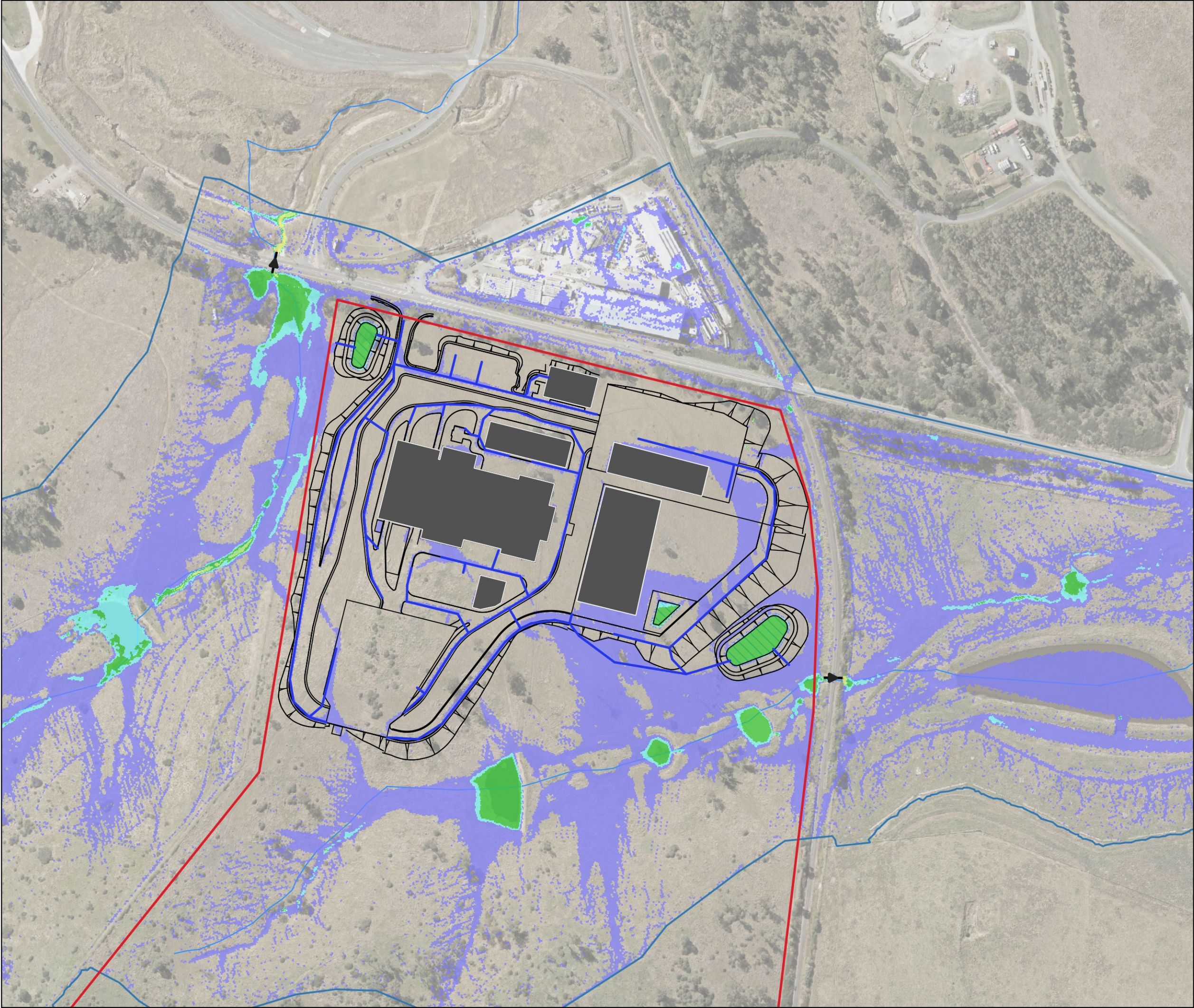




Legend

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

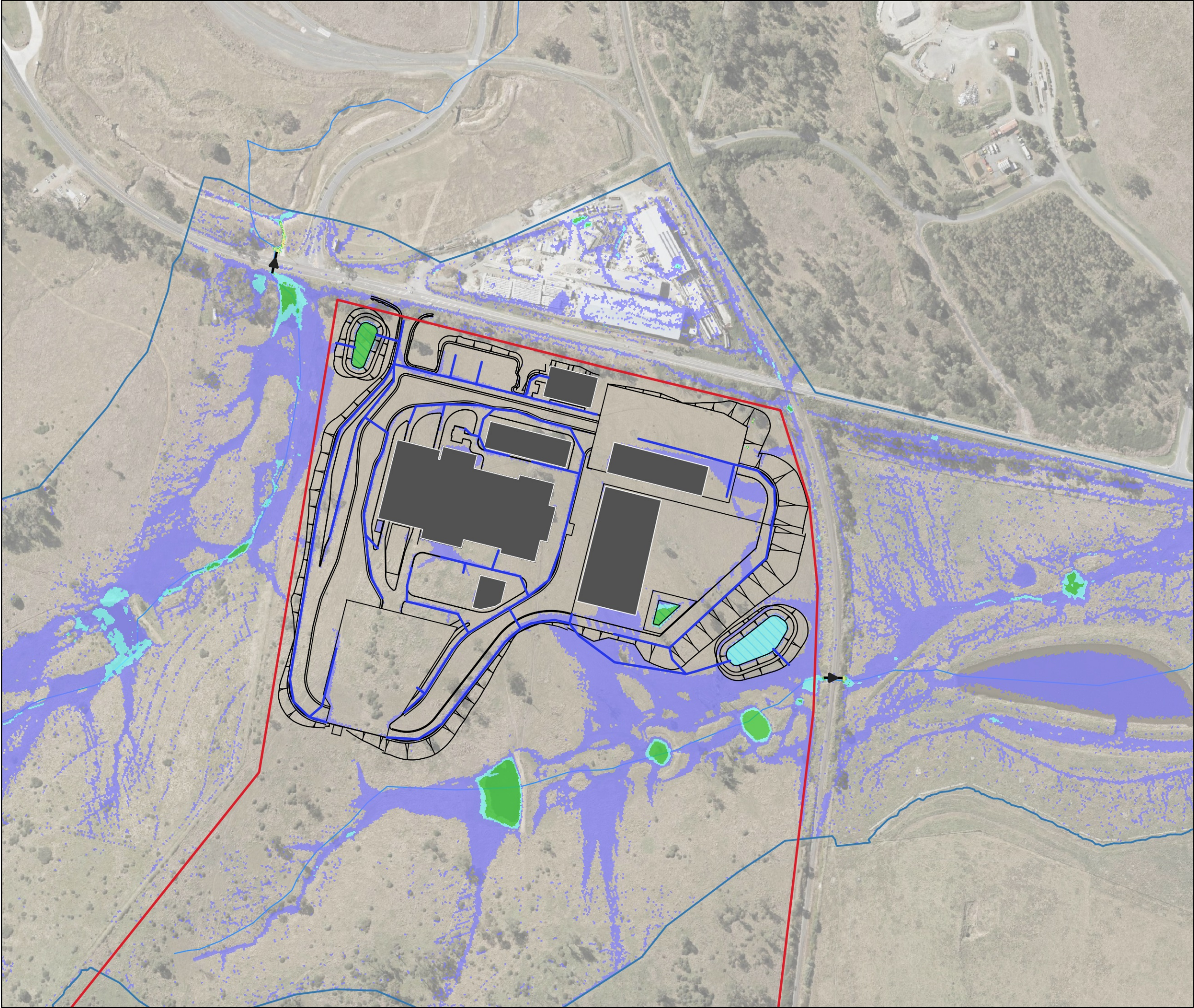
Cleanaway Bromelton EFW

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

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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

