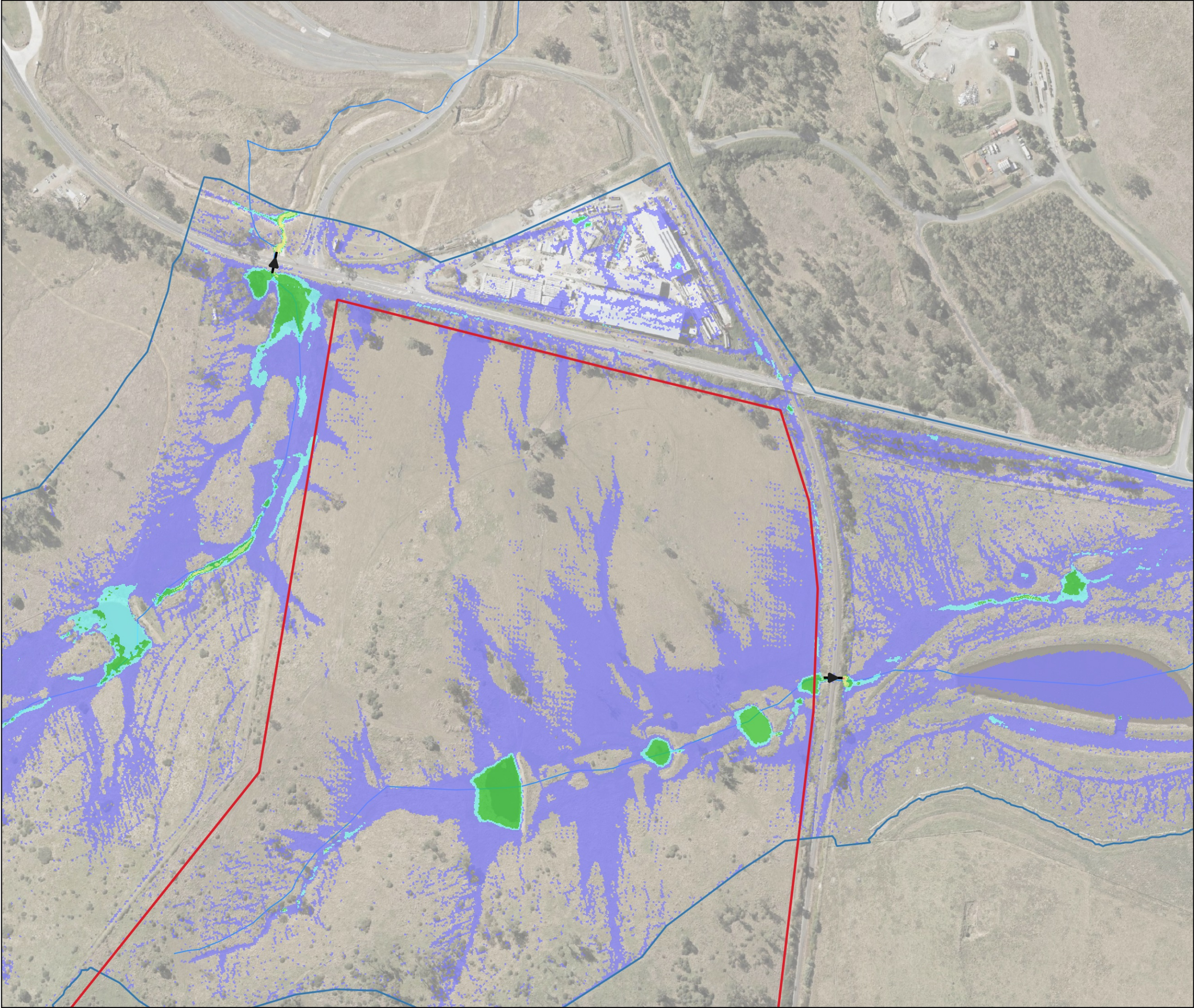




Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Watercourses

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

070140210 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

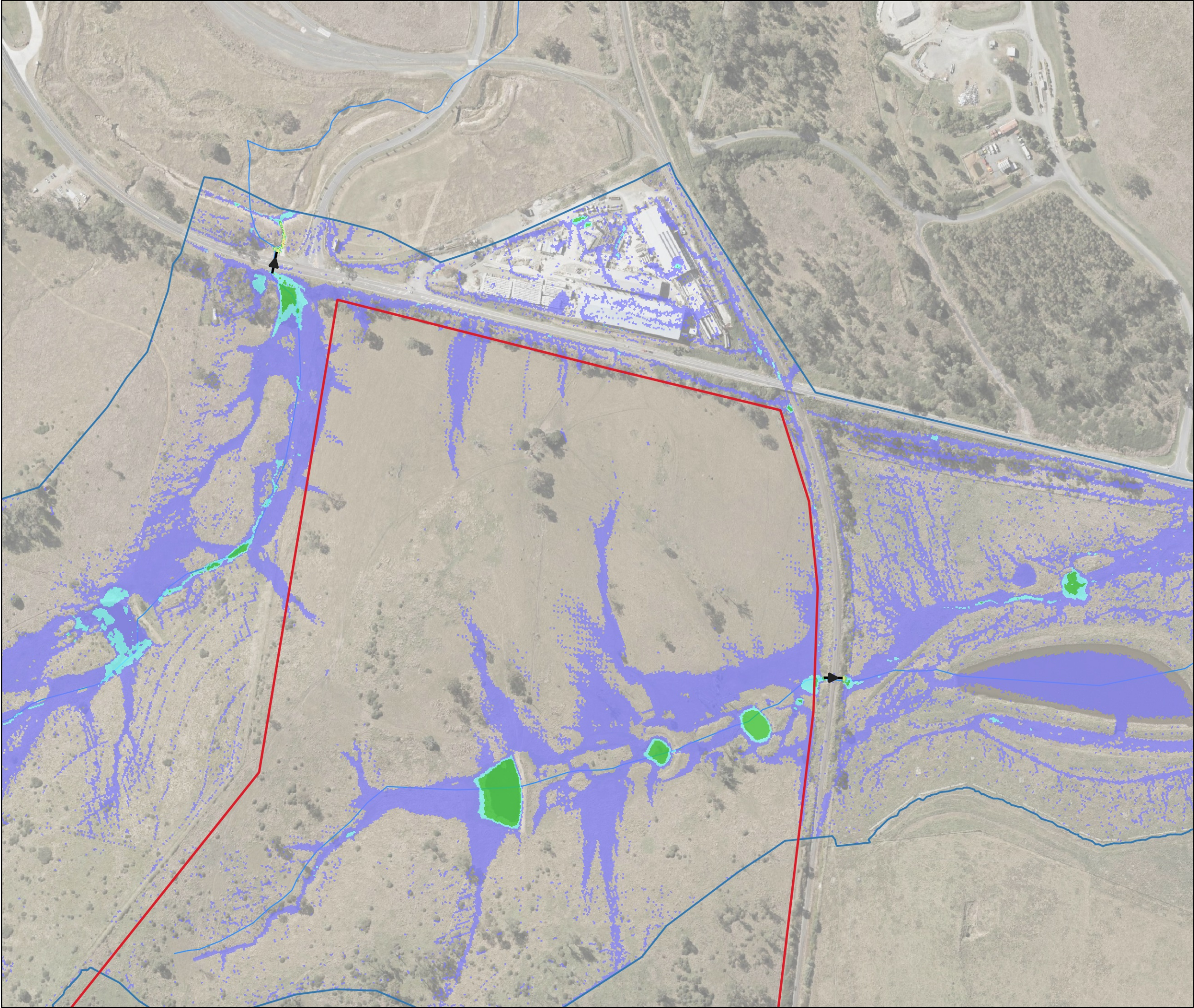
Figure Title

Existing Case: 20% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG21	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EfW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:18:54.067 | © Arup



