WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

Wellington Council is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

PRELIMINARY - NOT FOR CONSTRUCTION
BURRENDOOM DAM TO DUBBO NORTH EAST PIPELINE

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

EXHIBIT 3 OF 90
PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000 VERTICAL - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200
Preliminary - Not for Construction

Wellington Council is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Pressures are calculated at ground elevation.
CONSTRAINT LEVELS

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PRESSURES ARE CALCULATED AT GROUND ELEVATION

PRELIMINARY - NOT FOR CONSTRUCTION
constraint levels

Wellington Council is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Preliminary - not for construction


Pressure are calculated at ground elevation

EXHIBIT 7 OF 90

Preliminary - not for construction
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESURES ARE CALCULATED AT GROUND ELEVATION

<table>
<thead>
<tr>
<th>Constraint Level</th>
<th>Elevation Range</th>
<th>Pressure (kPa)</th>
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<tbody>
<tr>
<td>Above Dam Level</td>
<td>5m above HGL &lt; Elevation &lt; Dam Level</td>
<td>50.00 &lt; Pressure &lt; 150.00</td>
</tr>
<tr>
<td>3m below HGL</td>
<td>Elevation &lt; 3m below HGL</td>
<td>10.00 &lt; Pressure &lt; 50.00</td>
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<tr>
<td>Below HGL</td>
<td>5m above HGL &lt; Elevation &lt; Dam Level</td>
<td>0.00 &lt; Pressure &lt; 10.00</td>
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CONSTRAINT LEVELS

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONTRAIN LEVELS
- Above Dam Level Elevation
- 5 m above HGL = Elevation < 3m above HGL
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PRESSURE ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

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FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

CONSTRAINT LEVELS:
- Above Dam Level Elevation
- 5m above HGL - Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

Preliminary - not for construction

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Preliminary - Not for construction

Scale - Horizontal: 1:4000   Vertical: 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

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PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000  VERTICAL - 1:2000

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<tr>
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</tr>
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<td>250</td>
</tr>
<tr>
<td>below 10m</td>
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<td>200</td>
</tr>
<tr>
<td>below 10m</td>
<td>150</td>
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<td>150</td>
</tr>
<tr>
<td>below 10m</td>
<td>100</td>
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<tr>
<td>below 10m</td>
<td>50</td>
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</tr>
</tbody>
</table>

PRESURES ARE CALCULATED AT GROUND ELEVATION

CONSTRAINT LEVELS

- Above Dam Level Elevation
- 5m above HGL - Elevation - 10m above HGL
- HGL - Elevation - 5m above HGL
- 3m below HGL - Elevation - HGL
- Elevation - 3m below HGL

PRELIMINARY - NOT FOR CONSTRUCTION
BURRENDONG DAM TO DUBBO NORTH EAST PIPELINE

Wellington council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Pressures are calculated at ground elevation.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
CONSTRUCTION LEVELS

Above Dam Level Elevation
5m above HGL < Elevation < Dam Level
HGL < Elevation < 5m above HGL
3m below HGL < Elevation < HGL
Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.
FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Pressures are calculated at ground elevation.
WELLINGtion COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGtion.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

EXHIBIT 26 OF 90

Preliminary - Not for Construction
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Pressures are calculated at ground elevation.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES. PRESSURES ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

constraint levels:
- Above Dam Level Elevation
- Elevation > Dam Level
- Dam Level + 3m above HGL
- HGL + 3m below HGL
- HGL + 4m below HGL
- Elevation + 4m below HGL
- Elevation + 5m below HGL
- Below HGL + 5m below HGL

Preliminary - Not For Construction
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

CONTRAINT LEVELS

- Above Dam Level Elevation
- 5 m above HGL < Elevation < Dam Level
- HGL < Elevation < 5 m above HGL
- 3 m below HGL < Elevation < HGL
- Elevation < 3 m below HGL

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.
BURRENDONG DAM TO DUBBO
NORTH EAST PIPELINE

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

CONSTRAINT LEVELS

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PANELS ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
CONSTRAINT LEVELS

- Above Dam Level Elevation
- HGL + 5m above HGL
- HGL + 3m below HGL
- HGL + Elevations < 3m below HGL
- Elevations > 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000 VERTICAL - 1:200