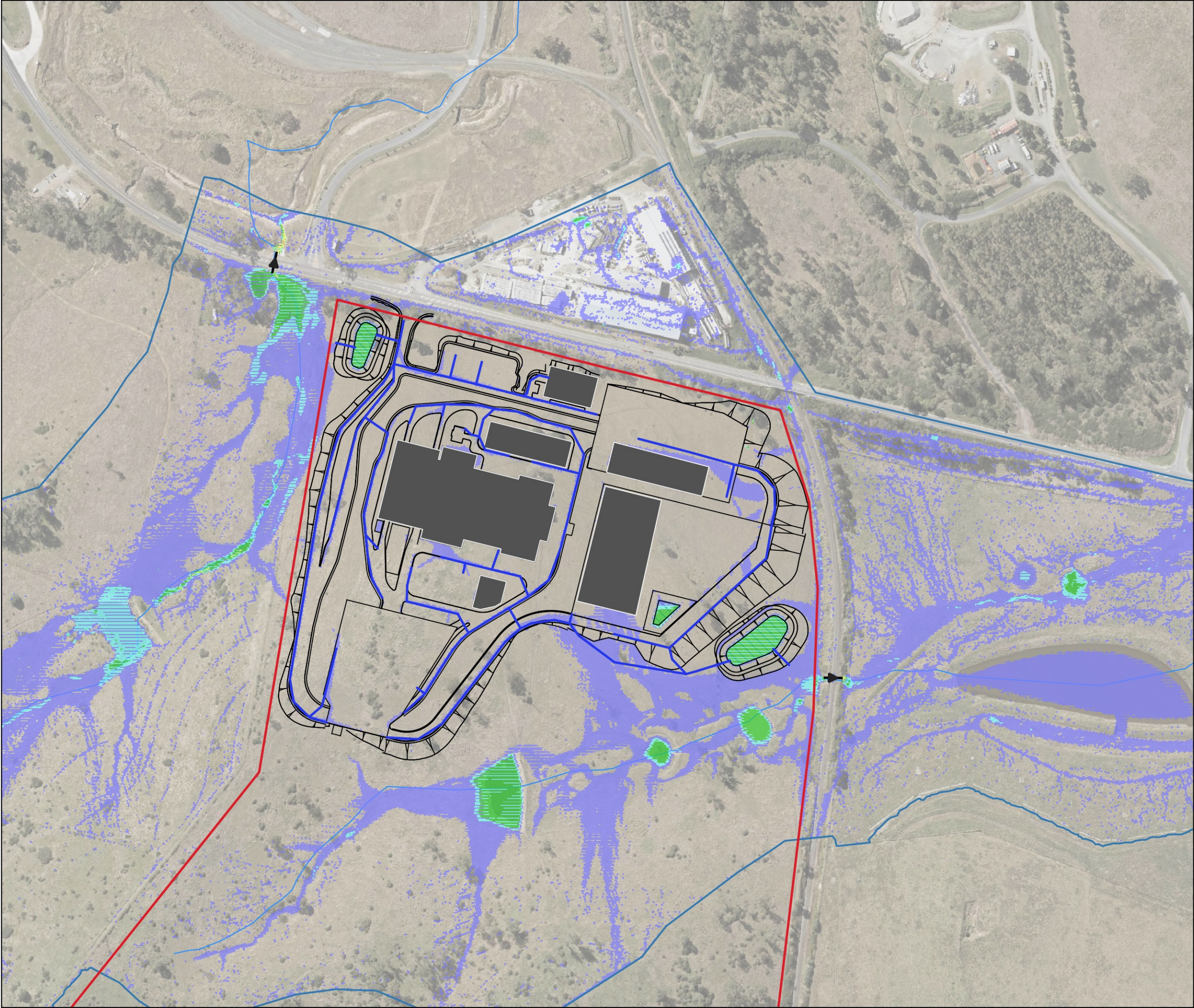
Client
Cleanaway Bromelton EFW

Figure Title
Design Case: 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

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Sources: QLD Globe Imagery, QLD Spatial

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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,
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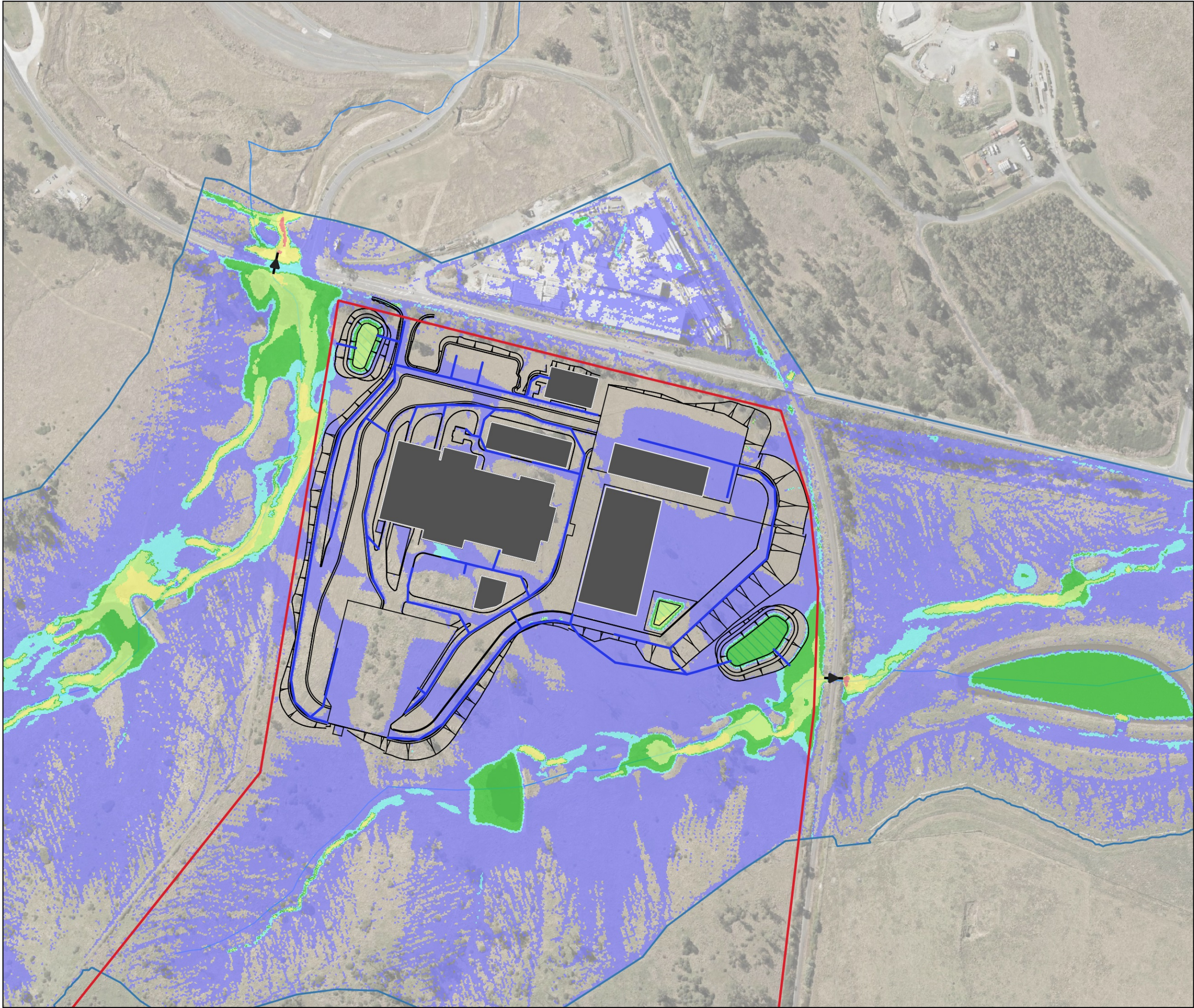


Client
Cleanaway Bromelton EFW

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

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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