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Watercourses

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

070140210 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

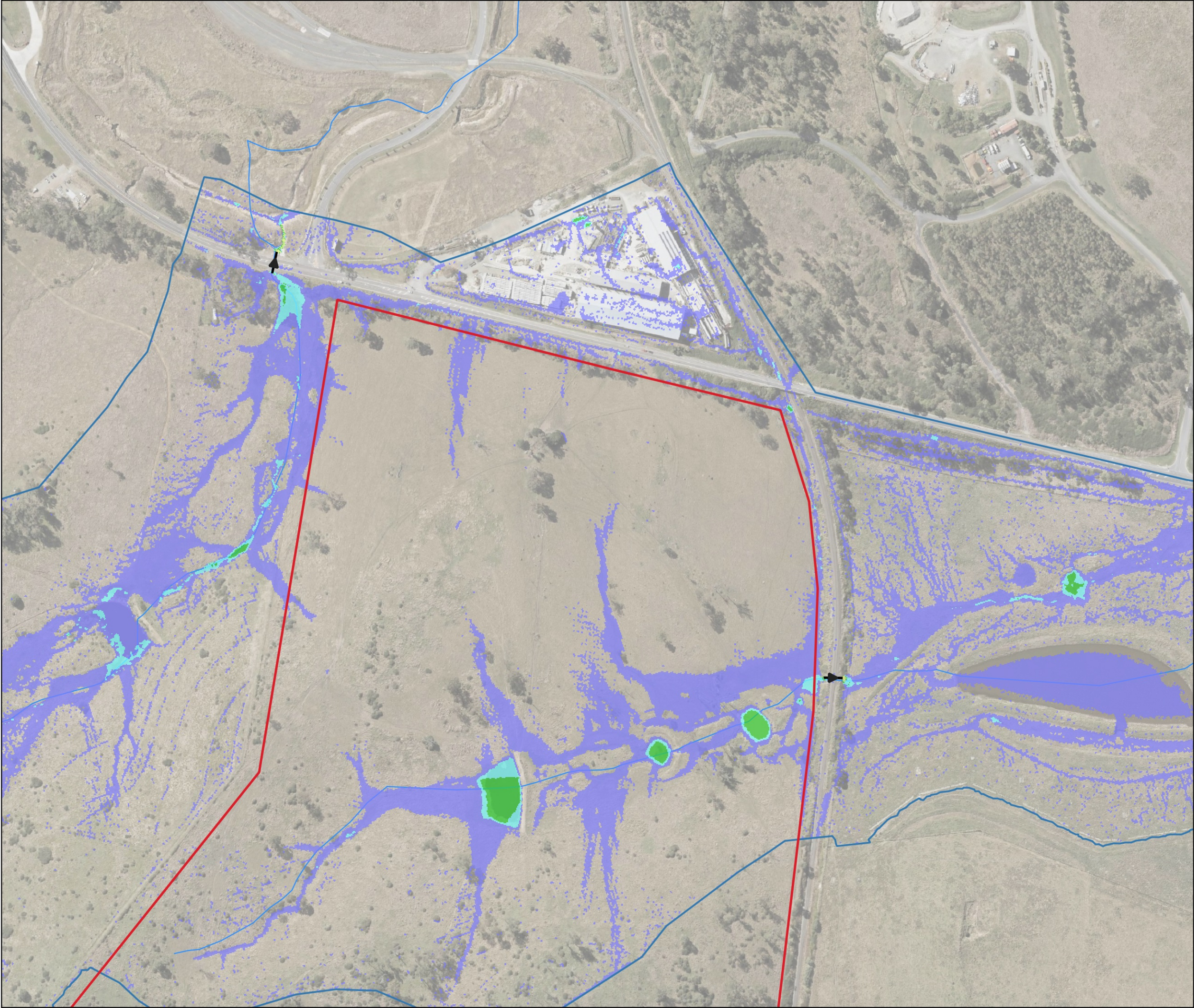
Figure Title

Existing Case: 50% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG22	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EFW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:18:55.922 | © Arup



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Watercourses

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

070140210 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

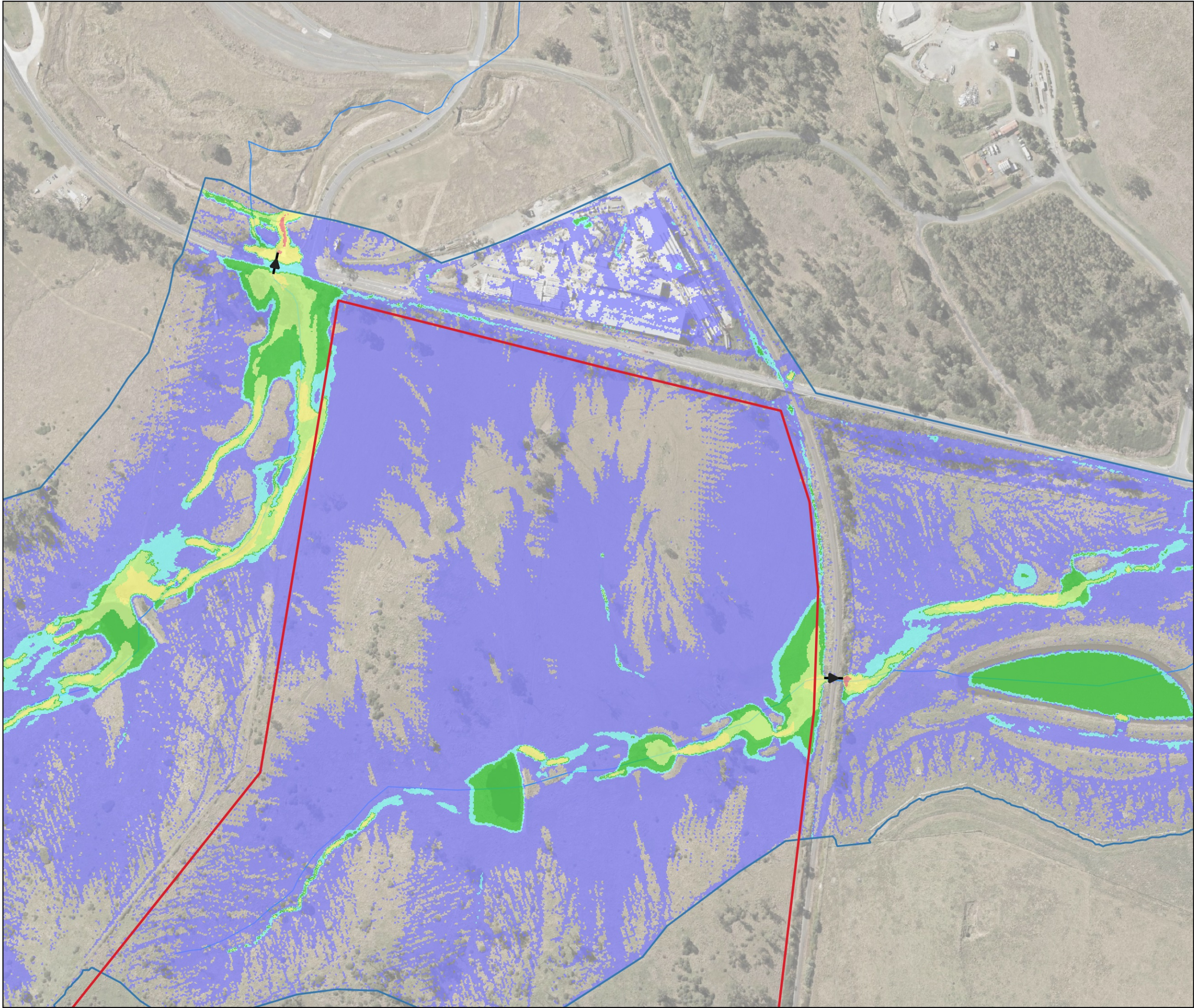
Figure Title

Existing Case: 63.2% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG23	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EfW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:18:59.755 | © Arup