BURRENDONG DAM TO DUBBO NORTH EAST PIPELINE

PROJECT NO: 4365
DRN: DA CHK: DD DATE: MAR 2016
FILE NAME: NORTH EAST.MXD

CADASTRAL DATA, LIDAR
LPI NSW
A3
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction
WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESURES ARE CALCULATED AT GROUND ELEVATION

CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

SCHEDULE NO: 4365
CHECK: DD DATE: MAR 2016
FILE NAME: NORTH EAST.MXD
CADASTRAL DATA, LIDAR
LPI NSW
A3

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

BURRENDOG DAM TO DUBBO NORTH EAST PIPELINE

PROJECT NO: 4365
DRN: DA CHK: DD DATE: MAR 2016
FILE NAME: NORTH EAST.MXD

EXHIBIT 40
OF 90
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

CONSTRAINT LEVELS
- Above Dam Level - Elevation > Dam Level
- 5m above HGL - Elevation > 5m above HGL
- HGL < Elevation < 5m above HGL
- 3m below HGL - Elevation < 3m below HGL
- Elevation < 3m below HGL

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000 VERTICAL - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONSTRAINT LEVELS:
- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

Preliminary - Not for Construction
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONTRAINT LEVELS:
- Above Dam Level: Elevation > Dam Level
- 5m above HGL: Elevation > 5m above HGL
- HGL: Elevation = HGL
- 3m below HGL: Elevation < 3m below HGL
- Elevation < 3m below HGL

 hunterh2O

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

FILE NAME: NORTH EAST.MXD

DRAWN: DA  CHK: DD DATE: MAR 2016 OF 90

PROJECT NO: 4365

FILE NAME: NORTH EAST.MXD

PROJECT NO: 4365

CH45000 to CH46000

DRN: DA

EXHIBIT 46

OF 90
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONSTRUCTION LEVELS:
- Above Dam Level Elevation
- 0 to above HGL + Elevation +/- 5m
- HGL + Elevation +/- above HGL
- 0 to below HGL + Elevation +/- HGL
- Below HGL + Elevation +/- below HGL

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

CONTRAIN LEVELS

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

POLLY PIPELINE, DEPARTMENT OF PLANNING, NURSEY AND ENVIRONMENT, NSW

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSES ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

CONTRINT LEVELS

Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

BURRENDONG DAM TO DUBBO NORTH EAST PIPELINE

PROJECT NO: 4365 CHECK: DD DATE: MAR 2016 FILE NAME: NORTH EAST.MXD
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESURES ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

BURRENDONG DAM TO DUBBO NORTH EAST PIPELINE

PROJECT NO: 4365

DNN: DA CHK: DD DATE: MAR 2016

FILE NAME: NORTH EAST.MXD

CADASTRAL DATA, LIDAR

LPI NSW
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
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PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
CONTRAINT LEVELS

- Above Dam Level: Elevation > Dam Level
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.
FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONSTRAINT LEVELS:
- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PREFERENCES ARE CALCULATED AT GROUND ELEVATION

SCALE - HORIZONTAL - 1:4000 VERTICAL - 1:200

BURRENDONG DAM TO DUBBO NORTH EAST PIPELINE
CH61000 to CH62000
DRN: DA CHK: DD DATE: MAR 2016
FILE NAME: NORTH EAST.MXD

PRELIMINARY - NOT FOR CONSTRUCTION
Preliminary - Not for Construction

Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Wellington Water (Pty) Ltd

Burrendong Dam to Dubbo North East Pipeline

CH62000 to CH63000

DRN: DA

CHK: DD

DATE: MAR 2016

FILE NAME: NORTH EAST.MXD


Pressures are calculated at ground elevation.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction

Scales: Horizontal - 1:4000, Vertical - 1:2000

Cadastral Data, Lidar
LPI NSW
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

FILE NAME: NORTH EAST.MXD

EXIT 67 OF 90

BURRENDONG DAM TO DUBBO
NORTH EAST PIPELINE

CH66000 to CH67000
DRN: DA
PROJECT NO: 4365
CHK: DD DATE: MAR 2016

CADAStRAL DATA, LIDAR
LPI NSW
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Preliminary - Not for Construction

Scale - Horizontal - 1:4000  Vertical - 1:2000

Burrendong Dam to Dubbo North East Pipeline

CH68000 to CH69000

DRN: DA CHK: DD DATE: MAR 2016

FILE NAME: NORTH EAST.MXD

CADASTRAL DATA, LIDAR

LPI NSW
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

CONTRAIN LEVELS

- Above Dam Level Elevation
- 5m above HGL - Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