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Client

CLEANAWAY

Making a sustainable future possible

Job Title

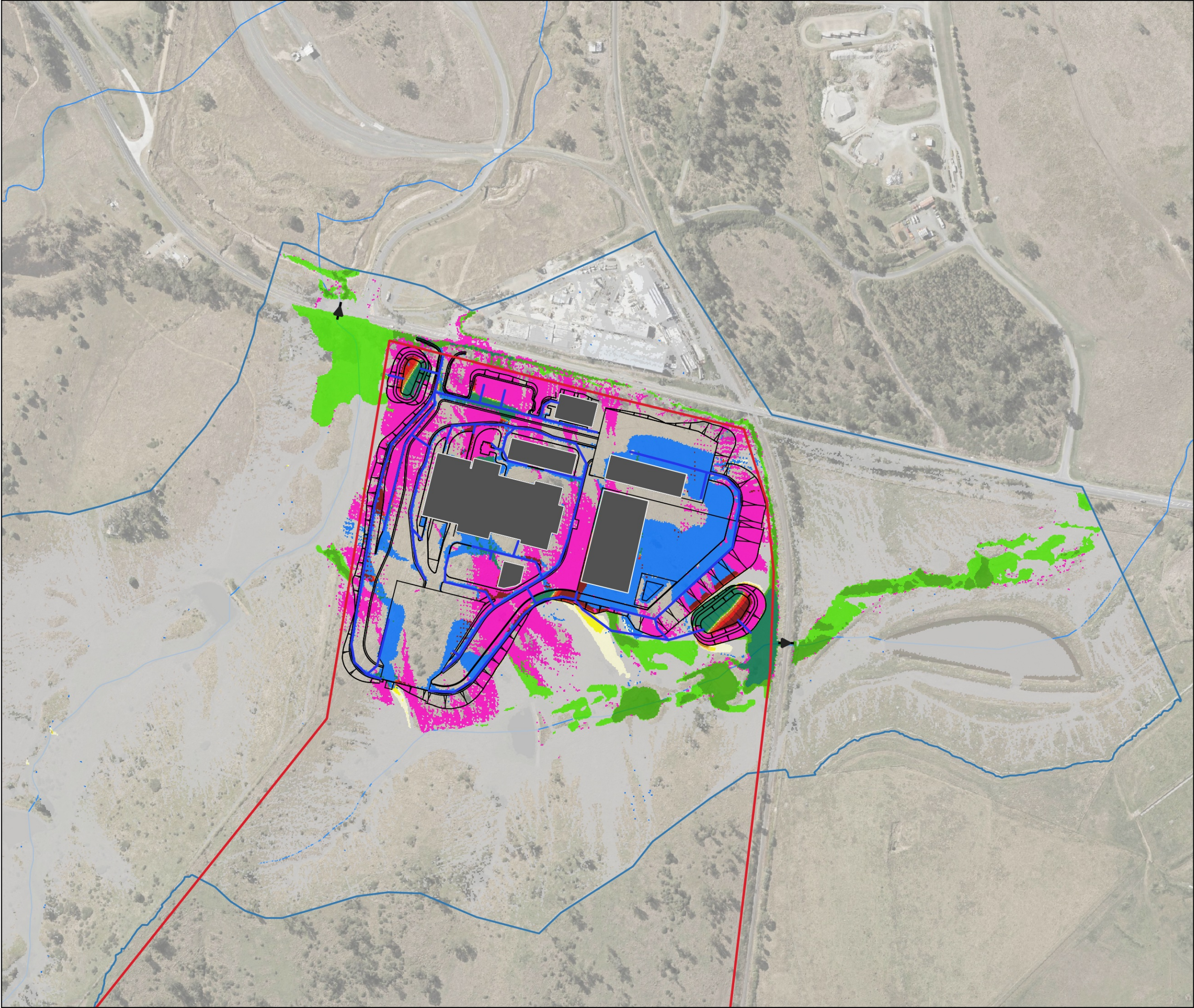
Cleanaway Bromelton EFW

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

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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

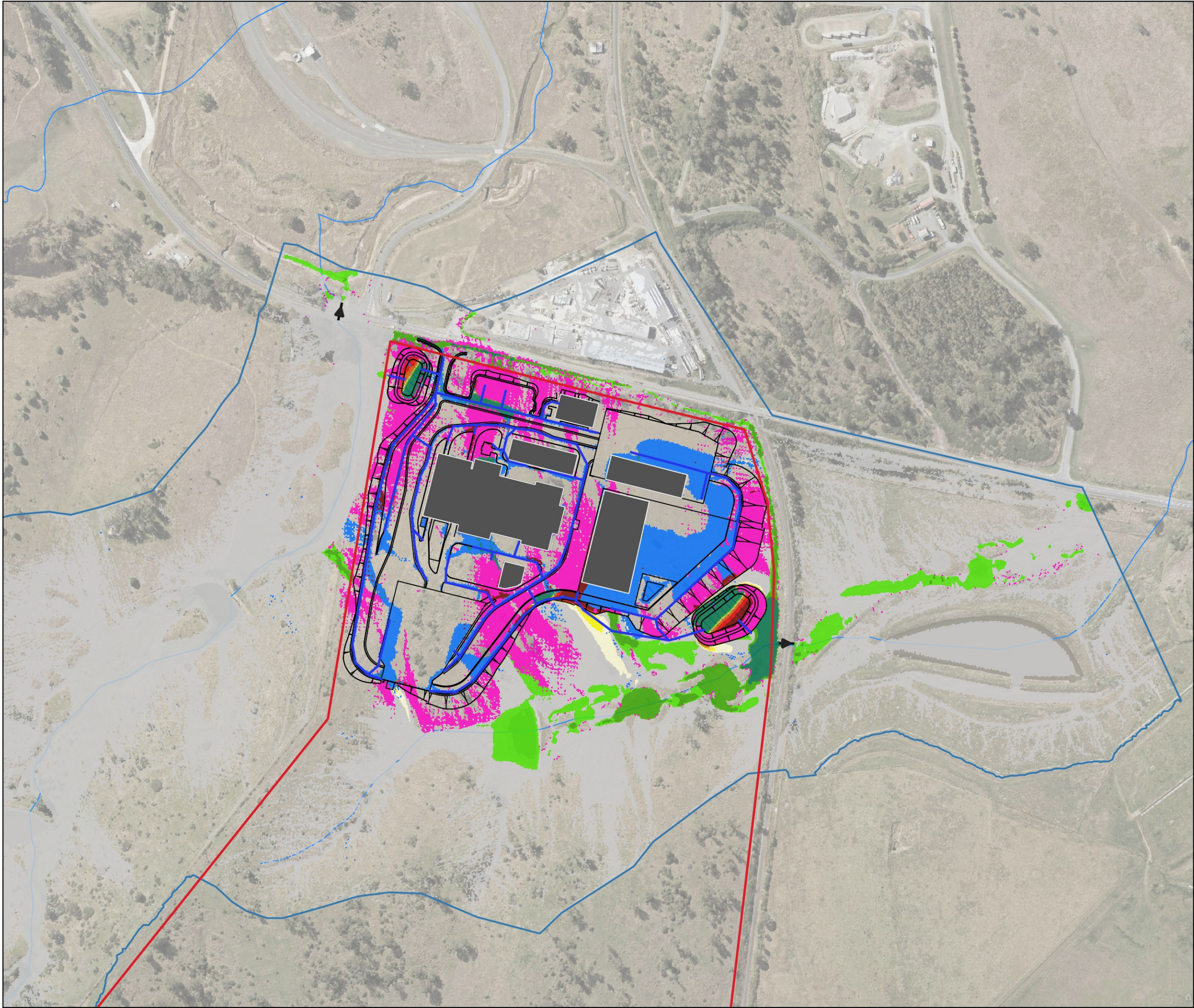
Issue
A

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Sources: QLD Globe Imagery, QLD Spatial

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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

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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

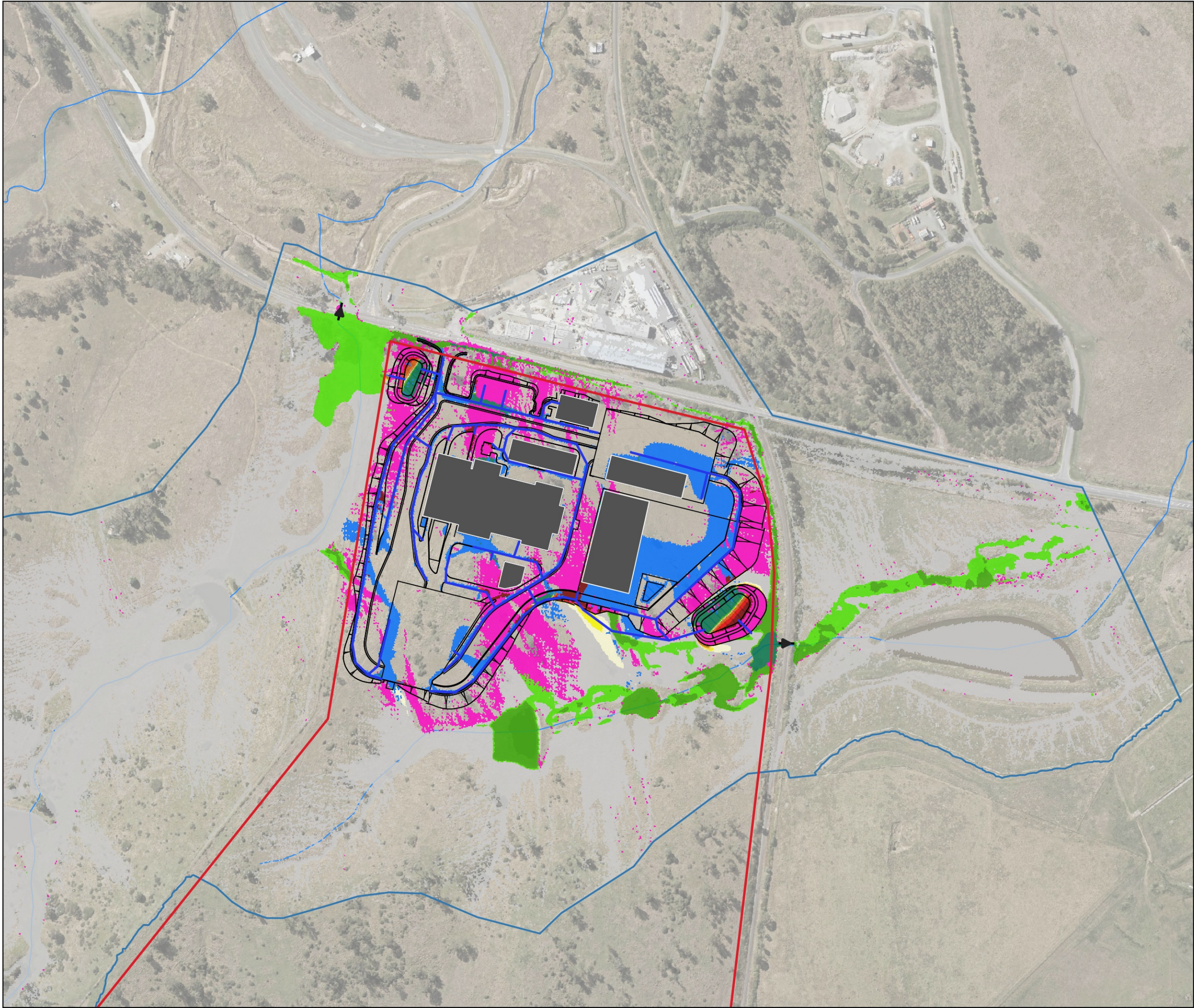
Issue
A

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Sources: QLD Globe Imagery, QLD Spatial