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Watercourses

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

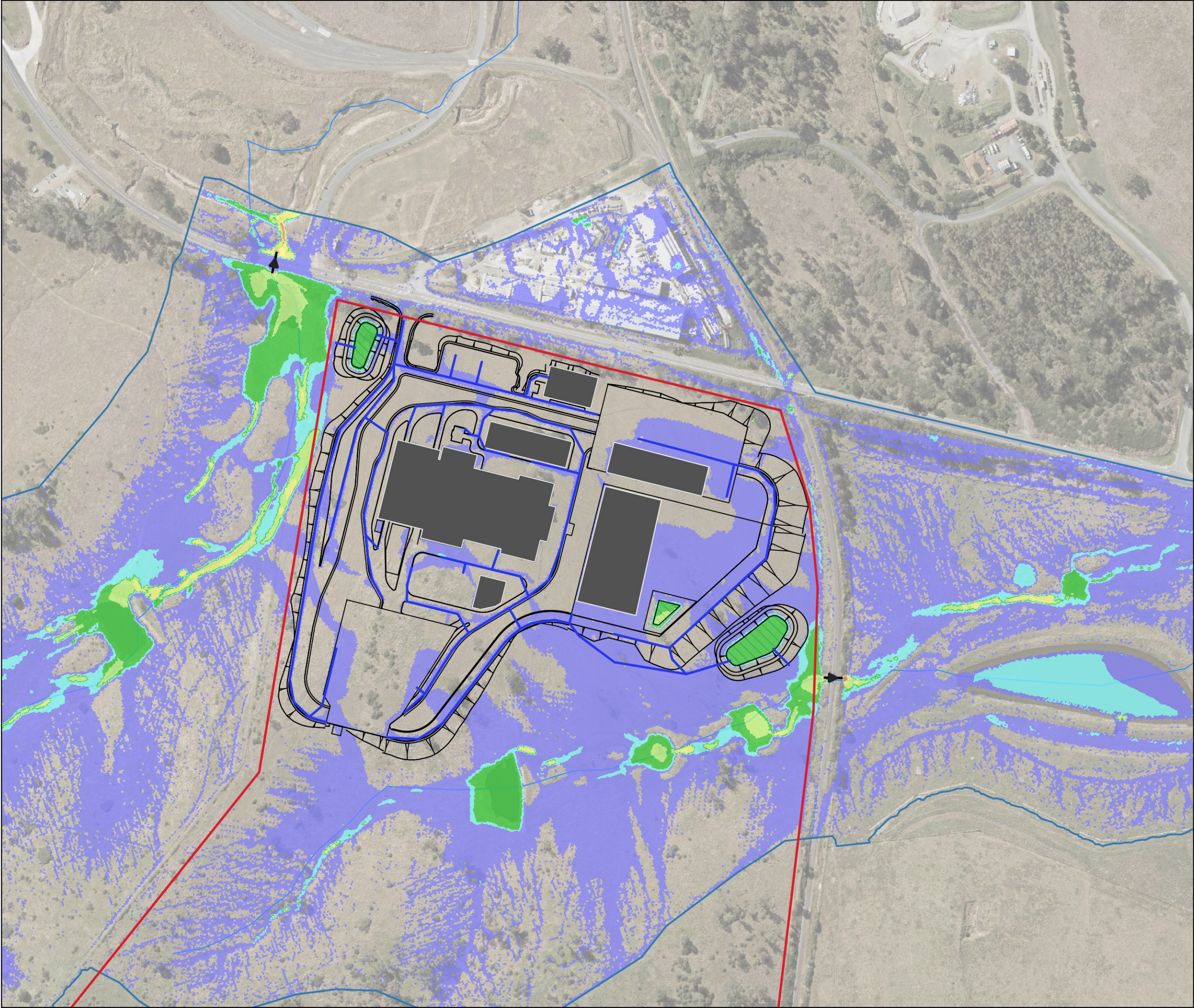
Figure Title

Existing Case: 1% AEP + CC SSP2
Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG24	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EFW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:19:01.296 | © Arup



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP Level 26, 123 Albert Street, Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

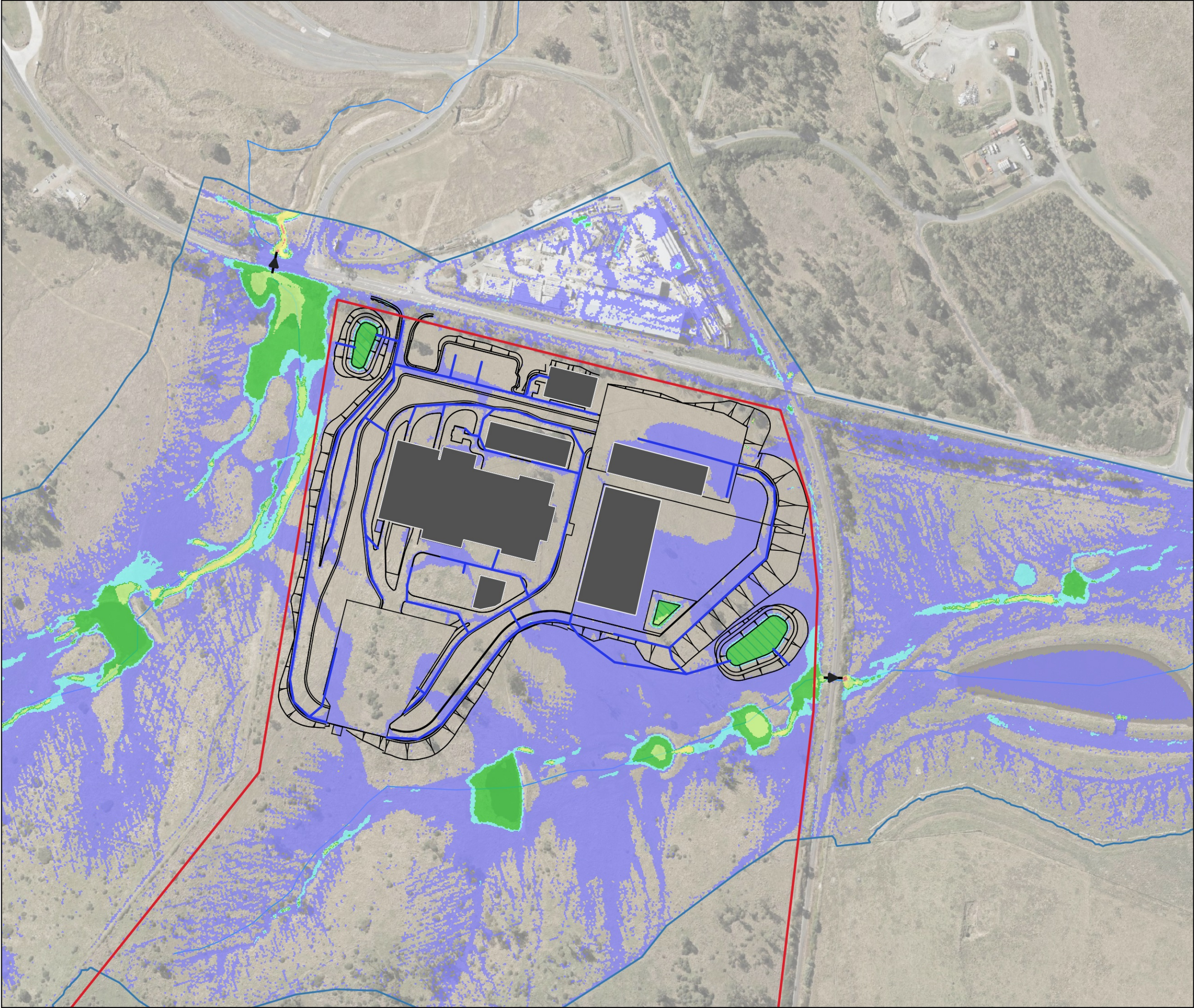
Making a sustainable future possible

Job Title
Cleanaway Bromelton EFW

Figure Title
Design Case: 1% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG25	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