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PRELIMINARY - NOT FOR CONSTRUCTION

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PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE
ROUTE OF ANY PROPOSED PIPELINE
THROUGH WELLINGTON

FINAL PIPELINE ROUTE IS SUBJECT TO
SURVEY, SERVICES LOCATION,
GEOTECHNICAL AND ENVIRONMENTAL
INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

SCALE - HORIZONTAL - 16000  VERTICAL - 1:200

EXHIBIT 73  OF 90
CONTRIBUTION: 85,80,75,70,65,60,55,50,45,40,35,25,20,15,10,5,0,90

DUBBO WTP
BURRENDONG DAM
WELLINGTON

PRELIMINARY - NOT FOR CONSTRUCTION

WELLINGTON COUNCIL WILL CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

CONTRAINT LEVELS

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PRESSURES ARE CALCULATED AT GROUND ELEVATION

Pipelines are subject to various constraints and elevations, including above and below HGL levels. The final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases. Wellington Council is to choose the route of any proposed pipeline through Wellington. Preliminary - not for construction.
BURRENDOON DAM TO DUBBO NORTH EAST PIPELINE

Preliminary - Not for Construction

Wellington Council is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Pressures are calculated at ground elevation.

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<thead>
<tr>
<th>Constraint Levels</th>
<th>Wellington Council is to choose the route of any proposed pipeline through Wellington.</th>
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<tbody>
<tr>
<td>GND - HGL + 0.5m</td>
<td>-</td>
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<tr>
<td>GND - HGL</td>
<td>-</td>
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<td>HGL - 0.5m</td>
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<td>GND - HGL + 5m</td>
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<td>GND - HGL + 5m</td>
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Pre-Liminary - Not For Construction

Scale - Horizontal - 1:4000 Vertical - 1:200

CADASTRAL DATA, LIDAR
LPI NSW

EXHIBIT 76 OF 90
CONSTRUCTION LEVELS
Above Dam Level Elevation
5m above HGL < Elevation < Dam Level
HGL < Elevation < 5m above HGL
3m below HGL < Elevation < HGL
Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE
ROUTE OF ANY PROPOSED PIPELINE
THROUGH WELLINGTION
FINAL PIPELINE ROUTE IS SUBJECT TO
SURVEY, SERVICES LOCATION,
GEOTECHNICAL AND ENVIRONMENTAL
INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

hunterh2O
BURRENDOG DAM TO DUBBO
NORTH EAST PIPELINE

CH78000 to CH79000
DRN: DA
PROJECT NO: 4365
CHK: DD DATE: MAR 2016
FILE NAME: NORTH EAST.MXD
CADASTRAL DATA, LIDAR
LPI NSW

EXHIBIT 79
OF 90
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESURES ARE CALCULATED AT GROUND ELEVATION

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<th>TNP</th>
<th>GND</th>
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</table>

CONTRAIN LEVELS

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

PRELIMINARY - NOT FOR CONSTRUCTION
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PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONTRICTION LEVELS

WELLINGTION WTP

BURRENDONG DAM TO DUBBO
NORTH EAST PIPELINE

FILE NAME: NORTH EAST.MXD

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:2000

BURRENDONG DAM TO DUBBO NORTH EAST PIPELINE

EXHIBIT B5
OF 90

FILE NAME: NORTH EAST.MXD

PROJECT NO: 4365

CHK: DD DATE: MAR 2016

FILE NAME: NORTH EAST.MXD

CADASTRAL DATA, LIDAR

LPI NSW

EXHIBIT 85
OF 90

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

CONTRAINT LEVELS
- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PRELIMINARY - NOT FOR CONSTRUCTION
BURRENDONG DAM TO DUBBO NORTH EAST PIPELINE

Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Preliminary - Not for Construction
WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000 VERTICAL - 1:200

PRESSES ARE CALCULATED AT GROUND ELEVATION

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<tr>
<th>Elevation (m)</th>
<th>Pressure (kPa)</th>
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</thead>
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<td>85</td>
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<td>260</td>
<td>90</td>
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CONSTRAINT LEVELS

WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000 VERTICAL - 1:200

PRESSES ARE CALCULATED AT GROUND ELEVATION

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<th>Elevation (m)</th>
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PRESSURES ARE CALCULATED AT GROUND ELEVATION.

