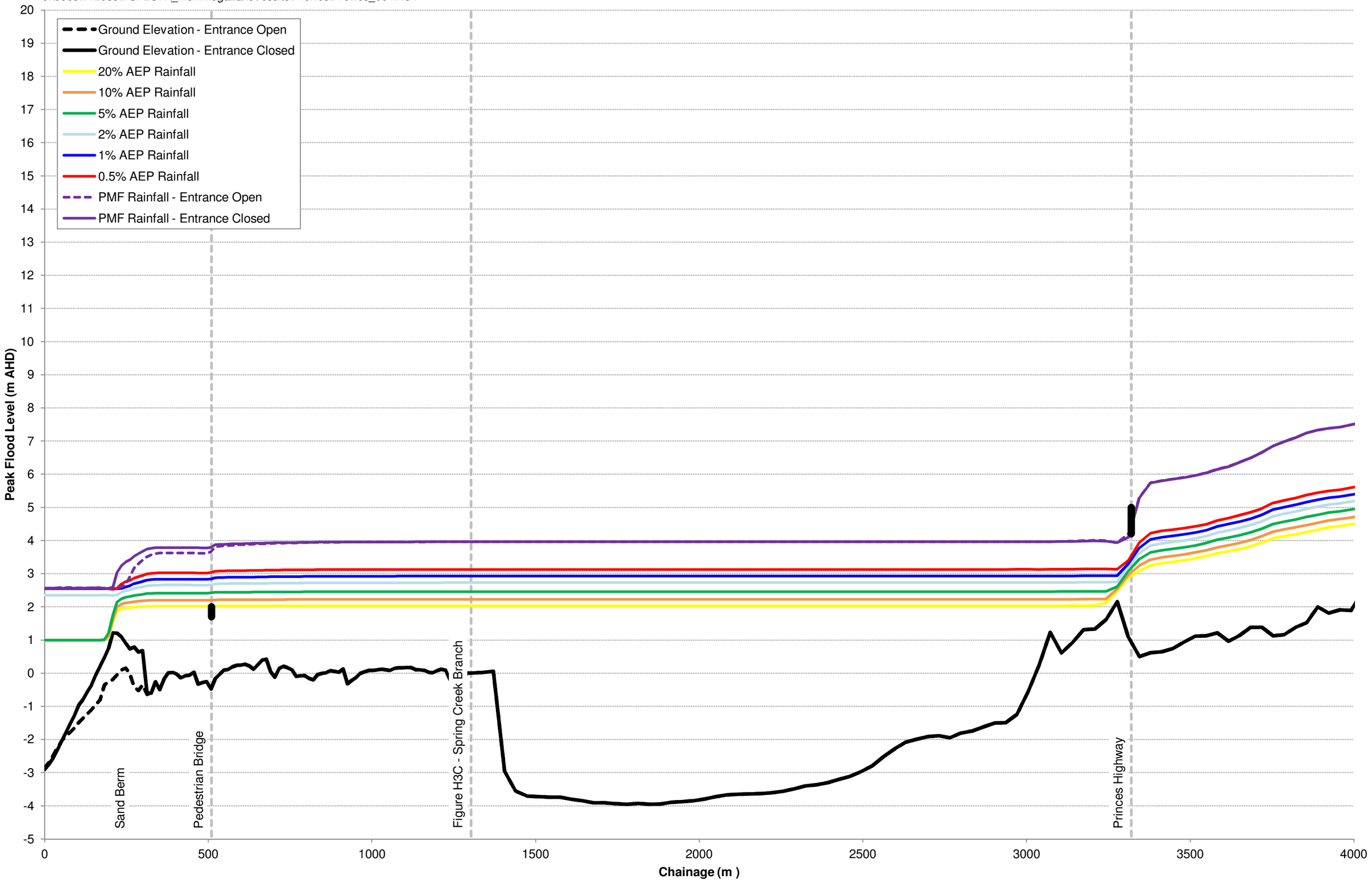

FIGURE H3C
MUMMUGA CATCHMENT
SPRING CREEK BRANCH
PEAK FLOOD LEVEL PROFILES
DESIGN EVENTS

J:\Jobs\112033\TUFLOW_MummugaLake\results\Profiles\Profiles_004.xlsx

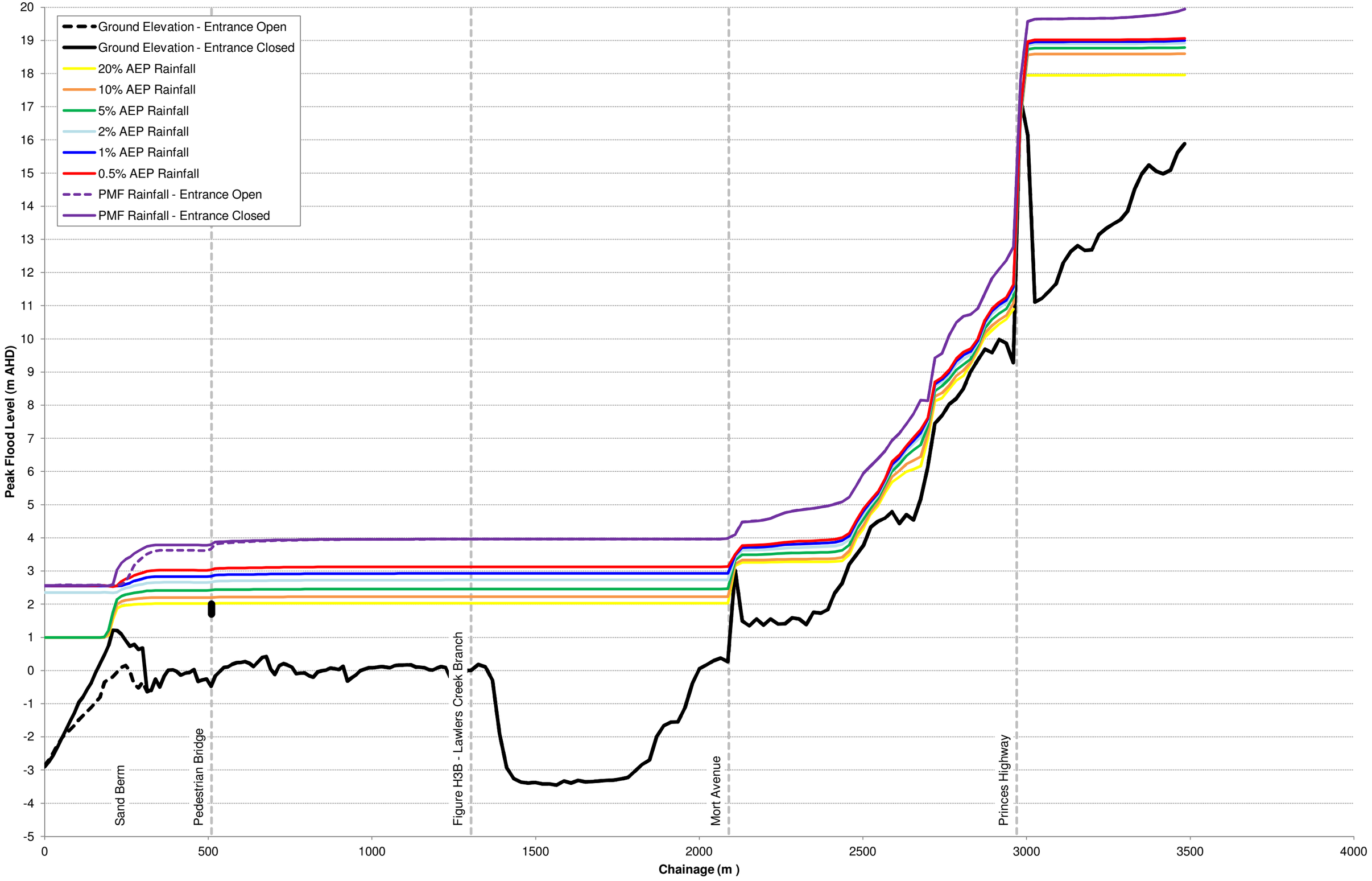

FIGURE H4A

DUCK POND CATCHMENT
FLOOD LEVEL HYDROGRAPHS