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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

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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

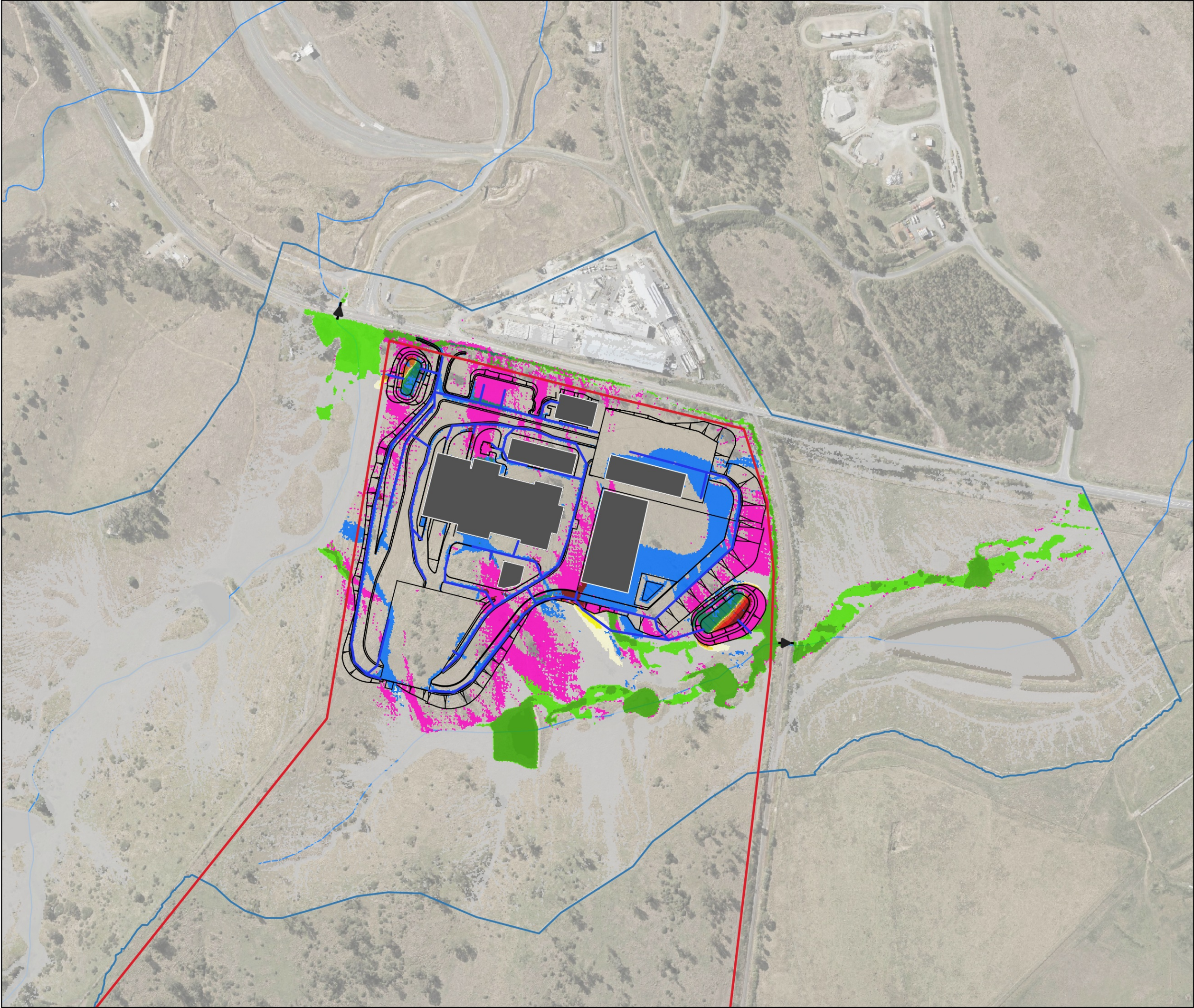
Map No
FIG35

Issue
A

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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

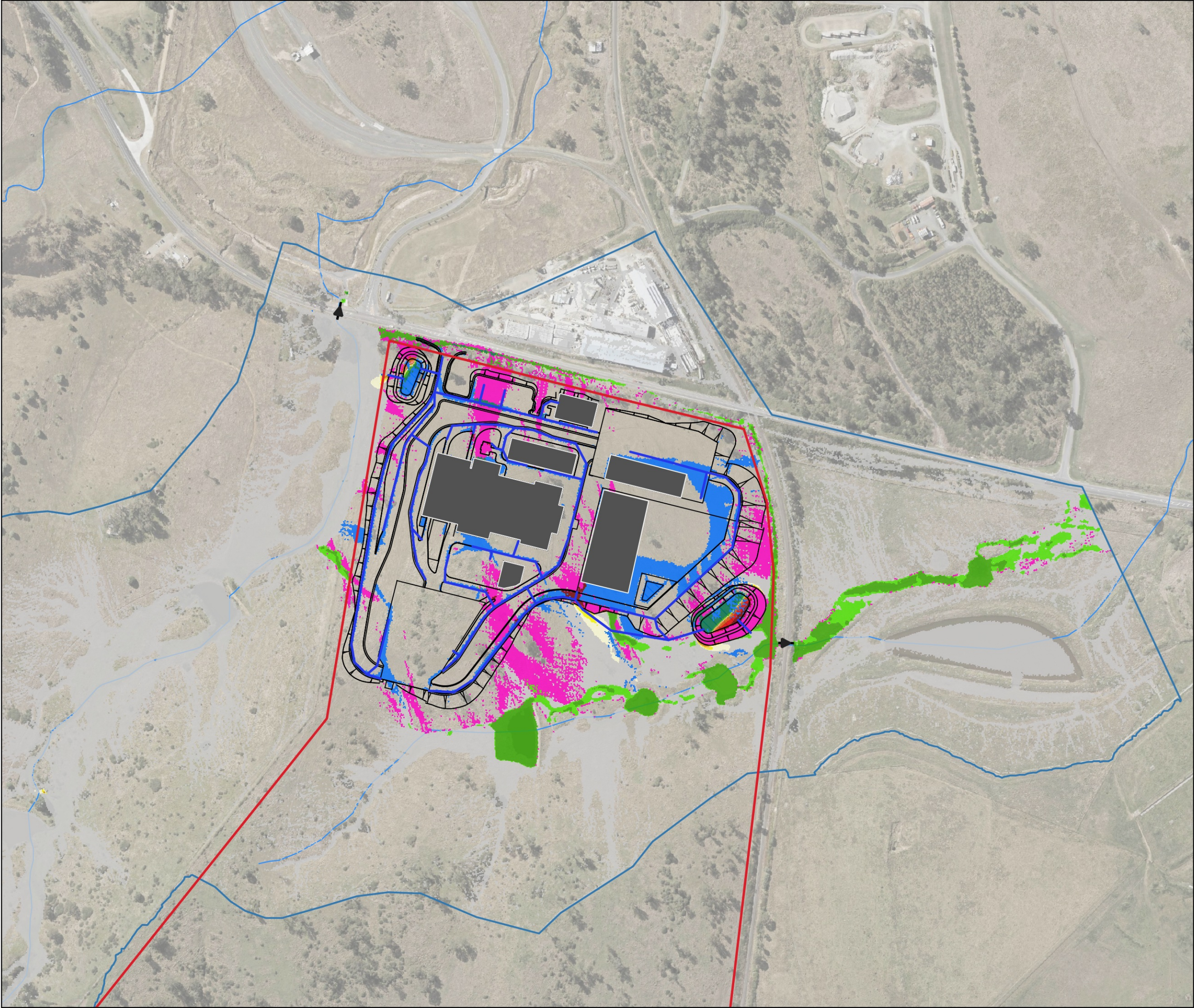
Map No
FIG36

Issue
A

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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: 20% 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
FIG37