### CONSTRAINT LEVELS

- **Blue Bar Level Elevation:** Wellington Council is to choose the route of any proposed pipeline through Wellington.
- **Red Bar Elevation:** Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

### PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCHEDULE 

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<th>Above Dam Level Elevation</th>
<th>Below HGL = Elevation &lt; Dam Level</th>
<th>HGL &lt; Elevation &lt; 5m above HGL</th>
<th>5m above HGL &lt; Elevation</th>
<th>Pressures</th>
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</thead>
<tbody>
<tr>
<td>Above Dam Level Elevation</td>
<td>Below HGL = Elevation &lt; Dam Level</td>
<td>HGL &lt; Elevation &lt; 5m above HGL</td>
<td>5m above HGL &lt; Elevation</td>
<td>Pressures</td>
</tr>
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<td>Above Dam Level Elevation</td>
<td>Below HGL = Elevation &lt; Dam Level</td>
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<td>5m above HGL &lt; Elevation</td>
<td>Pressures</td>
</tr>
<tr>
<td>Above Dam Level Elevation</td>
<td>Below HGL = Elevation &lt; Dam Level</td>
<td>HGL &lt; Elevation &lt; 5m above HGL</td>
<td>5m above HGL &lt; Elevation</td>
<td>Pressures</td>
</tr>
</tbody>
</table>

PRESSURES ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON. THE FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
Pressure are calculated at ground elevation.

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PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PREFERENCES ARE CALCULATED AT GROUND ELEVATION.

constraint levels:
- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

BURRENDDON DAM TO DUBBO SOUTH WEST PIPELINE

PRELIMINARY - NOT FOR CONSTRUCTION


hunterh2o
Wellington Council is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
Preliminary - Not for Construction

Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
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FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONTRIBUTORS LEVELS

Above Dam Level - Elevation ≤ Dam Level

5m above HGL < Elevation < Dam Level

HGL < Elevation < 5m above HGL

3m below HGL < Elevation < HGL

Elevation < 3m below HGL

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
CONTRAINT LEVELS
- Above Dam Level Elevation
- 5m above HGL = Elevation + Dam Level
- HGL = Elevation = 5m above HGL
- 3m below HGL = Elevation + HGL
- Elevation = 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

PRESSESURES ARE CALCULATED AT GROUND ELEVATION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

PRESSESURES ARE CALCULATED AT GROUND ELEVATION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

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PRELIMINARY - NOT FOR CONSTRUCTION

PRESSESURES ARE CALCULATED AT GROUND ELEVATION

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PRELIMINARY - NOT FOR CONSTRUCTION

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Preliminary - Not for Construction
PRELIMINARY - NOT FOR CONSTRUCTION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.
EXHIBIT 19 OF 89

WELLINGTON COUNCIL IS TO CHOOSE THE
ROUTE OF ANY PROPOSED PIPELINE
THROUGH WELLINGTIN

PSTNL PIPELINE ROUTE IS SUBJECT TO
SURVEY, SERVICES LOCATION,
GEOTECHNICAL AND ENVIRONMENTAL
INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

BURRENDONG DAM TO DUBBO
SOUTH WEST PIPELINE

DRN: DA CHK: DD DATE: MAR 2016
PROJECT NO: 4365
FILE NAME: SOUTH WEST.MXD

CONSTRAINT LEVELS

Above Dam Level Elevation
HGL < Elevation < 5m above HGL
3m below HGL < Elevation < HGL
Elevation < 3m below HGL

PRESSURES ARE CALCULATED AT GROUND ELEVATION

WELLINGTON COUNCIL IS TO CHOOSE THE
ROUTE OF ANY PROPOSED PIPELINE
THROUGH WELLINGTON

PRELIMINARY - NOT FOR CONSTRUCTION
### Constraint Levels

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<td>3m below HGL</td>
<td>Elevation &lt; 3m below HGL</td>
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<td>HGL</td>
<td>Elevation &gt; 3m below HGL</td>
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**Wellington Council is to choose the route of any proposed pipeline through Wellington.**

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

---

**Preliminary - Not for Construction**

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**Pressures are calculated at ground elevation.**

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**Scale**

- Horizontal: 1:4000
- Vertical: 1:2000

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**Legend**

- DRN: DA
- CHK: DD
- DATE: MAR 2016
- FILE NAME: SOUTH WEST.MXD

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**Cadastral Data, Lidar**

LPI NSW

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**Exhibit 20 of 89**

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**South West Pipeline**

- Burrendong Dam to Dubbo
- Hunterh2o

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**CAD NO: 3001**

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**Project No: 4365**

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**Check: DD Date: MAR 2016**