UPSTREAM OF DALMENY DRIVE

J:\Jobs\112033\TUFLOW_DuckPond\results\Hydrographs\Design_Hydrographs_004.xlsx

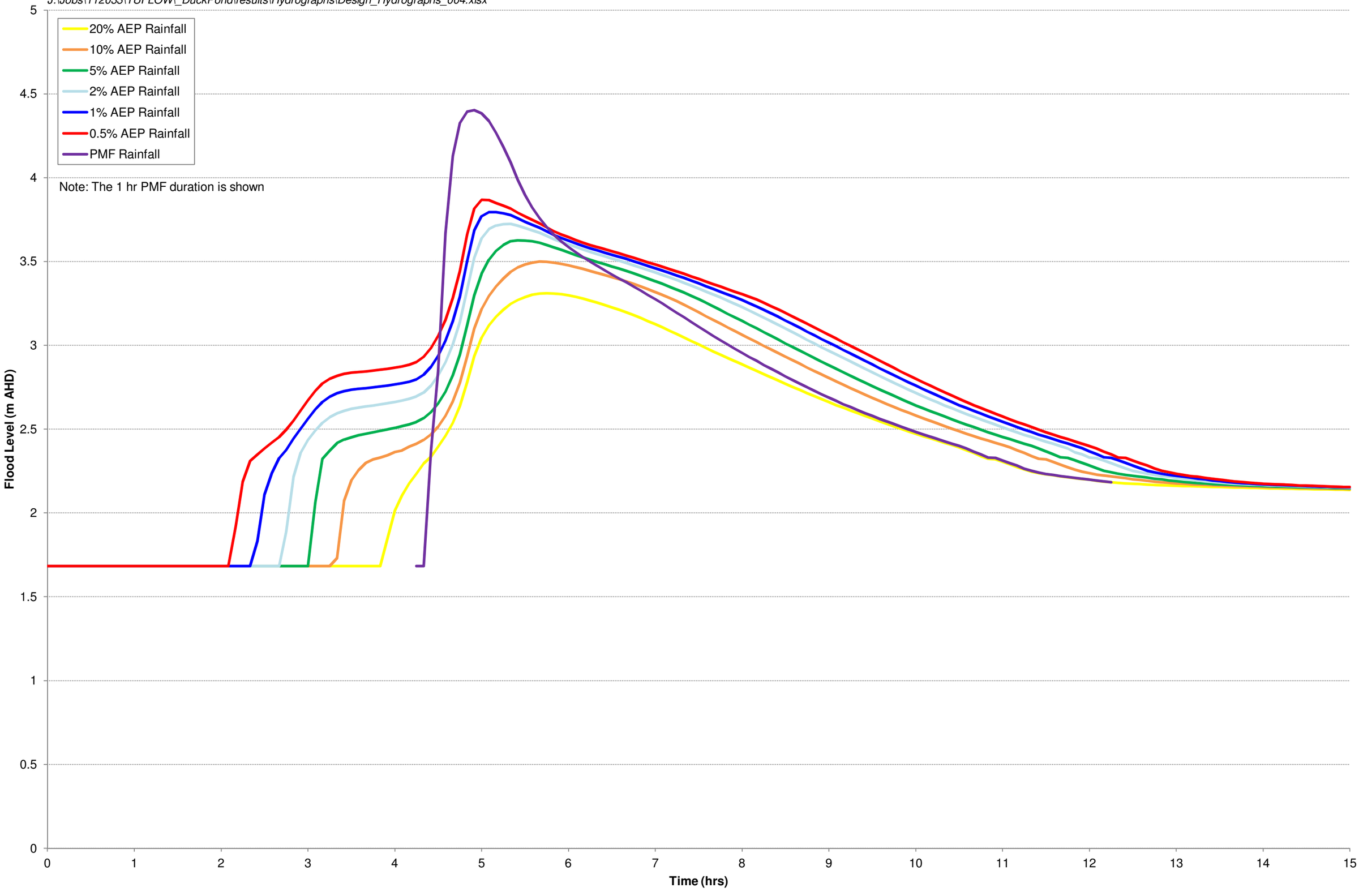

FIGURE H4B