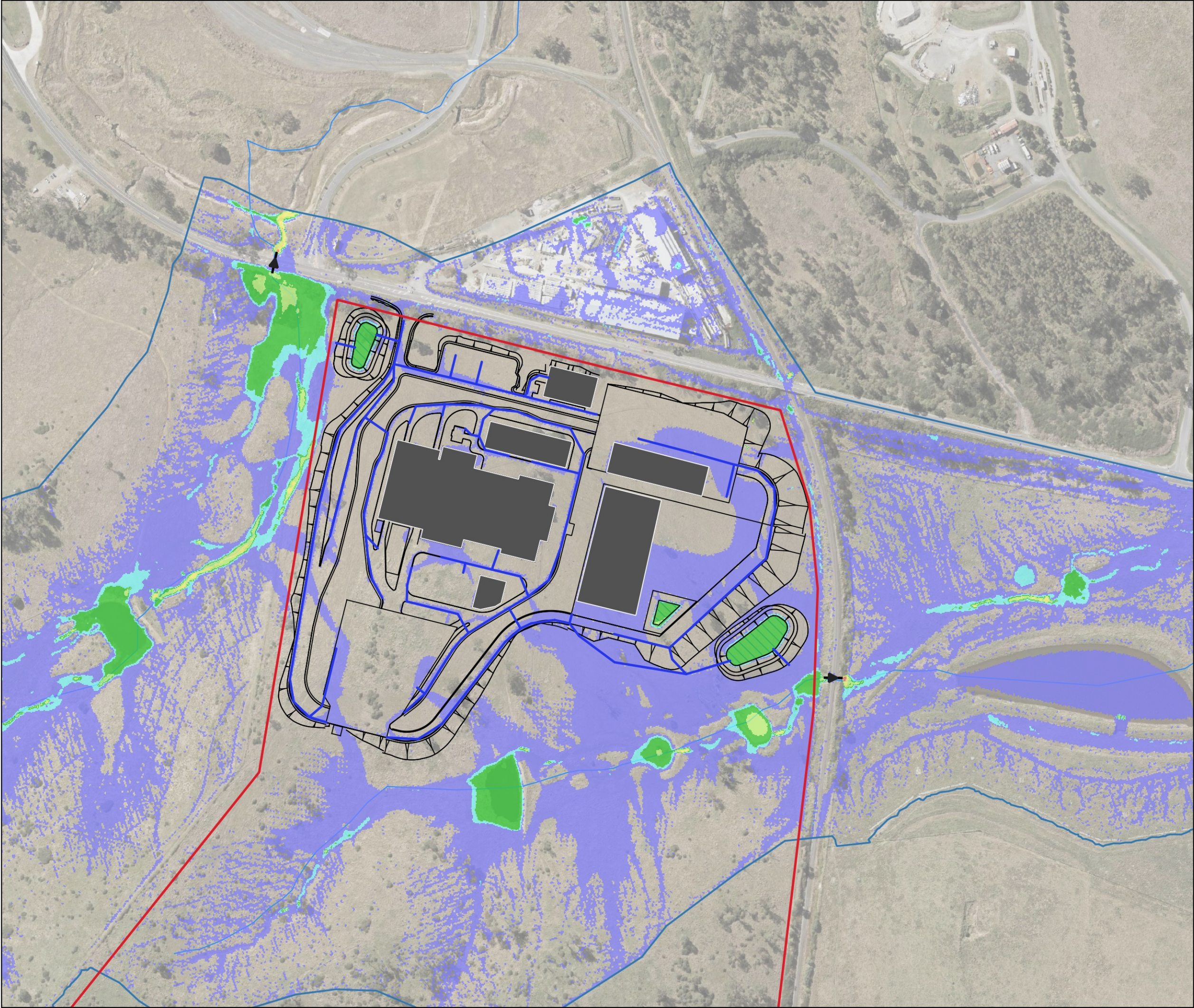
Cleanaway Bromelton EFW

Figure Title

Design Case: 2% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG26	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP Level 26, 123 Albert Street, Brisbane, QLD, 4000 Australia

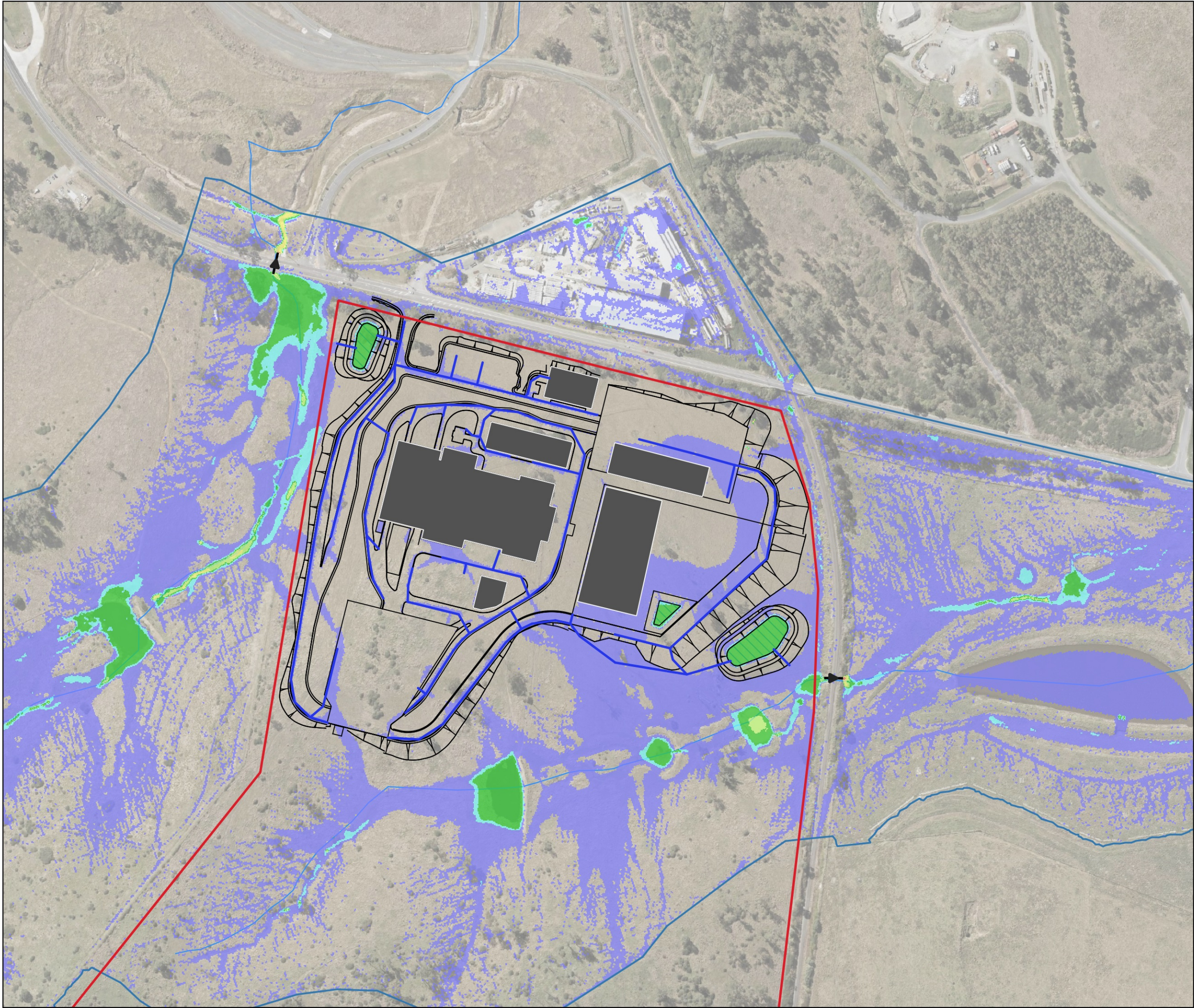


Client
Cleanaway Bromelton EFW

Figure Title
Design Case: 5% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG27	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