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**File Name: SOUTH WEST.MXD**

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**CADASTRAL DATA, LIDAR**

LPI NSW

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**A3**
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
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PRELIMINARY - NOT FOR CONSTRUCTION
CONTRIBUTION LEVELS

- Above Dam Level Elevation
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

PRELIMINARY - NOT FOR CONSTRUCTION

CH23000 to CH24000
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction

Scale - Horizontal 1:4000 Vertical 1:200

BURRENDONG DAM TO DUBBO SOUTH WEST PIPELINE

DRN: DA CHK: DD DATE: MAR 2016 EXHIBIT 25

FILE NAME: SOUTH WEST.MXD

CADAstral data, LIDAR

LPI NSW
BURRENDONG DAM TO DUBBO SOUTH WEST PIPELINE

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONSTRANT LEVELS

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PUBLICATION: BURRENDONG DAM TO DUBBO SOUTH WEST PIPELINE

PROJECT NO: 4365

DRN: DA CHK: DD DATE: MAR 2016

FILE NAME: SOUTH WEST.MXD

G1  G2  G3  G4  G5  G6  G7  G8

28000 28150 28500 28550 28728 28931 29000

685,200 685,400 685,600 685,800 6,395,800 6,396,000 6,396,200 6,396,400

±

5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90

METERS

PRELIMINARY - NOT FOR CONSTRUCTION
CONSTRUCTION LEVELS

- Above Dam Level - Elevation > Dam Level
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

BURRENDOONG DAM TO DUBBO SOUTH WEST PIPELINE

SCALE - HORIZONTAL - 1:4000  VERTICAL - 1:2000

PRESSURES ARE CALCULATED AT GROUND ELEVATION

PRESURS AT 30000 TO 31000

DUBBO WTP

BURRENDOONG DAM TO DUBBO SOUTH WEST PIPELINE

DRN: DA CHK: DD DATE: MAR 2016

FILE NAME: SOUTH WEST.MXD

CADASTRAL DATA, LIDAR LPI NSW

EXHIBIT 31 OF 89

PROJECT NO: 4365 CHK: DD DATE: MAR 2016

FILE NAME: SOUTH WEST.MXD

CADASTRAL DATA, LIDAR LPI NSW

A3

EXHIBIT 31

OF 89

SCALE - HORIZONTAL - 1:4000  VERTICAL - 1:200

BURRENDOONG DAM TO DUBBO SOUTH WEST PIPELINE

DRN: DA CHK: DD DATE: MAR 2016

FILE NAME: SOUTH WEST.MXD

CADASTRAL DATA, LIDAR LPI NSW

A3

EXHIBIT 31

OF 89

SCALE - HORIZONTAL - 1:4000  VERTICAL - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

CONSIDERATION LEVELS

- Above Dam Level
- HGL + 5 m above HGL
- HGL + 3 m below HGL
- HGL + 1 m below HGL
- HGL + 0 m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
PRELIMINARY - NOT FOR CONSTRUCTION

WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

EXHIBIT 35 OF 89
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONTRAINT LEVELS

- Above Dam Level - Elevation > Dam Level
- HGL - Elevation > 5m above HGL
- 5m above HGL < Elevation < 3m below HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PRESURES ARE CALCULATED AT GROUND ELEVATION

PRESSURE

<table>
<thead>
<tr>
<th>Elevation</th>
<th>Pressure (mH2O)</th>
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<td>296.00</td>
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</tbody>
</table>

SCALE - HORIZONTAL: 1:4000  VERTICAL: 1:2000

PRELIMINARY - NOT FOR CONSTRUCTION
PRELIMINARY - NOT FOR CONSTRUCTION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

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PRELIMINARY - NOT FOR CONSTRUCTION
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WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONCEPT LEVELS
- Above Dam Level Elevation
- 5m above HGL = Elevation = Dam Level
- HGL = Elevation = 5m above HGL
- 3m below HGL = Elevation = HGL
- Elevation < 3m below HGL

PRESSES ARE CALCULATED AT GROUND ELEVATION

PRELIMINARY - NOT FOR CONSTRUCTION
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Pressures are calculated at ground elevation.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONSTRUCTION LEVELS

Above Dam Level - Elevation > Dam Level
Above HGL - Elevation > HGL
Below HGL - Elevation < HGL
Below Dam Level - Elevation < Dam Level

PRESSES ARE CALCULATED AT GROUND ELEVATION

WELLINGTON SOUTH WEST PIPELINE

BURRENDO WTP TO DUBBO

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

PRELIMINARY - NOT FOR CONSTRUCTION

PROJECT NO: 4365
CHK: DD DATE: MAR 2016
FILE NAME: SOUTH WEST.MXD
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Preliminary - Not for Construction
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEO-TECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION.