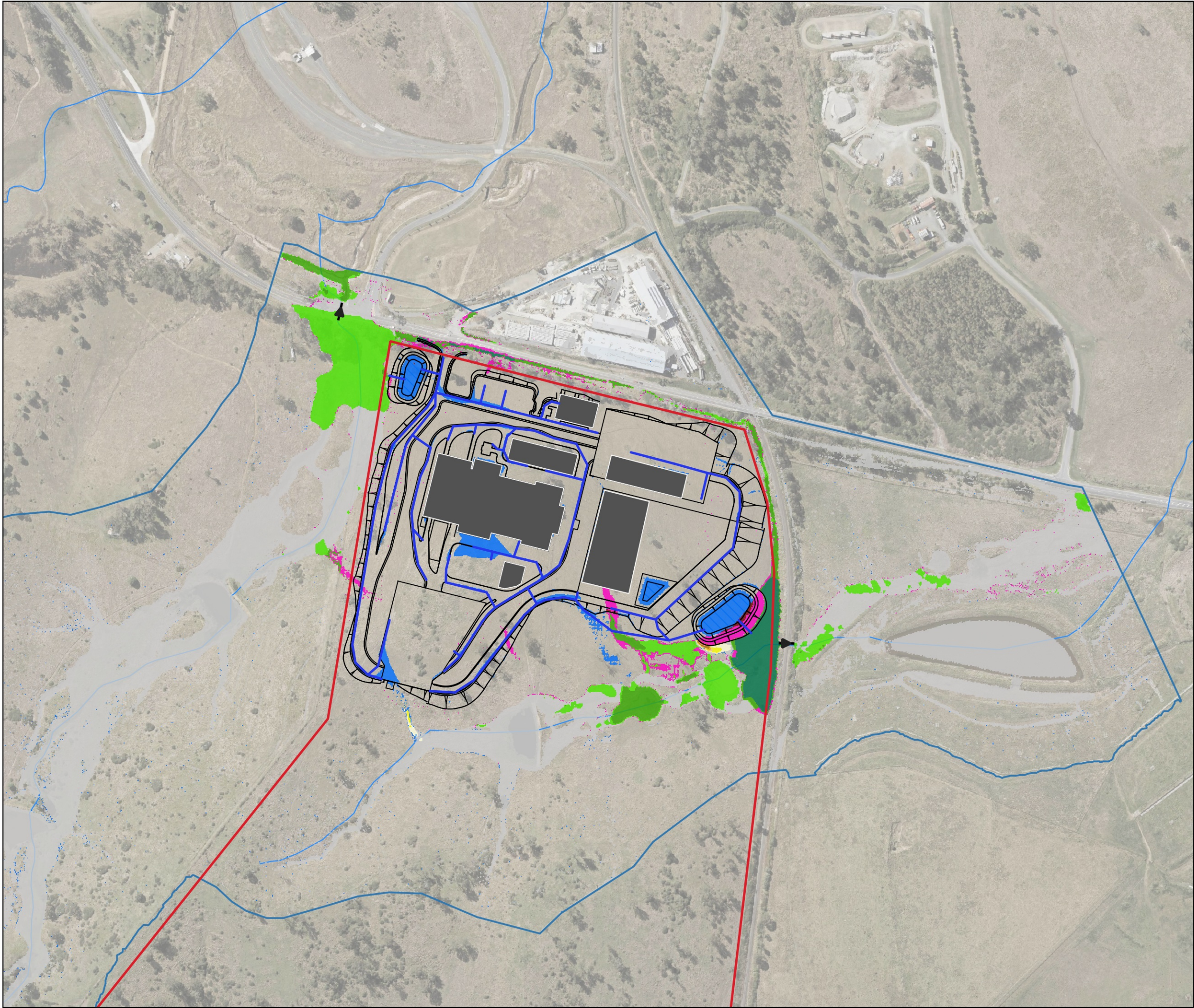
Issue
A

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Sources: QLD Globe Imagery, QLD Spatial

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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 + CC SSP2
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
FIG38

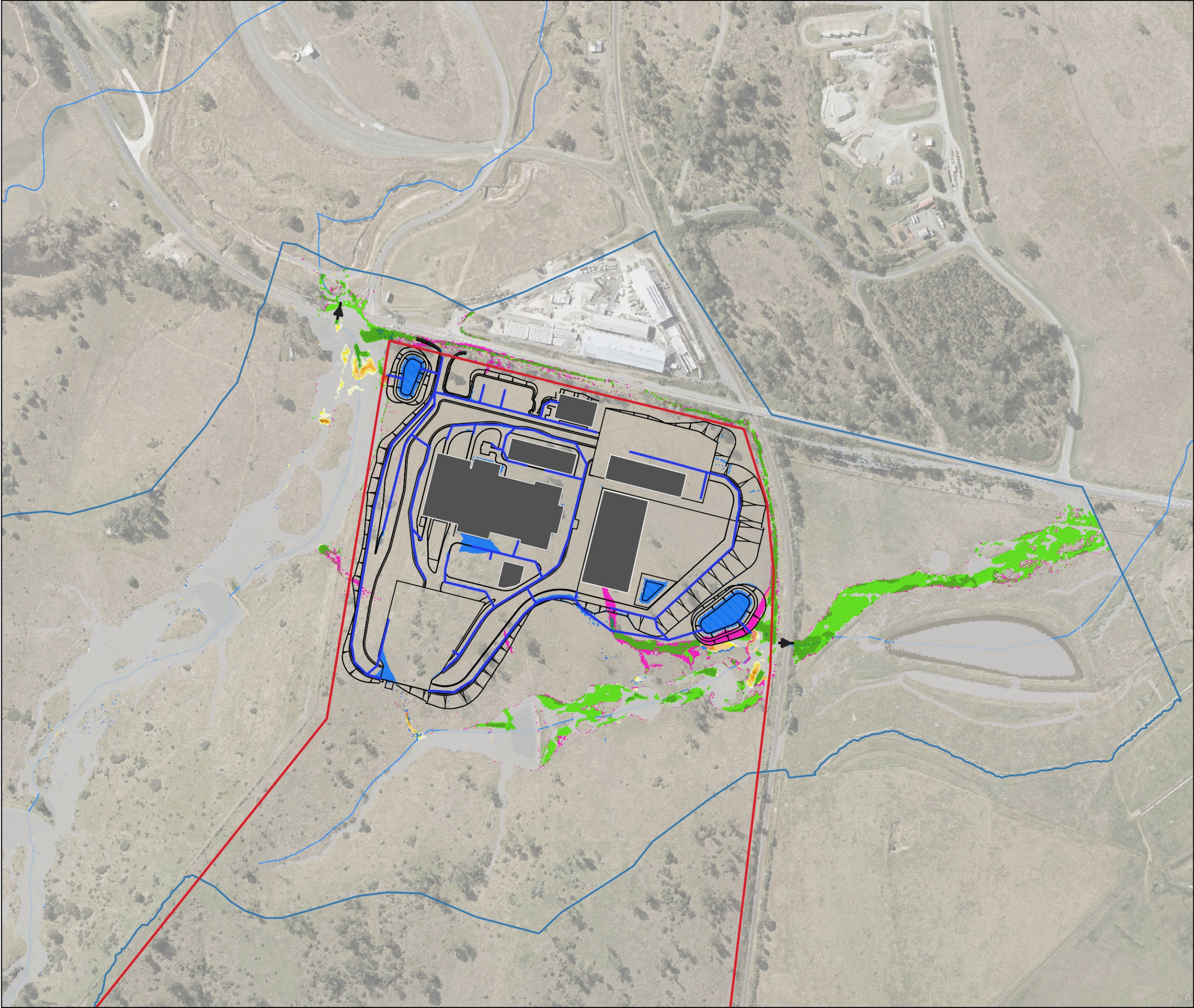
Issue
A

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Sources: QLD Globe Imagery, QLD Spatial

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Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