ARUP Level 26, 123 Albert Street, Brisbane, QLD, 4000 Australia

Client



Cleanaway Bromelton EFW

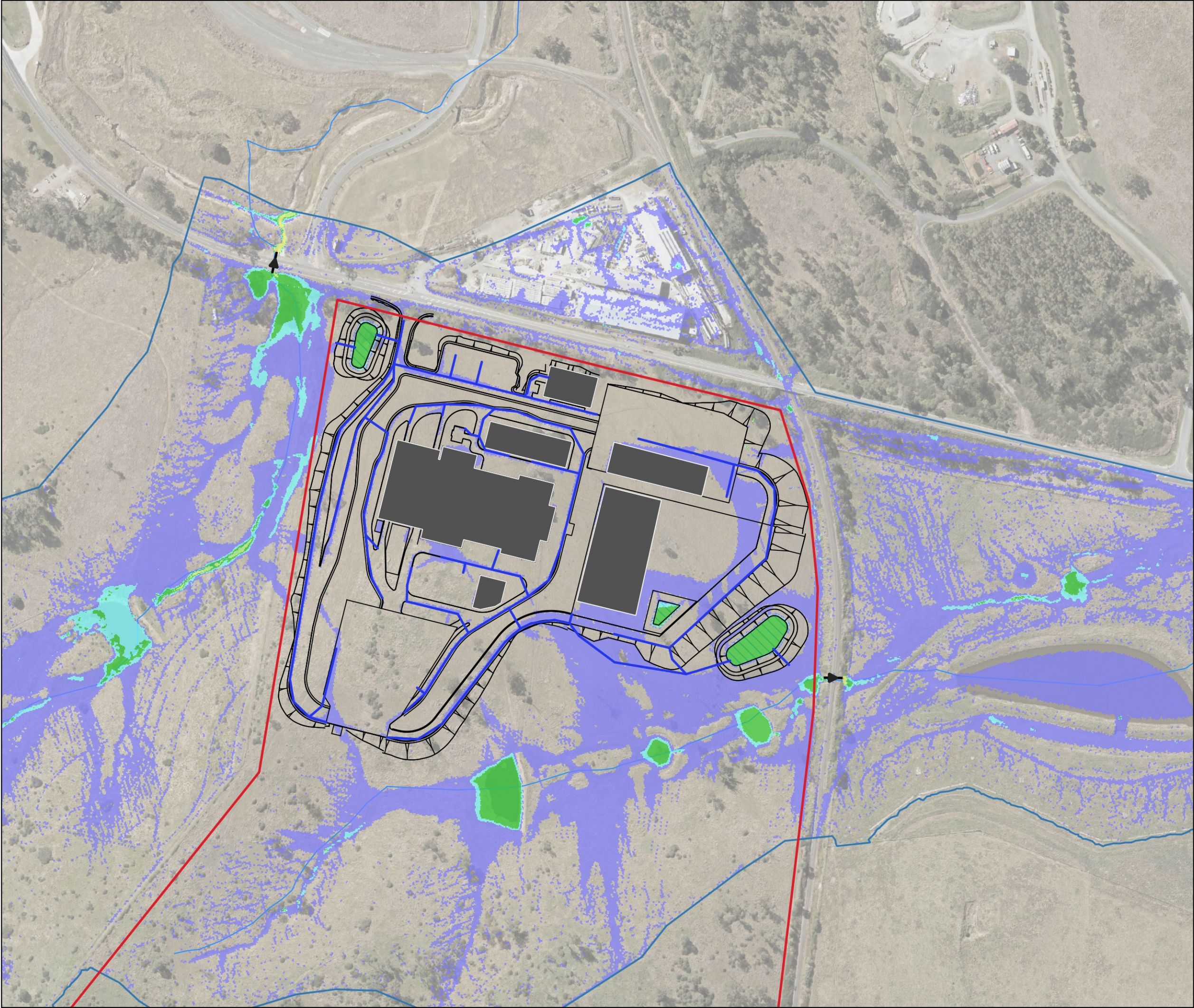
Job Title
Cleanaway Bromelton EFW

Figure Title
Design Case: 10% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG28	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EfW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:19:08.675 | © Arup



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

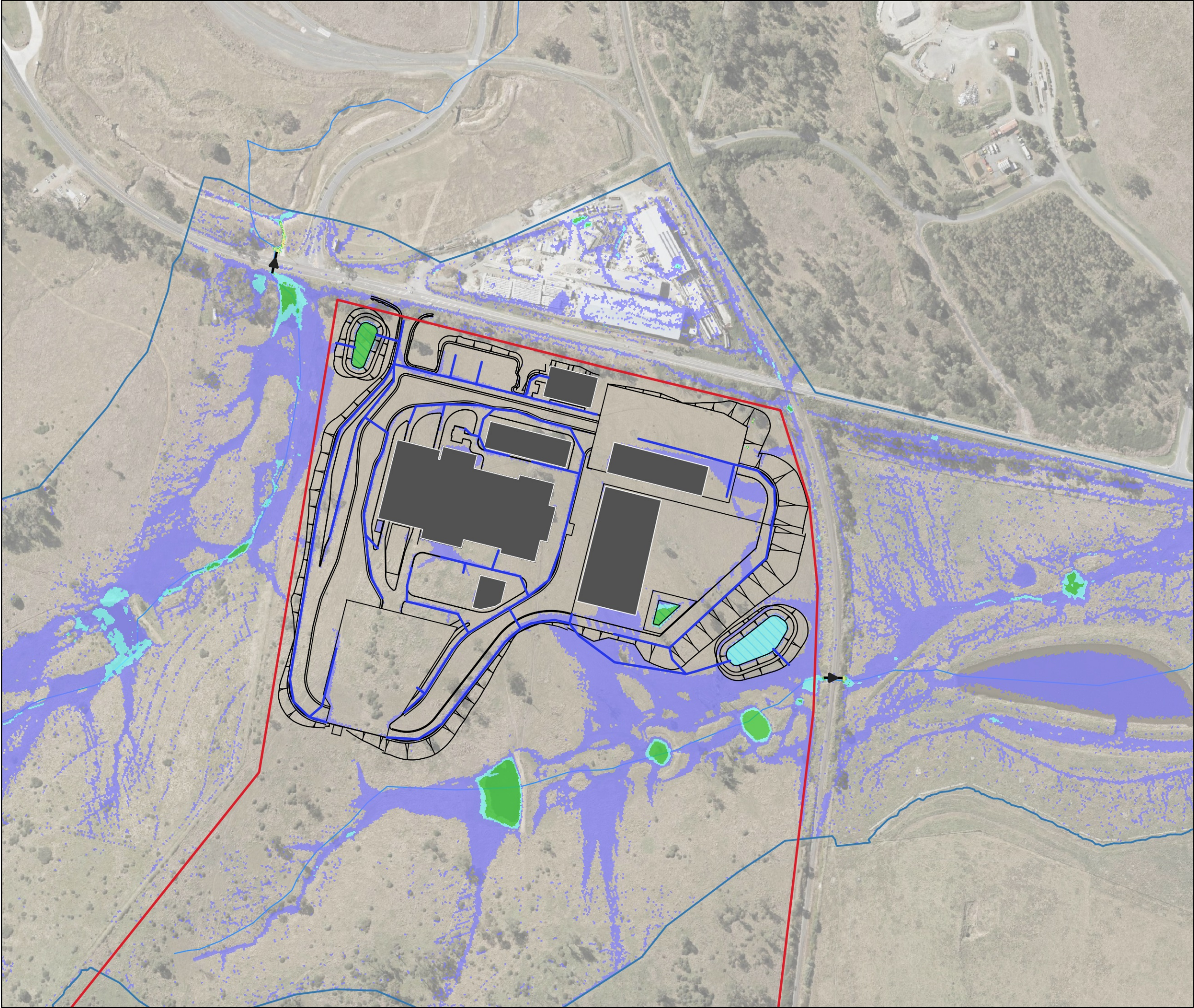
Cleanaway Bromelton EFW

Figure Title

Design Case: 20% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG29	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