MUMMUGA LAKE CATCHMENT
FLOOD LEVEL HYDROGRAPHS
PEDESTRIAN FOOTBRIDGE

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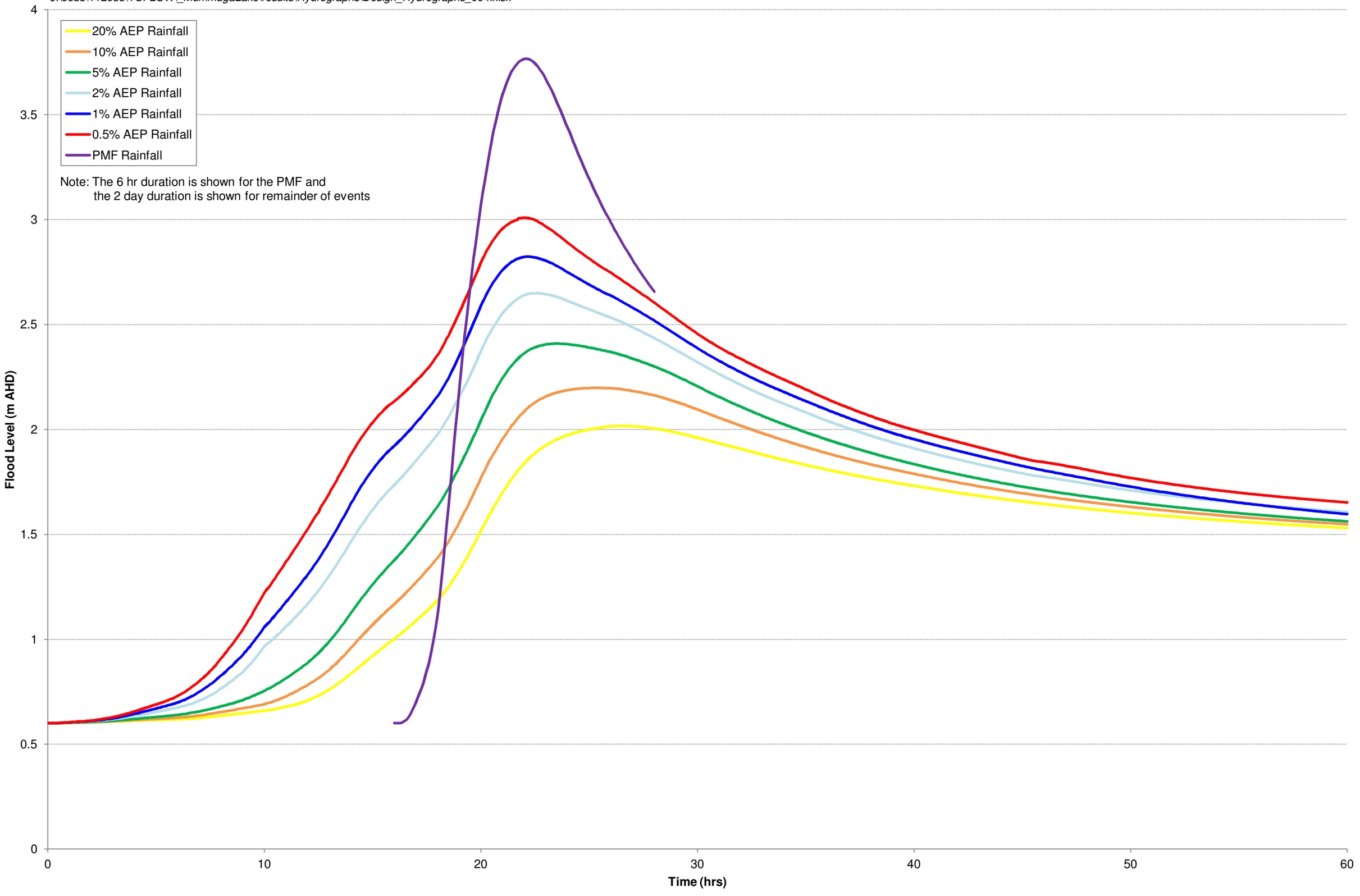