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 Velocity
Afflux

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

Map No
FIG39

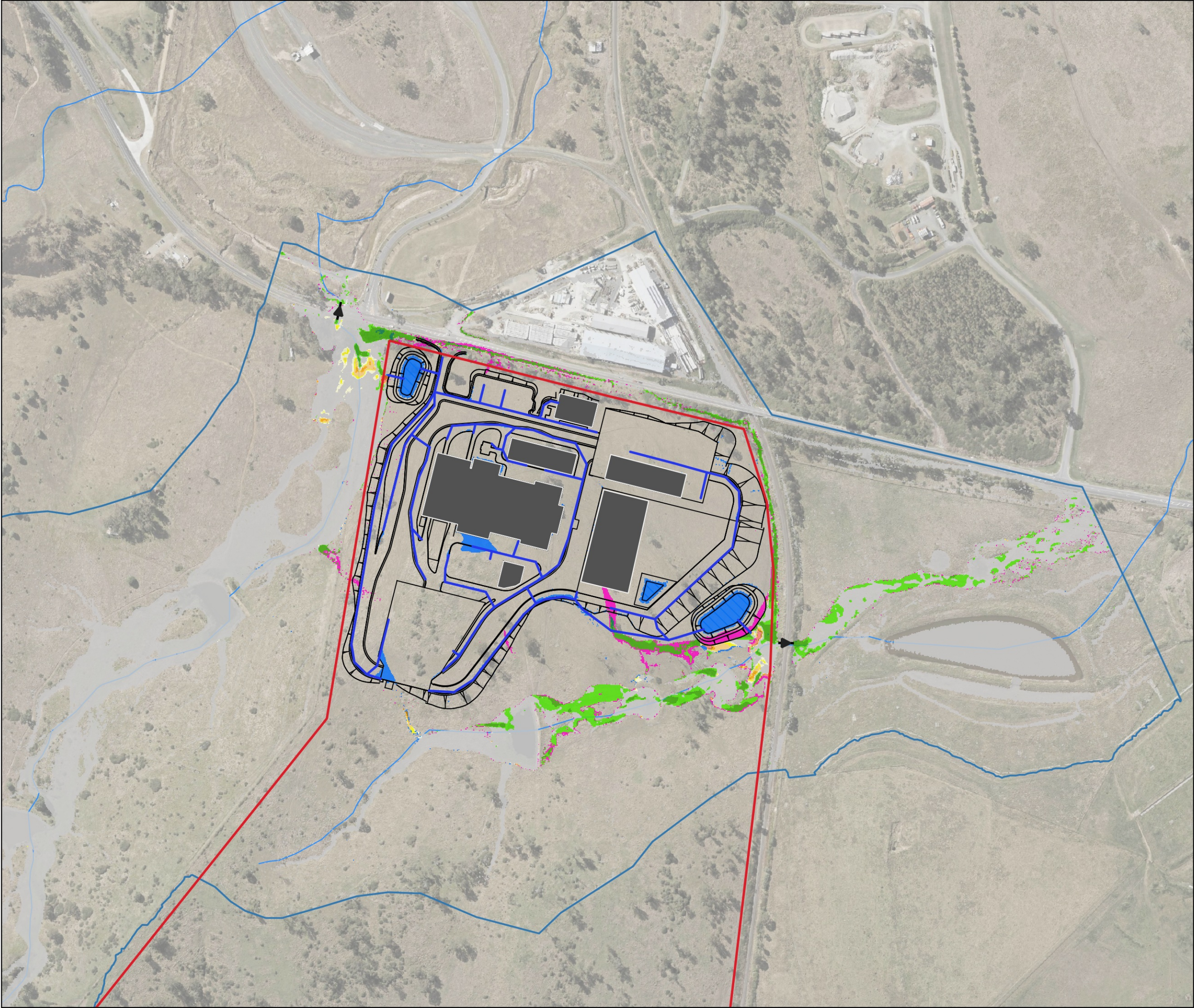
Issue
A

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Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

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 Velocity Afflux

Scale at A3

1:5000

Map Projection

GDA2020/MGA Zone 56
EPSG:7856

Job No

293683-00

Drawing Status

For Information

Map No

FIG40

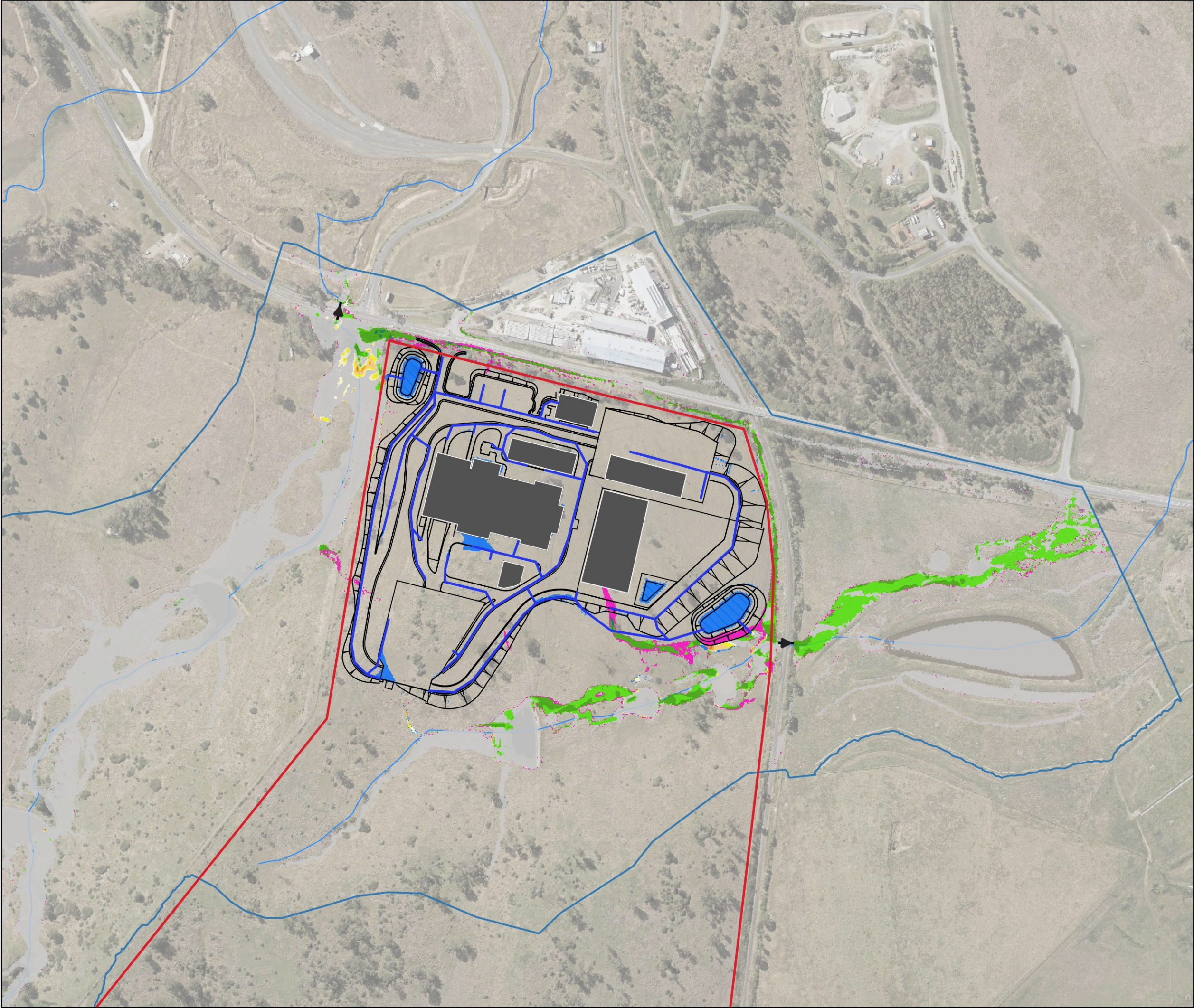
Issue

A

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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 Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