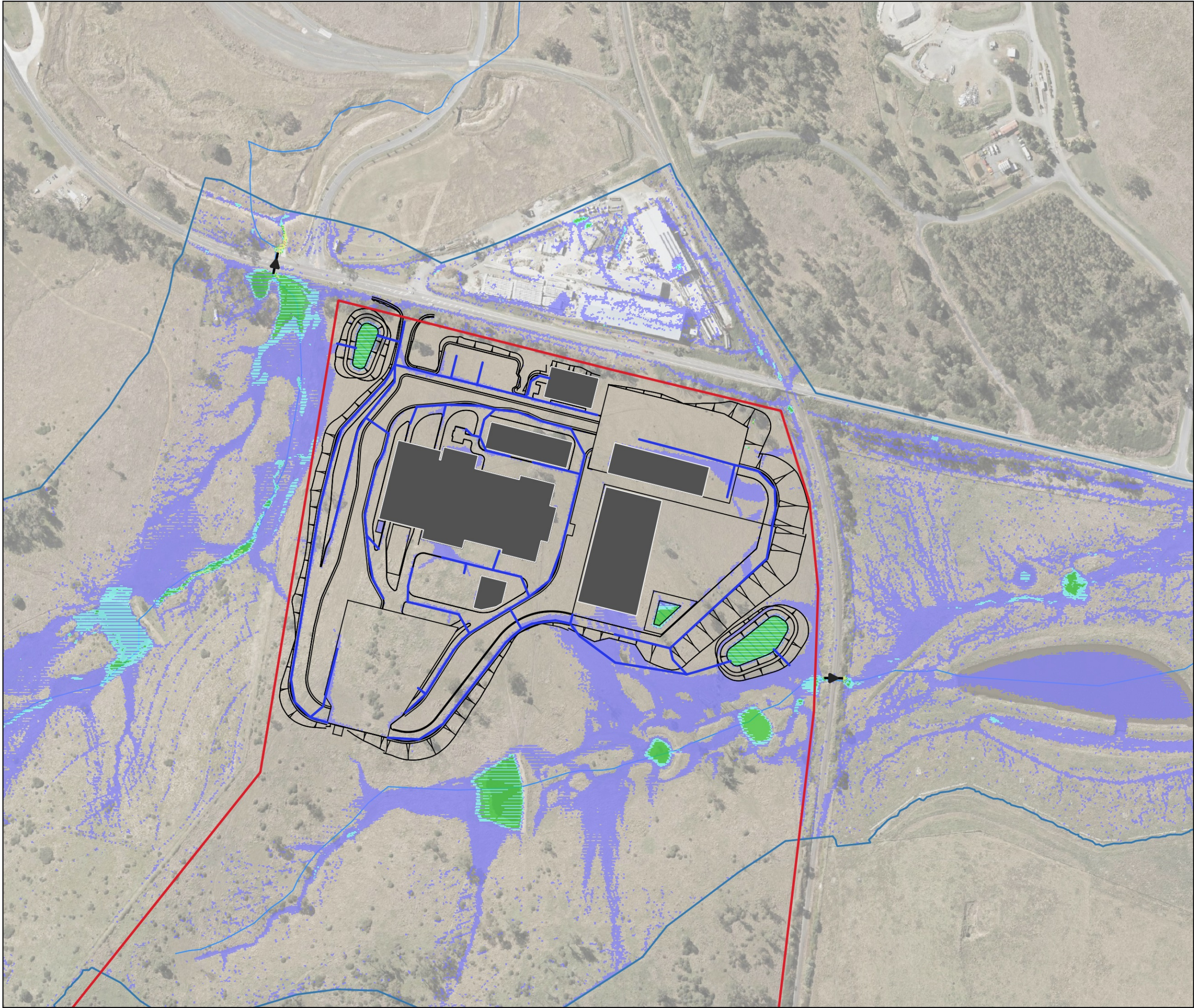
Cleanaway Bromelton EFW

Figure Title

Design Case: 50% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG30	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP Level 26, 123 Albert Street, Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

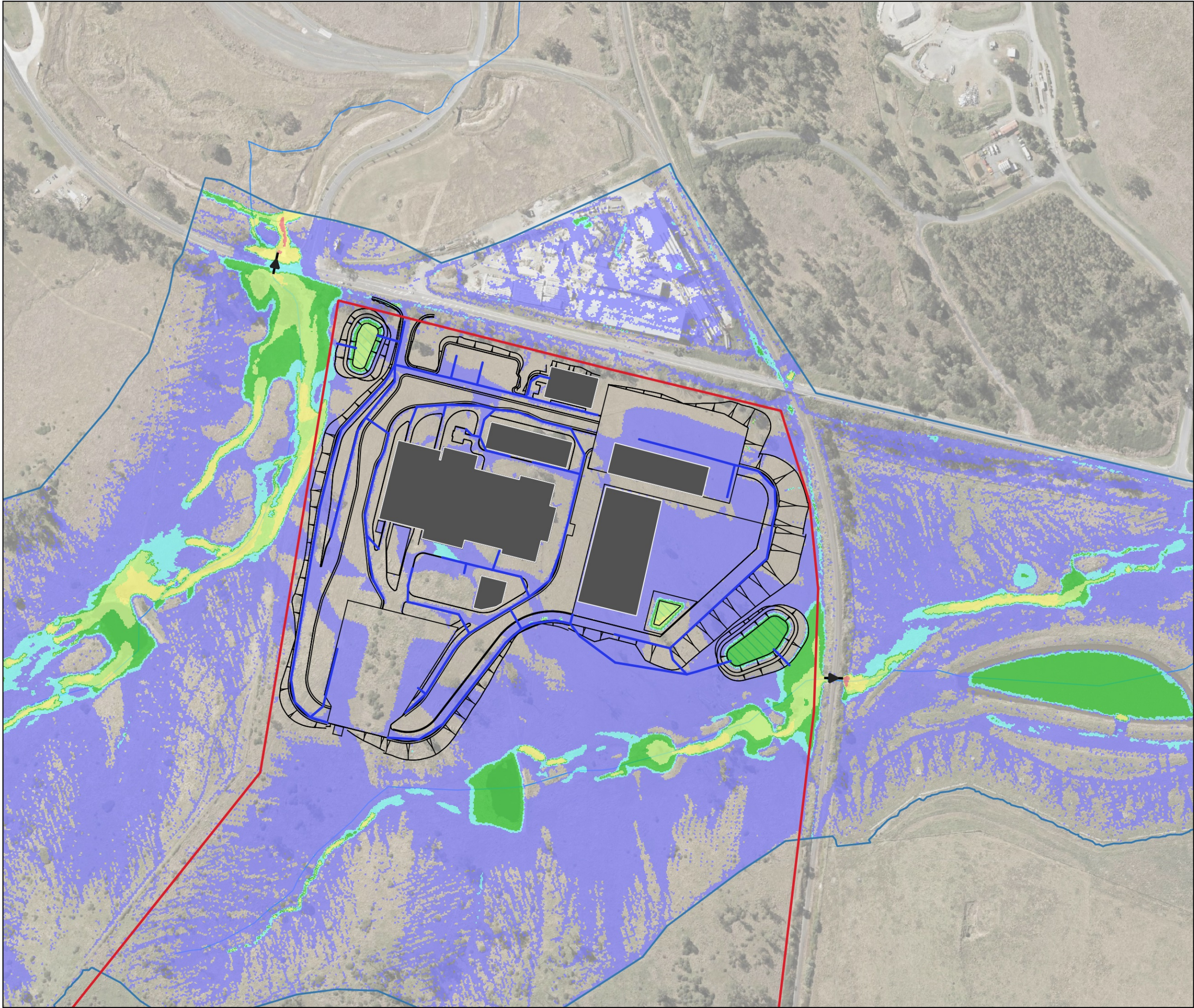
Making a sustainable future possible

Job Title
Cleanaway Bromelton EFW

Figure Title
Design Case: 63.2% AEP Flood Hazard

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG31	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Proposed Building

Proposed Basin

Proposed Layout

Hazard Category

H1 Generally safe for vehicles, people and buildings.

H2 Unsafe for small vehicles.

H3 Unsafe for vehicles, children and the elderly.

H4 Unsafe for vehicles and people.

H5 Unsafe for vehicles and people. All building types vulnerable to structural damage.

H6 Unsafe for vehicles and people. All building types considered vulnerable to failure.