FIGURE H4C
MUMMUGA LAKE CATCHMENT
FLOOD LEVEL HYDROGRAPHS
SPRING CREEK (UPSTREAM OF PRINCES HIGHWAY)

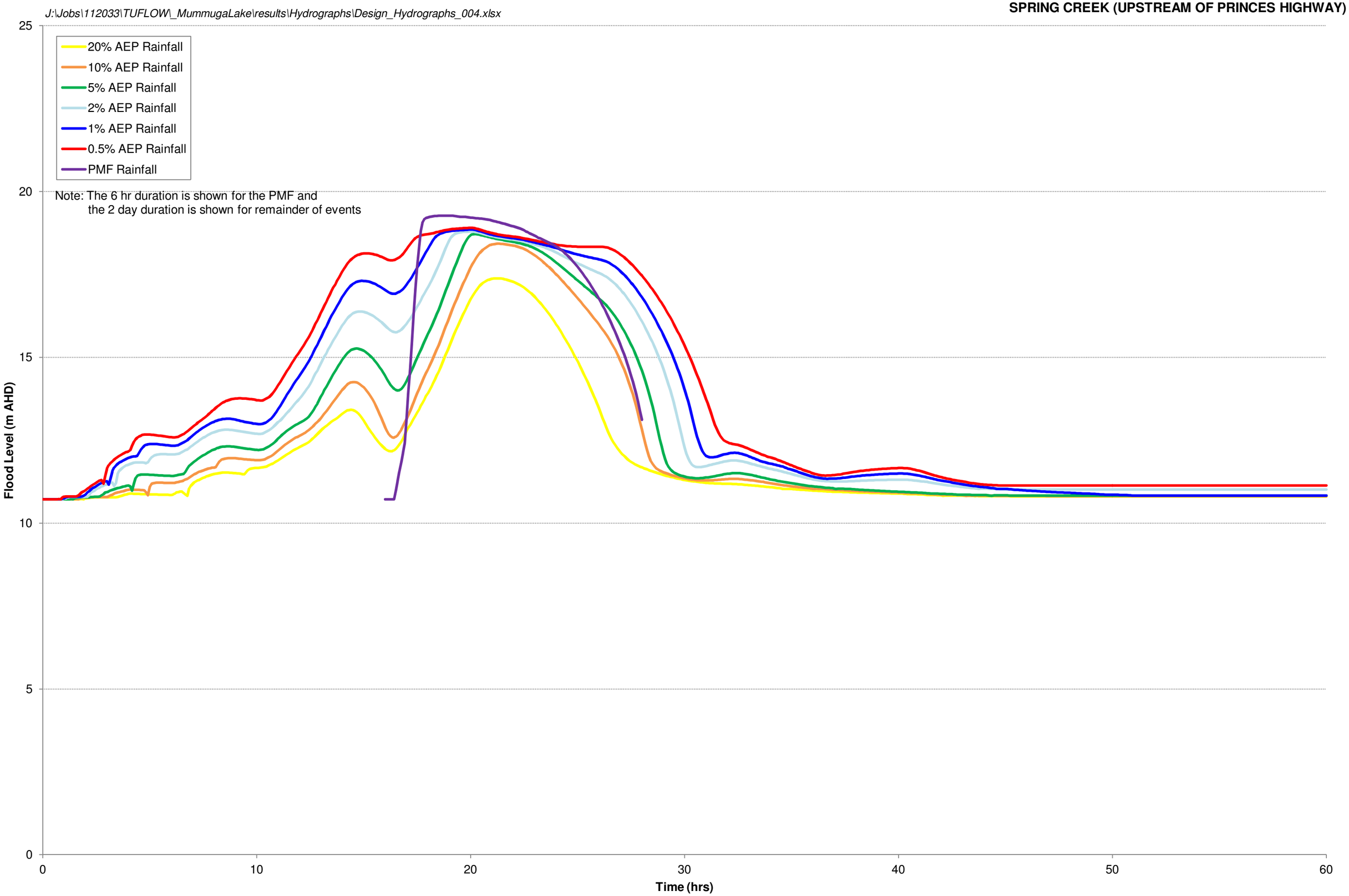

FIGURE H4D
MUMMUGA LAKE CATCHMENT