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

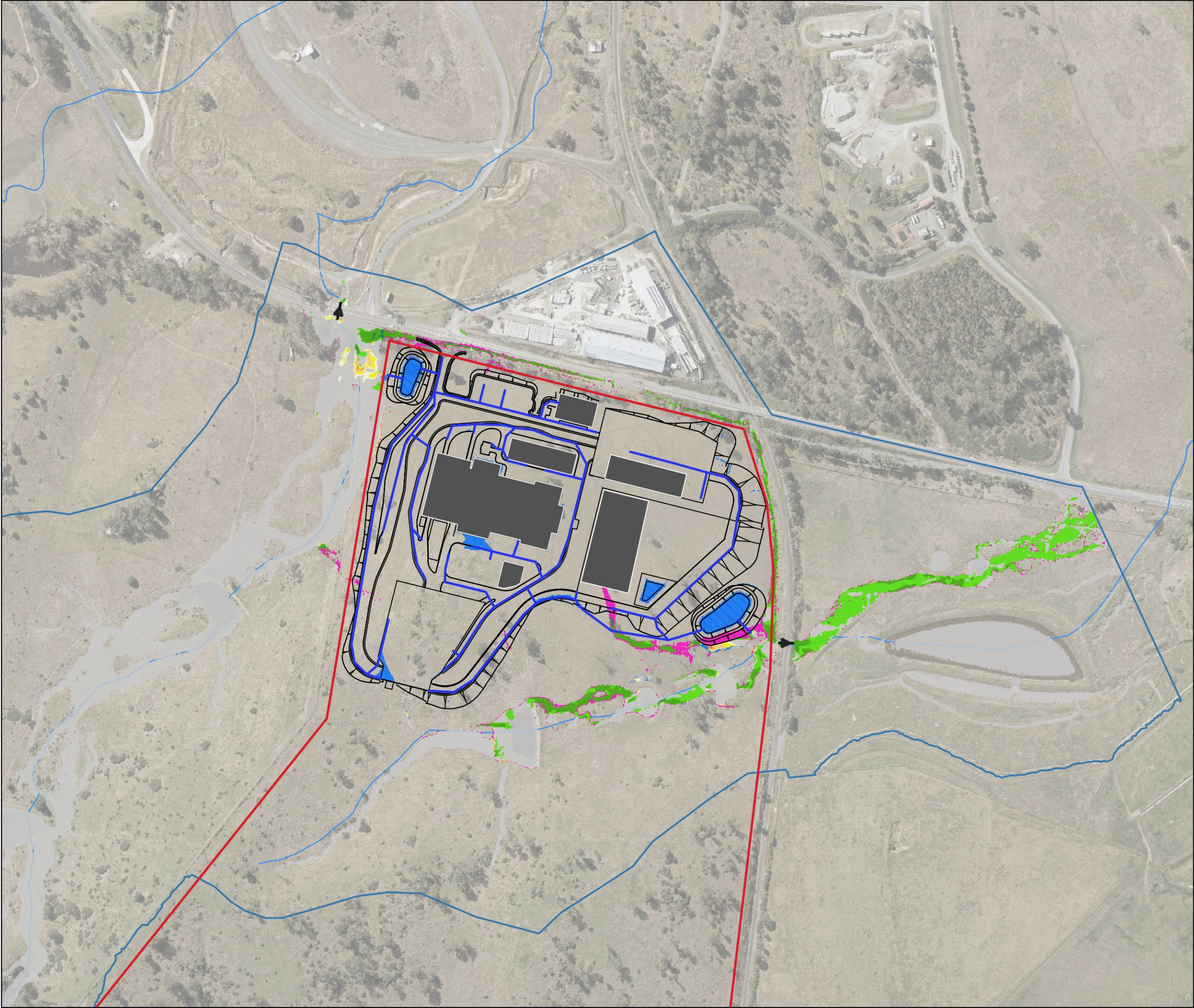
Design Case: 5% AEP Flood Velocity Afflux

Scale at A3 1:5000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
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Job No 293683-00	Drawing Status For Information
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Map No FIG41	Issue A
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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 Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

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 Velocity Afflux

Scale at A3
1:5000

Map Projection
GDA2020/MGA Zone 56
EPSG:7856

Job No
293683-00

Drawing Status
For Information

Map No
FIG42

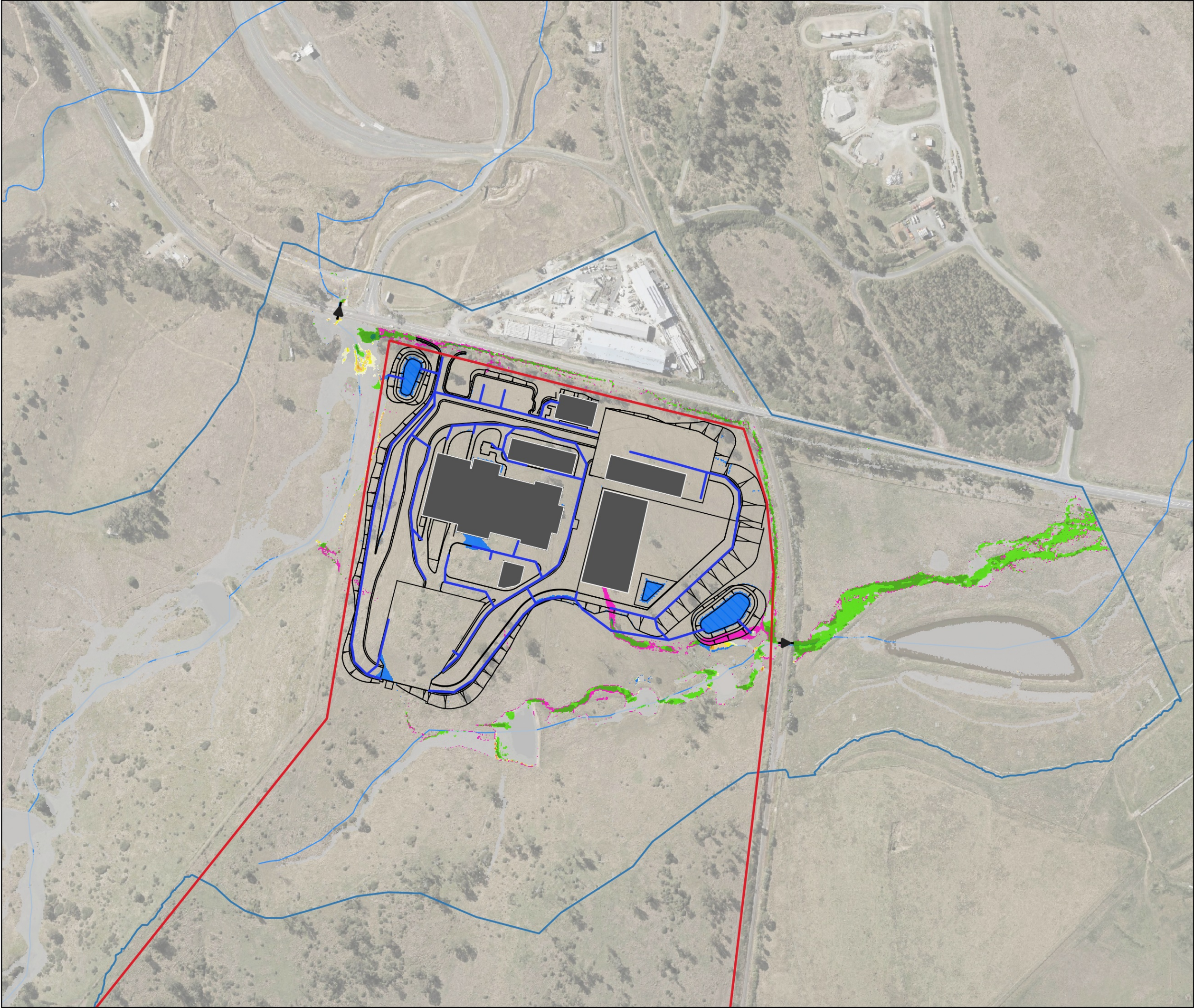
Issue
A

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Sources: QLD Globe Imagery, QLD Spatial