CONTRIBUTION:

- Above Dam Level
- 5m above HGL > Elevation > Dam Level
- HGL > Elevation > 5m above HGL
- 3m below HGL > Elevation > HGL
- Elevation < 3m below HGL

PRELIMINARY - NOT FOR CONSTRUCTION.
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

**Constraint Levels**
- Above Dam Level: Elevation > Dam Level
- 5m above HGL: Elevation > 5m above HGL
- HGL + 3m: Elevation < HGL + 3m
- Elevation < 3m below HGL

**Pressures are calculated at ground elevation.**

**Scale**
- Horizontal: 1:4000
- Vertical: 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - not for construction
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction
CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PRESSURES ARE CALCULATED AT GROUND ELEVATION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

DRN. DA CHK. DD DATE: MAR 2016
FILE NAME: SOUTH WEST.MXD

SCALE - HORIZONTAL - 1:4000 VERTICAL - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

Preliminary - Not for Construction
Scale - Horizontal - 1:4000  Vertical - 1:200

BURRENDONG DAM TO DUBBO SOUTH WEST PIPELINE

wellington council is to choose the route of any proposed pipeline through wellington

final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

PRELIMINARY - NOT FOR CONSTRUCTION

exhibit 57 of 89
### Preliminary - Not for Construction

Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

#### Constraint Levels

- **Above Dam Level**: Elevation + Dam Level
- **5m above HGL**: Elevation + 5m above HGL
- **3m below HGL**: Elevation + 3m below HGL
- **Elevation < 3m below HGL**: Elevation + 3m below HGL

### Preliminary - Not for Construction

- **Project No:** 4365
- **Check:** DD
- **Date:** Mar 2016
- **Exhibit:** 58
- **File Name:** South West.MXD
- **Scale:** Horizontal - 1:4000, Vertical - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
CONTRAINT LEVELS

- Above Dam Level Elevation
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSES ARE CALCULATED AT GROUND ELEVATION

PRELIMINARY - NOT FOR CONSTRUCTION
constraint levels

above dam level elevation

3m below hgl < elevation < hgl

hgl < elevation < 5m above hgl

5m above hgl < elevation < dam level

pressures are calculated at ground elevation

wellington council is to choose the
route of any proposed pipeline
through wellington

final pipeline route is subject to
survey, services location,
geotechnical and environmental
investigations and design phases.

preliminary - not for construction

scale - horizontal - 1:4000   vertical - 1:200

pressures are calculated at ground elevation

wellington council is to choose the
route of any proposed pipeline
through wellington

final pipeline route is subject to
survey, services location,
geotechnical and environmental
investigations and design phases.

preliminary - not for construction

scale - horizontal - 1:4000   vertical - 1:200
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
CONRAINT LEVELS

RAILWAY TRACK LEVEE TOP
Above Rail Level - Elevation
5m above HGL < Elevation < Rail Level
HGL < Elevation < 5m above HGL
3m below HGL < Elevation < HGL
Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE
ROUTE OF ANY PROPOSED PIPELINE
THROUGH WELLINGTON

FINAL PIPELINE ROUTE IS SUBJECT TO
SURVEY, SERVICES LOCATION,
GEOTECHNICAL AND ENVIRONMENTAL
INVESTIGATIONS AND DESIGN PHASES.