FLOOD LEVEL HYDROGRAPHS
LAWLERS CREEK (UPSTREAM OF PRINCES HIGHWAY)

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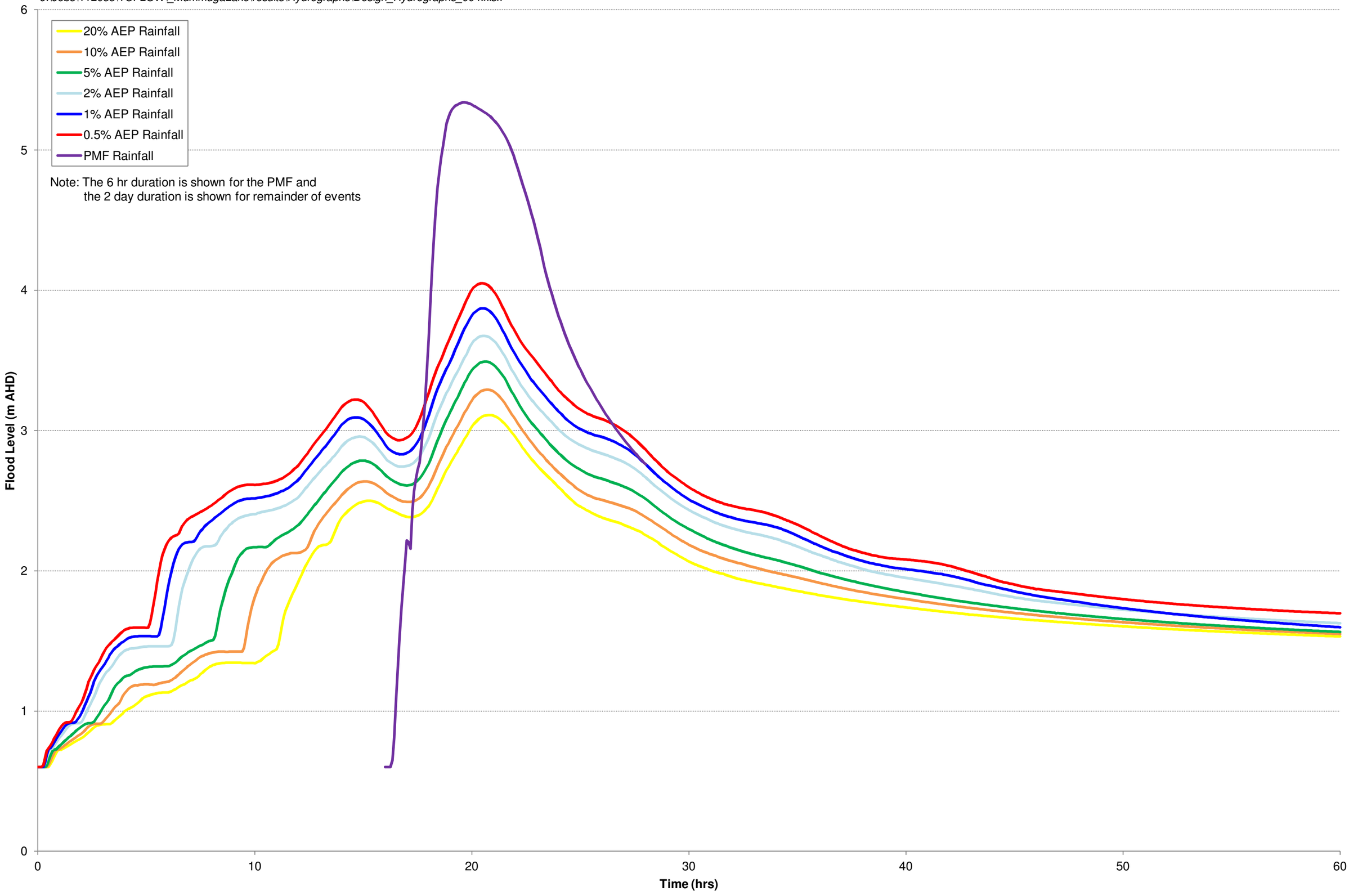