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd



ARUP Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

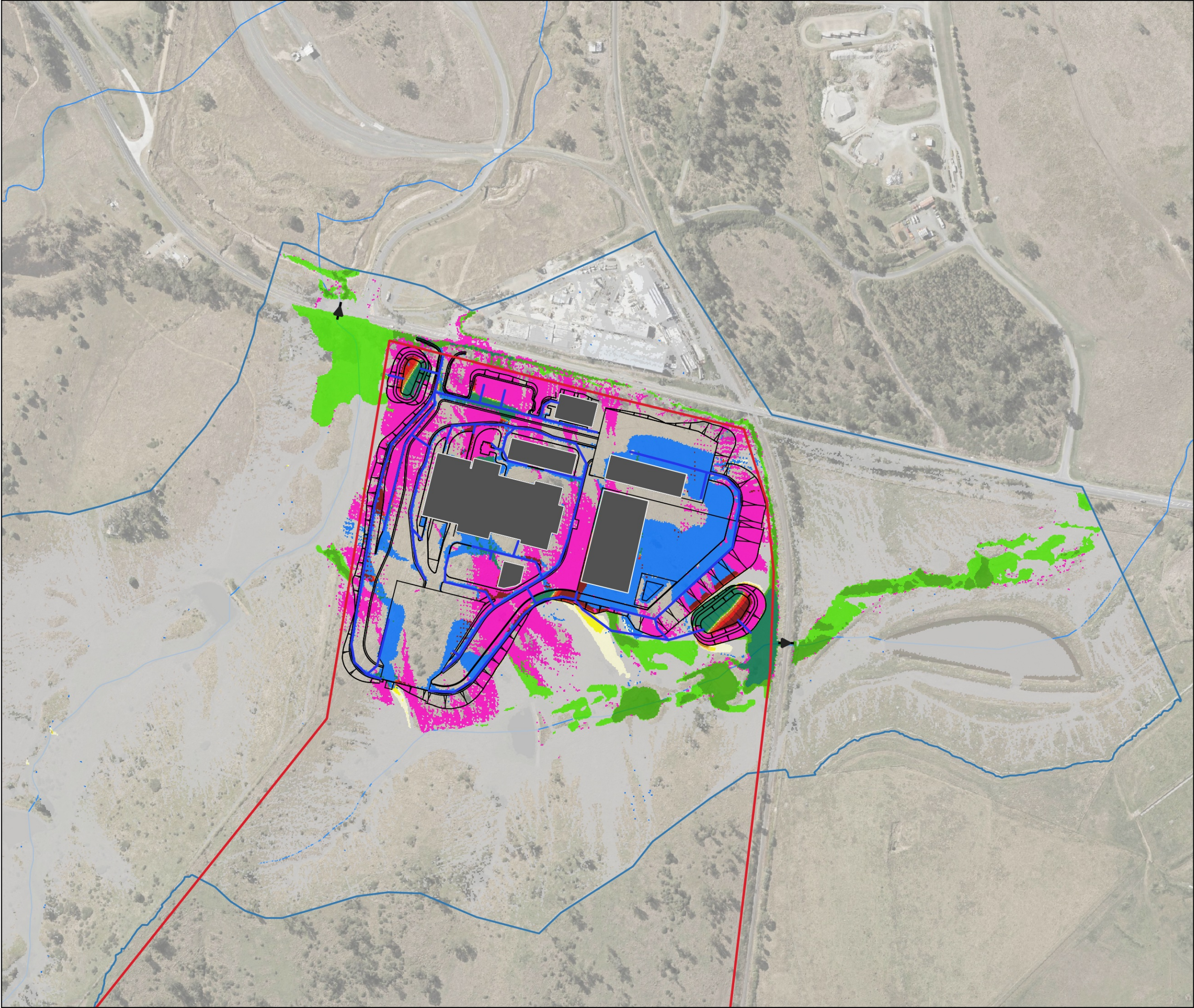


Client
Cleanaway Bromelton EFW

Figure Title
**Design Case: 1% AEP + CC SSP2
Flood Hazard**

Scale at A3 1:4000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
Job No 293683-00	Drawing Status For Information
Map No FIG32	Issue A

© Arup Australia Pty Ltd 2026. All Rights Reserved
Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.
Sources: QLD Globe Imagery, QLD Spatial



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Depth Difference (m)

Was Wet, Now Dry

< - 0.1

-0.5 to -0.02

-0.02 to -0.01

-0.01 to 0.01

0.01 to 0.02

0.02 to 0.03

0.02 to 0.04

0.04 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.25

0.25 to 0.5

> 0.5

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

0

90

180

270 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

Design Case: 1% AEP Flood Depth Impacts

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

Map No
FIG33

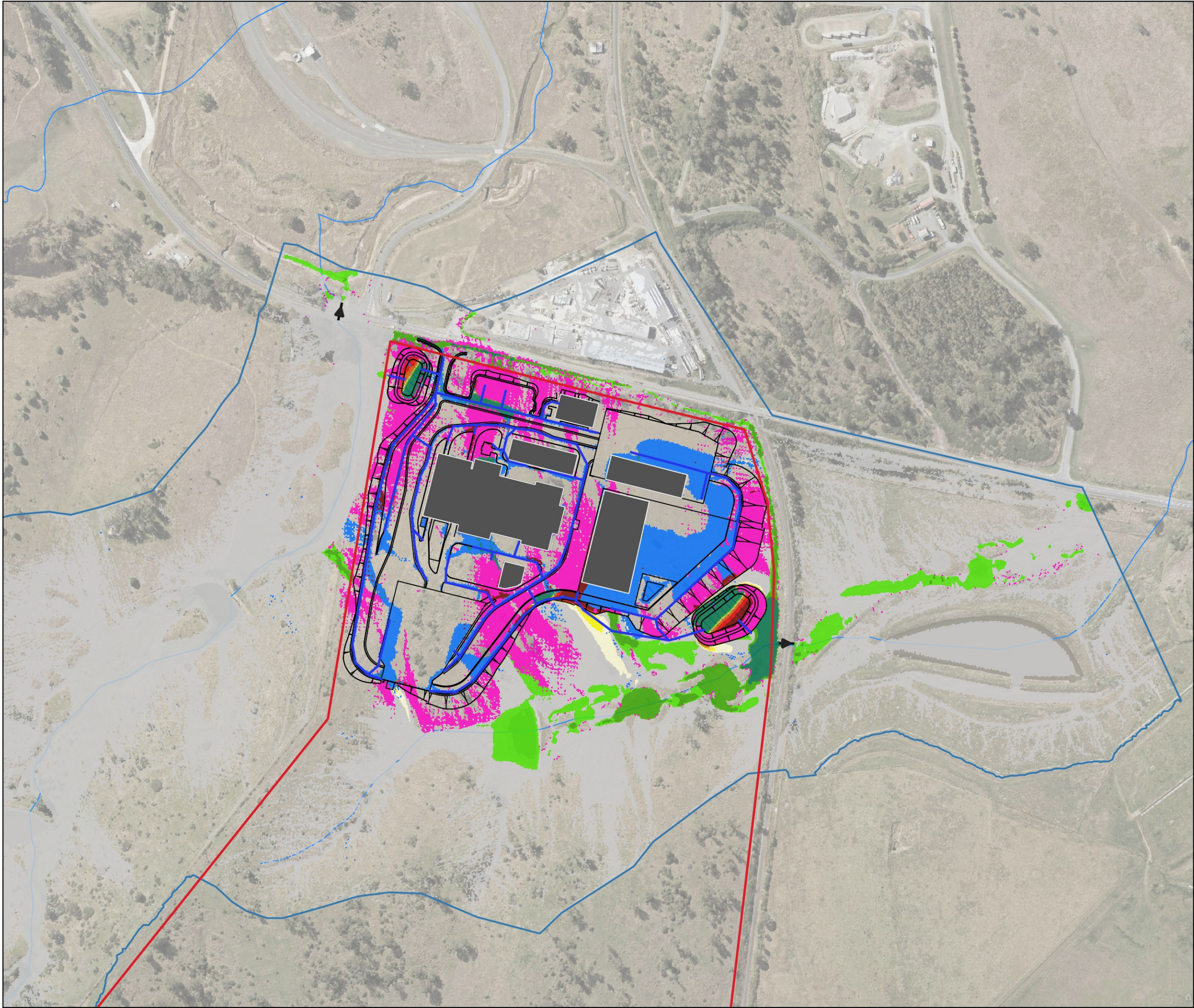
Issue
A

© Arup Australia Pty Ltd 2026. All Rights Reserved

Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.

Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EfW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:19:21.653 | © Arup



Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Depth Difference (m)