PRESSURES ARE CALCULATED AT GROUND ELEVATION

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEO-TECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONTRAINT LEVELS

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

PREFERENCES ARE CALCULATED AT GROUND ELEVATION

CH71000 to CH72000

PRELIMINARY - NOT FOR CONSTRUCTION

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

BURRENDONG DAM TO DUBBO SOUTH WEST PIPELINE

FILE NAME: SOUTH WEST.MXD
BURRENDONG DAM TO DUBBO
SOUTH WEST PIPELINE

Wellington Council is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Scale - Horizontal - 1:4000   Vertical - 1:2000

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONTRAINT LEVELS
- Above Dam Level: Green - Dam Level
- 5m above HGL: Green - Dam Level
- HGL: Green - Dam Level
- 5m below HGL: Green - Dam Level
- 3m below HGL: Green - Dam Level

PRESURES ARE CALCULATED AT GROUND ELEVATION.
EXHIBIT 76 OF 89

SCALE - HORIZONTAL - 1:4000   VERTICAL - 1:200

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
Wellington Council is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Preliminary - Not for Construction

Constraint Levels
- Above Dam Level Elevation
- Below HGL = Elevation < Dam Level
- HGL = Elevation = 3m below HGL
- Below HGL = Elevation < 3m below HGL

Wellington is to choose the route of any proposed pipeline through Wellington.

Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Preliminary - Not for Construction

Constraint Levels
- Above Dam Level Elevation
- Below HGL = Elevation < Dam Level
- HGL = Elevation = 3m below HGL
- Below HGL = Elevation < 3m below HGL
WELLINGTION COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRESSES ARE CALCULATED AT GROUND ELEVATION.
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

CONTRIBUTION LEVELS

Above Dam Level - Elevation > Dam Level
3m below HGL - Elevation < Dam Level
HGL - Elevation = 3m above HGL
3m above HGL - Elevation < HGL

Pressures are calculated at ground elevation.
Burrendong Dam to Dubbo South West Pipeline

Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.

Scale - Horizontal - 1:4000  Vertical - 1:2000

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON

Preliminary - Not For Construction

 pressures are calculated at ground elevation

constrained levels

above dam level elevation

HGL above HGL = elevation > Dam Level

HGL = elevation = HGL

HGL below HGL = elevation < HGL

Direction = > below HGL
**PRELIMINARY - NOT FOR CONSTRUCTION**

**WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON**

**FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.**

**CONSTRAINT LEVELS**

- Above Dam Level Elevation
- 5m above HGL < Elevation < Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL < Elevation < HGL
- Elevation < 3m below HGL

**PRESSURES ARE CALCULATED AT GROUND ELEVATION**

**SOUTH WEST PIPELINE**

**DRN: DA**

**PROJECT NO: 4365**

**CHK: DD**

**DATE: MAR 2016**

**FILE NAME: SOUTH WEST.MXD**

**CADASTRAL DATA, LIDAR**

**LPI NSW**
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL > Elevation > Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL > Elevation > HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL > Elevation > Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL > Elevation > HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

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CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL > Elevation > Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL > Elevation > HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL > Elevation > Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL > Elevation > HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

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CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL > Elevation > Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL > Elevation > HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

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CONSTRUCTION LEVELS

- Above Dam Level Elevation
- 5m above HGL > Elevation > Dam Level
- HGL < Elevation < 5m above HGL
- 3m below HGL > Elevation > HGL
- Elevation < 3m below HGL
PRELIMINARY - NOT FOR CONSTRUCTION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON. FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
BURRENDONG DAM TO DUBBO SOUTH WEST PIPELINE

CH84000 to CH85000

PRELIMINARY - NOT FOR CONSTRUCTION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.
Wellington Council is to choose the route of any proposed pipeline through Wellington. Final pipeline route is subject to survey, services location, geotechnical and environmental investigations and design phases.
BURRENDOC DAM TO DUBBO SOUTH WEST PIPELINE

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

CONTRAINT LEVELS

Above Dam Level Elevation

5m above HGL < Elevation < Dam Level

HGL < Elevation < 5m above HGL

3m below HGL < Elevation < HGL

Elevation < 3m below HGL

PRESSURES ARE CALCULATED AT GROUND ELEVATION

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION

CONTRAINT LEVELS
CONSTRANT LEVELS

Above Dam Level Elevation
5m above HGL < Elevation < Dam Level
HGL < Elevation < 5m above HGL
3m below HGL < Elevation < HGL
Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTION.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION
CONTRAINT LEVELS

- Above Dam Level
- Below HGL
- Elevation > 5m above HGL
- Elevation < 3m below HGL

WELLINGTON COUNCIL IS TO CHOOSE THE ROUTE OF ANY PROPOSED PIPELINE THROUGH WELLINGTON.

FINAL PIPELINE ROUTE IS SUBJECT TO SURVEY, SERVICES LOCATION, GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATIONS AND DESIGN PHASES.

PRELIMINARY - NOT FOR CONSTRUCTION