FIGURE H5
DALMENY CATCHMENT
PEAK FLOOD DEPTH AND
FLOOD LEVEL CONTOURS
20% AEP EVENT

Mummuga Lake
Pacific Ocean
Mort Avenue
Princes Hwy
Dalmeny Drive
Duck Pond
Dalmeny Drive

N

Study Area
Peak Flood Level Contours (m AHD)

Peak Flood Depth (m)

- < 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

0 0.25 0.5 0.75 1 km

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FIGURE H6

DALMENY CATCHMENT
PEAK FLOOD DEPTH AND
FLOOD LEVEL CONTOURS
10% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Peak Flood Level Contours (m AHD)

Peak Flood Depth (m)

- < 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

0 0.25 0.5 0.75 1 km

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FIGURE H7

DALMENY CATCHMENT
PEAK FLOOD DEPTH AND
FLOOD LEVEL CONTOURS
5% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Peak Flood Level Contours (m AHD)

Peak Flood Depth (m)

- < 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

0 0.25 0.5 0.75 1 km

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FIGURE H8

DALMENY CATCHMENT
PEAK FLOOD DEPTH AND
FLOOD LEVEL CONTOURS
2% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Duck Pond

Dalmeny Drive

N

Study Area

Peak Flood Level Contours (m AHD)

Peak Flood Depth (m)

- < 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

0 0.25 0.5 0.75 1 km

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FIGURE H9

DALMENY CATCHMENT
PEAK FLOOD DEPTH AND
FLOOD LEVEL CONTOURS
1% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Peak Flood Level Contours (m AHD)

Peak Flood Depth (m)

- < 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

0 0.25 0.5 0.75 1 km

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FIGURE H10
DALMENY CATCHMENT
PEAK FLOOD DEPTH AND
FLOOD LEVEL CONTOURS
0.5% AEP EVENT

Mummuga Lake
Pacific Ocean
Mort Avenue
Princes Hwy
Dalmeny Drive
Duck Pond
Dalmeny Drive

N

Study Area
Peak Flood Level Contours (m AHD)

Peak Flood Depth (m)

- < 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

0 0.25 0.5 0.75 1 km

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FIGURE H11

DALMENY CATCHMENT
PEAK FLOOD DEPTH AND
FLOOD LEVEL CONTOURS
PMF EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Peak Flood Level Contours (m AHD)