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Legend

Property Boundary

TUFLOW Model Extents

Existing Culverts

Proposed Drainage

Watercourses

Proposed Building

Proposed Basin

Proposed Layout

Peak Flood Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

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



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Client

CLEANAWAY

Making a sustainable future possible

Job Title

Cleanaway Bromelton EFW

Figure Title

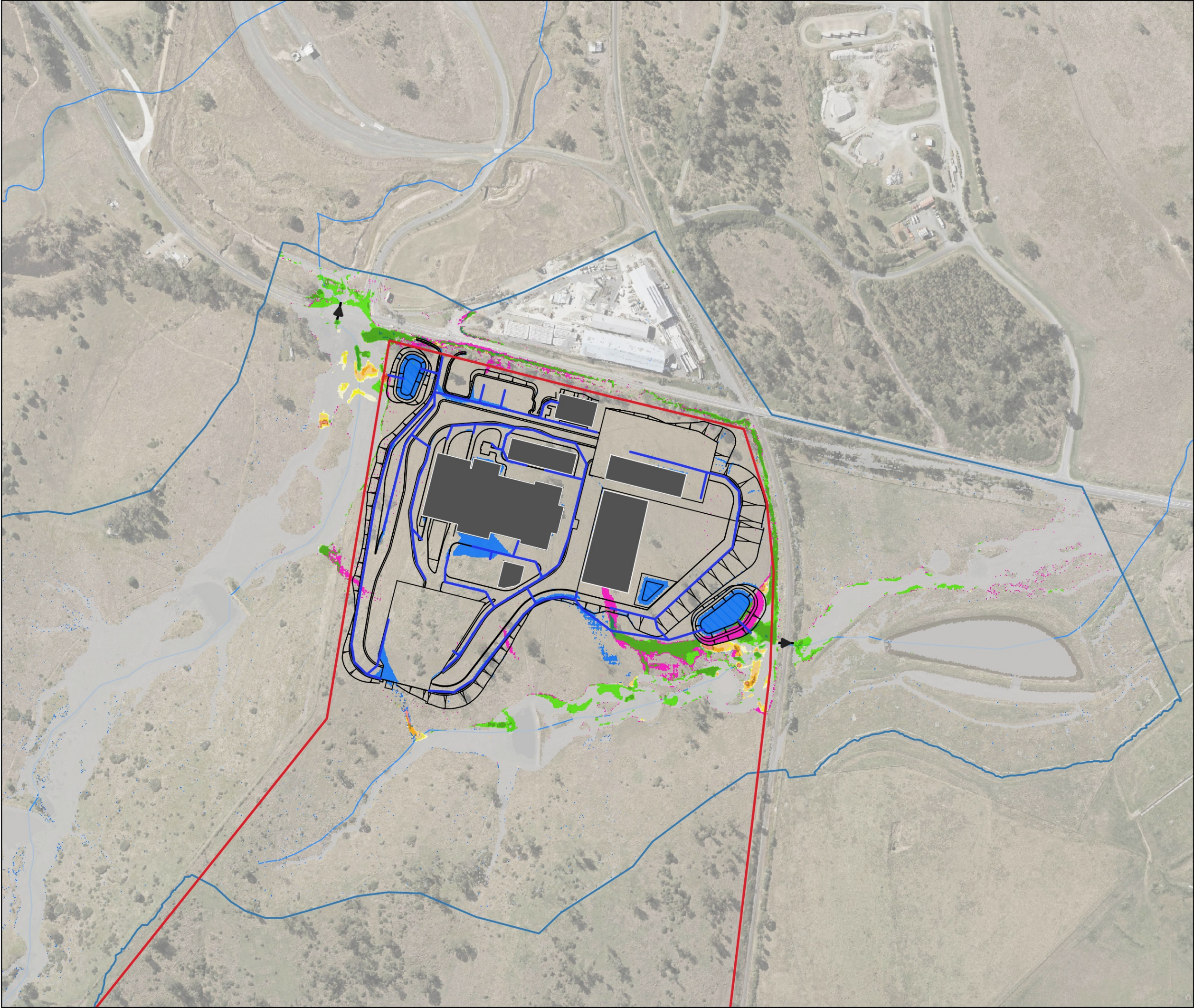
Design Case: 20% AEP Flood Velocity Afflux

Scale at A3 1:5000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
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Job No 293683-00	Drawing Status For Information
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Map No FIG43	Issue A
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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 Velocity Difference (m/s)

Was Wet, Now Dry

< - 0.5

-0.1 to -0.05

-0.05 to 0.05

0.05 to 0.075

0.075 to 0.1

0.1 to 0.15

0.15 to 0.2

0.2 to 0.25

0.25 to 0.5

0.5 to 1

1 to 1.5

1.5 to 2

> 2

Was Dry, Now Wet

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 + CC SSP2
Flood Velocity Afflux

Scale at A3 1:5000	Map Projection GDA2020/MGA Zone 56 EPSG:7856
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Job No 293683-00	Drawing Status For Information
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Map No FIG44	Issue A
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Appendix G – Logan River Regional Flood Map

This map is for general land use and disaster management planning purposes only

The extent of flooding shown on this map is applicable for the specified gauge height at the referenced gauge only. The extent of flooding has been estimated based on hydraulic models prepared for Scenic Rim Regional Council and documented in the report "Logan River Flood Study Update".

Refer to the "uncertainty comments" in the accompanying report entitled "Queensland Flood Mapping Phase 3b - Logan River Flood Mapping" by Aurecon, November 2014.

The flooding shown on this map represents the influence of the Logan River system only. The effects of local overland flows are not presented.

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Queensland Government



Australian Government
Attorney-General's Department

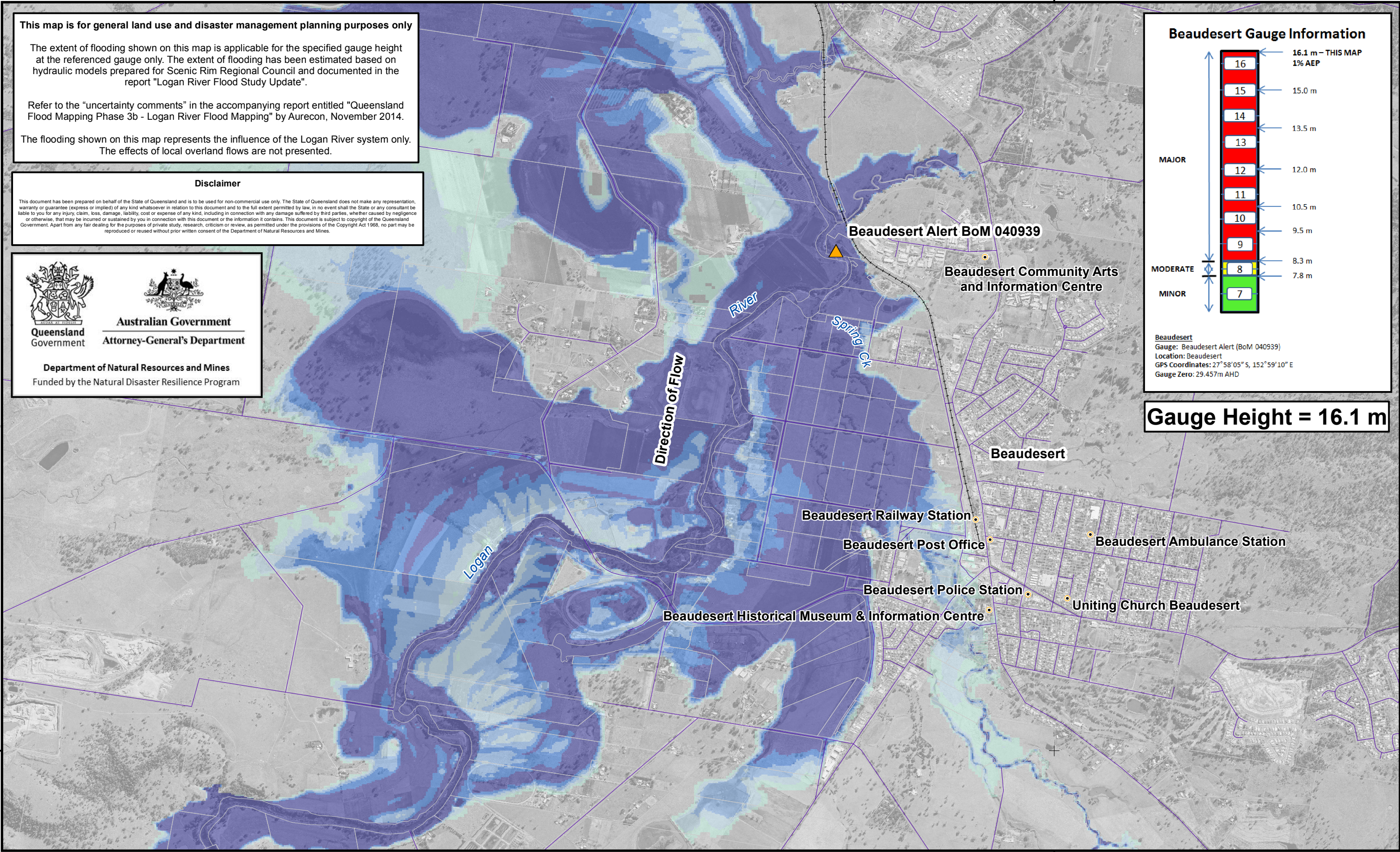
Department of Natural Resources and Mines
Funded by the Natural Disaster Resilience Program

Beaudesert Gauge Information

MAJOR	16	16.1 m – THIS MAP 1% AEP
	15	15.0 m
	14	13.5 m
	13	12.0 m
	12	10.5 m
	11	9.5 m
MODERATE	10	8.3 m
	9	7.8 m
MINOR	8	
	7	

Beaudesert
Gauge: Beaudesert Alert (BoM 040939)
Location: Beaudesert
GPS Coordinates: 27° 58' 05" S, 152° 59' 10" E
Gauge Zero: 29.457m AHD

Gauge Height = 16.1 m



aurecon

- Points of interest
- Roads
- Rail
- BoM gauging station
- NRM gauging station
- Cadastre

Flood Depth (m)			
0.0 - 0.5	0.5 - 1.0	1.0 - 1.5	1.5 - 2.0
> 2.0			

Local Authority: Scenic Rim Regional Council
Locality: Beaudesert
Datum: Australian Height Datum (AHD)
Projection: Geocentric Datum of Australia 1994 (GDA94)

Department of Natural Resources and Mines
13 QGOV (13 74 68)
www.dnrm.qld.gov.au



0 250 500 750 1000 1250
Metres

Scale at A3 - 1:25,000

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**Beaudesert
Gauge Height Mapping
Flood Depth Map
16.1m at BoM Gauge
Beaudesert Alert 040939
(i.e. 45.552 m AHD)**

BEA-15

13/01/2015