Was Wet, Now Dry

< - 0.1

-0.5 to -0.02

-0.02 to -0.01

-0.01 to 0.01

0.01 to 0.02

0.02 to 0.03

0.02 to 0.04

0.04 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.25

0.25 to 0.5

> 0.5

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

0

90

180

270 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EfW

Figure Title

Design Case: 2% AEP Flood Depth Impacts

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

Map No
FIG34

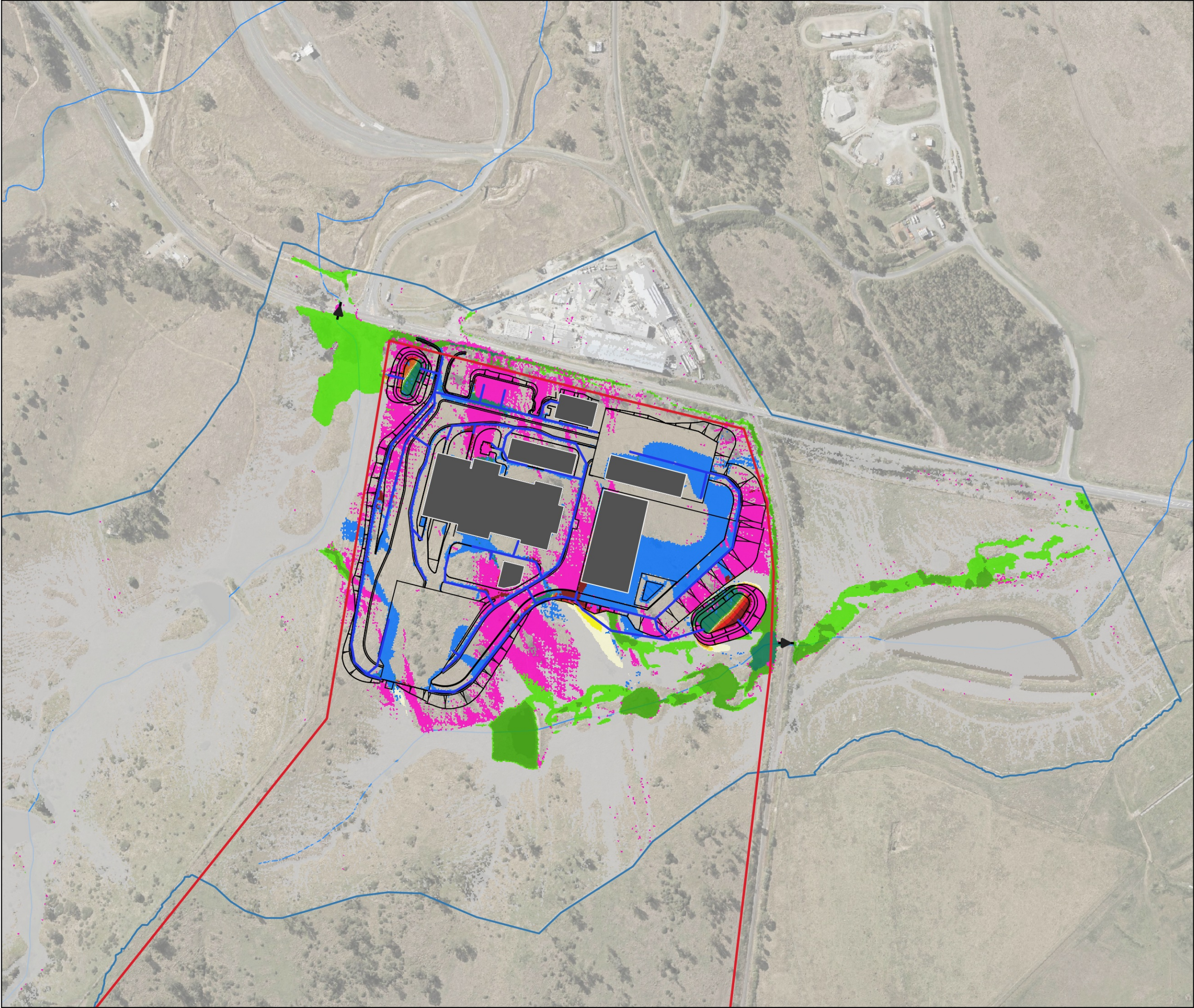
Issue
A

© Arup Australia Pty Ltd 2026. All Rights Reserved

Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.

Sources: QLD Globe Imagery, QLD Spatial

J:\293000\293683-00 Cleanaway Bromelton EfW\Work\Internal\Flooding\Map Page Size: A3 | 2026-01-30T16:19:23.452 | © Arup



Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Depth Difference (m)

Was Wet, Now Dry

< - 0.1

-0.5 to -0.02

-0.02 to -0.01

-0.01 to 0.01

0.01 to 0.02

0.02 to 0.03

0.02 to 0.04

0.04 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.25

0.25 to 0.5

> 0.5

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

0

90

180

270 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

Design Case: 5% AEP Flood Depth Impacts

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

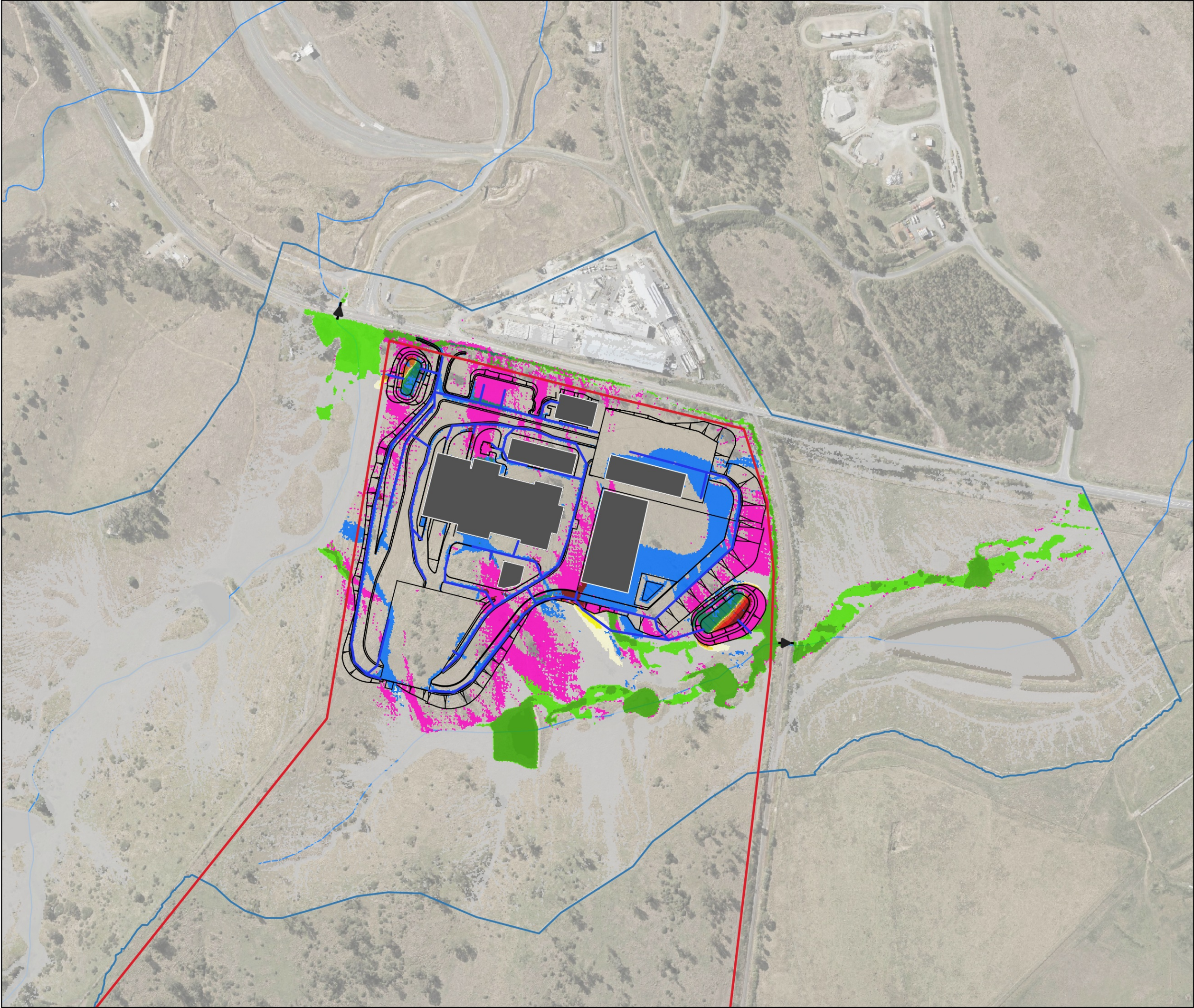
Map No
FIG35

Issue
A

© Arup Australia Pty Ltd 2026. All Rights Reserved

Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.

Sources: QLD Globe Imagery, QLD Spatial



Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Depth Difference (m)

Was Wet, Now Dry

< - 0.1

-0.5 to -0.02

-0.02 to -0.01

-0.01 to 0.01

0.01 to 0.02

0.02 to 0.03

0.02 to 0.04

0.04 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.25

0.25 to 0.5

> 0.5

Was Dry, Now Wet

A	30/01/2026	NS	TH	ACS
Phase	Date	By	Chkd	Appd

0

90

180

270 m

ARUP

Level 26, 123 Albert Street,
Brisbane, QLD, 4000 Australia

Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

Design Case: 10% AEP Flood Depth Impacts

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

Map No
FIG36

Issue
A

© Arup Australia Pty Ltd 2026. All Rights Reserved

Disclaimer: While all reasonable care has been taken to ensure the information on this map is up to date and accurate, no warranty is given that the information contained on this map is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.

Sources: QLD Globe Imagery, QLD Spatial