Peak Flood Depth (m)

- < 0.15
- 0.15 to 0.30
- 0.30 to 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- > 2.00

0 0.25 0.5 0.75 1 km

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FIGURE H12

DALMENY CATCHMENT
PROVISIONAL HYDRAULIC HAZARD CATEGORISATION
5% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Provisional Hydraulic Hazard

Low Hazard

High Hazard

0 0.25 0.5 0.75 1 km

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FIGURE H13
DALMENY CATCHMENT
PROVISIONAL HYDRAULIC HAZARD CATEGORISATION
1% AEP EVENT

Mummuga Lake
Pacific Ocean
Mort Avenue
Princes Hwy
Dalmeny
Dalmeny Drive
Duck Pond
Dalmeny Drive

N

Study Area
Provisional Hydraulic Hazard
Low Hazard
High Hazard

0 0.25 0.5 0.75 1 km

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FIGURE H14

DALMENY CATCHMENT
PROVISIONAL HYDRAULIC HAZARD CATEGORISATION
PMF EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Provisional Hydraulic Hazard

Low Hazard

High Hazard

0 0.25 0.5 0.75 1 km

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FIGURE H15
DALMENY CATCHMENT
HYDRAULIC CATEGORISATION
5% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Provisional Hydraulic Categorisation

Floodway

Flood Storage

Flood Fringe

0 0.25 0.5 0.75 1 km

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FIGURE H16
DALMENY CATCHMENT
HYDRAULIC CATEGORISATION
1% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Provisional Hydraulic Categoristion

Floodway

Flood Storage

Flood Fringe

0 0.25 0.5 0.75 1 km

J:\Jobs\112034\ArcView\ArcMaps\DraftReport_EurobodallaAppendix_H\FigureH16_Dalmeny_Hydraulic_Categorisation_100yARI.mxd

FIGURE H17
DALMENY CATCHMENT
HYDRAULIC CATEGORISATION
PMF EVENT

Mummuga Lake
Pacific Ocean
Mort Avenue
Princes Hwy
Dalmeny
Dalmeny Drive
Duck Pond
Dalmeny Drive

N

Study Area
Provisional Hydraulic Categorisation
Floodway
Flood Storage
Flood Fringe

0 0.25 0.5 0.75 1 km

J:\Jobs\112034\ArcView\ArcMaps\DraftReport_EurobodallaAppendix_H\FigureH17_Dalmeny_Hydraulic_Categorisation_PMF.mxd

FIGURE H18

DALMENY CATCHMENT
PRELIMINARY FLOOD EMERGENCY RESPONSE
CLASSIFICATION OF COMMUNITIES
1% AEP EVENT

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Roads

Emergency Response Classification

Area with Overland Escape Route

High Trapped Perimeter Area

Low Flood Island

Rising Road Access Area

1% AEP Extent (Depths >0.15m)

PMF Extent (Depths >0.15m)

0 0.25 0.5 0.75 1 km

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FIGURE H19
DALMENY CATCHMENT
PEAK FLOOD LEVEL
2070 SEA LEVEL RISE

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Peak Flood Level (m AHD)

- 1.4 to 3.0
- 3.0 to 4.0
- 4.0 to 5.0
- 5.0 to 10.0
- 10.0 to 12.0
- 12.0 to 17.0

0 0.25 0.5 0.75 1 km

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FIGURE H20

DALMENY CATCHMENT
PEAK FLOOD LEVEL
2100 SEA LEVEL RISE

Mummuga Lake

Pacific Ocean

Mort Avenue

Princes Hwy

Dalmeny

Dalmeny Drive

Duck Pond

Dalmeny Drive

N

Study Area

Peak Flood Level (m AHD)

- 1.4 to 3.0
- 3.0 to 4.0
- 4.0 to 5.0
- 5.0 to 10.0
- 10.0 to 12.0
- 12.0 to 17.0

0 0.25 0.5 0.75 1 km

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