Legend

- 12_2 — Depths relative to CHART DATUM.
- Sea–bed contour relative to CHART DATUM.
- Mean High Water Springs
- Mean Low Water Springs
- Highspot

Survey Parameters & Equipment	
Survey Vessel:	Remote Sensor (MCA Cat III)
Positioning System:	Trimble Applanix POS MV
GPS Correction Source:	Trimble VRS NOW Network RTK
Echosounder:	R2Sonic 2022 Multibeam System 400kHz
Motion Compensator:	Trimble Applanix POS MV
Positioning System Spheroid & Datum:	ETRS89
Grid System:	National Grid of Great Britain
Geoid Model:	OSGM15
Transformation Paramaters:	OSTN15
Spheroid:	Airy
Semi Major Axis:	6377563.396
Flattening (1/f):	299.324964600
Vertical Datum (Topographic):	Ordnance Datum
Vertical Datum (Hydrographic):	Chart Datum
Distance Unit:	Metre

Chart Datum is 0.00m below Ordnance Datum.

Coloured Depth Bands:

- 0.00 - 0.49
- 0.50 - 0.99
- 1.00 - 1.49
- 1.50 - 1.99
- 2.00 - 2.49
- 2.50 - 2.99
- 3.00 - 3.49
- 3.50 - 3.99
- 4.00 - 4.49
- 4.50 - 4.99
- >= 5.00

Notes:

The Bathymetric survey limits are MHWS, data is relative to Chart Datum.

Heights in metres above Chart Datum (Perth)

MHWS	MHWN	MLWN	MLWS
3.4	2.0	0.4	0.3

CONTROL STATION COORDINATES

STN	EASTING	NORTHING	LEVEL

Aspect
Land + Hydrographic Surveys
CHARTERED SURVEYORS
Thornhouse Business Centre
Ballot Road
Irvine
KA12 OHW
Tel : 01294 313399 Fax : 01294 313389
E-mail: mail@aspectsurveys.com
Web: www.aspectsurveys.com

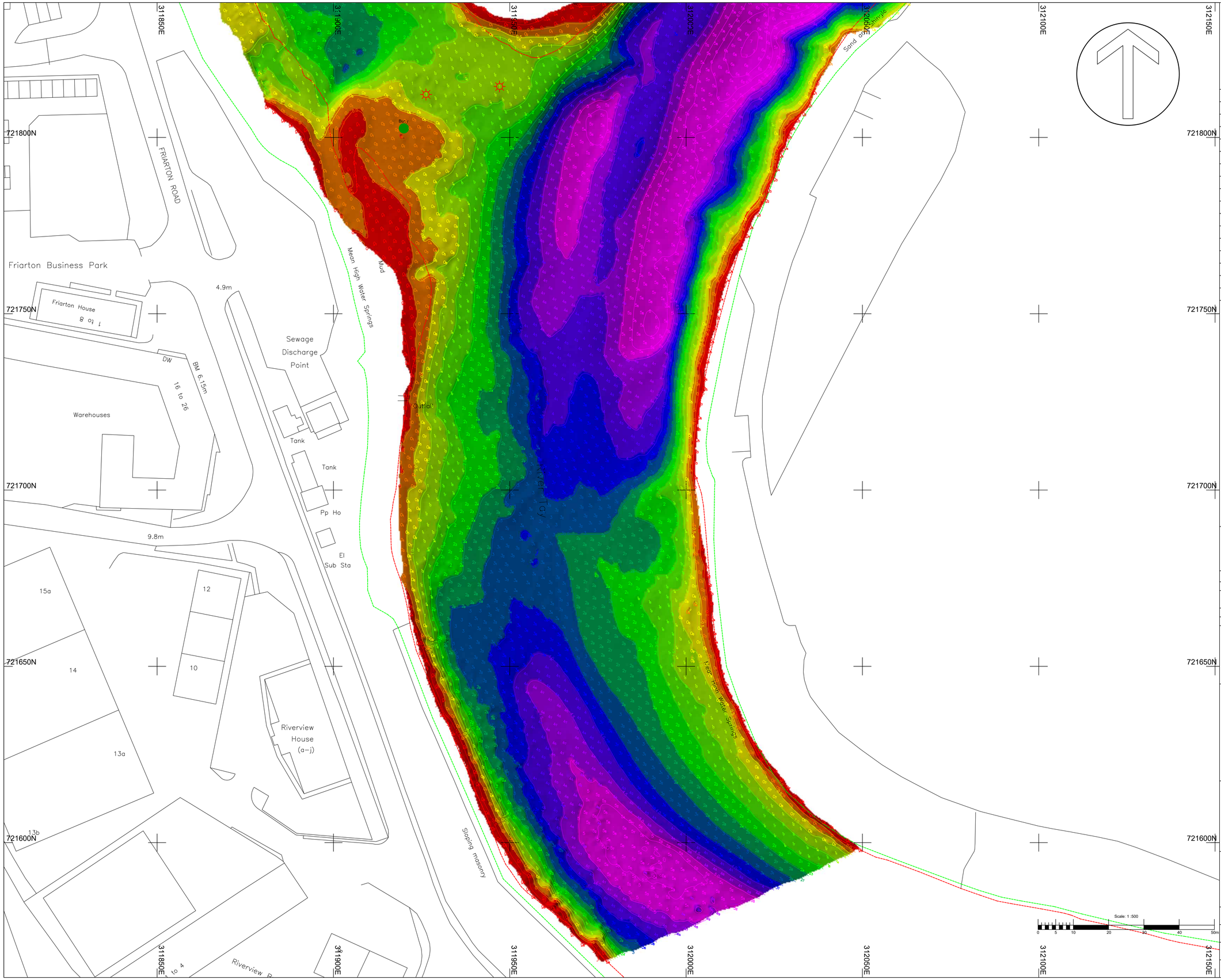
Client :

PERTH & KINROSS COUNCIL
PULLAR HOUSE
35 KINNOULL STREET
PERTH
PH1 5GD

Project Title :

MULTIBEAM BATHYMETRIC SURVEY
PERTH HARBOUR ENTRANCE
RIVER TAY
PERTH

Project No:	Scale :
A7968	1:500
Surveyed date : 10th December 2021	Issued date : 5th January 2022
Surveyed by : JH	Checked by: CKS
Sheet No. : 1 of 2	Plot Scale: 1:1 @ A1



Legend

12_2	Depths relative to CHART DATUM.
	Sea-bed contour relative to CHART DATUM.
	Mean High Water Springs
	Mean Low Water Springs
	Highspot

Survey Parameters & Equipment	
Survey Vessel:	Remote Sensor (MCA Cat III)
Positioning System:	Trimble Applanix POS MV
GPS Correction Source:	Trimble VRS NOW Network RTK
Echosounder:	R2Sonic 2022 Multibeam System 400kHz
Motion Compensator:	Trimble Applanix POS MV
Positioning System Spheroid & Datum:	ETRS89
Grid System:	National Grid of Great Britain
Geoid Model:	OSGM15
Transformation Paramaters:	OSTN15
Spheroid:	Airy
Semi Major Axis:	6377563.396
Flattening (1/f):	299.324964600
Vertical Datum (Topographic):	Ordnance Datum
Vertical Datum (Hydrographic):	Chart Datum
Distance Unit:	Metre

Chart Datum is 0.00m below Ordnance Datum.

Coloured Depth Bands:

0.00 - 0.49
0.50 - 0.99
1.00 - 1.49
1.50 - 1.99
2.00 - 2.49
2.50 - 2.99
3.00 - 3.49
3.50 - 3.99
4.00 - 4.49
4.50 - 4.99
>= 5.00

Notes:

The Bathymetric survey limits are MHWS, data is relative to Chart Datum.

Heights in metres above Chart Datum (Perth)

MHWS	MHWN	MLWN	MLWS
3.4	2.0	0.4	0.3

CONTROL STATION COORDINATES

STN	EASTING	NORTHING	LEVEL

Aspect
Land + Hydrographic Surveys
CHARTERED SURVEYORS
Thornhouse Business Centre
Ballot Road
Irvine
KA12 OHW
Tel : 01294 313399 Fax : 01294 313389
E-mail: mail@aspectsurveys.com
Web: www.aspectsurveys.com

Client :

PERTH & KINROSS COUNCIL
PULLAR HOUSE
35 KINNOULL STREET
PERTH
PH1 5GD

Project Title :

MULTIBEAM BATHYMETRIC SURVEY
PERTH HARBOUR ENTRANCE
RIVER TAY
PERTH

Project No: A7968	Scale : 1:500
Surveyed date : 10th December 2021	Issued date : 5th January 2022
Surveyed by : JH	Checked by: CKS
Sheet No. : 2 of 2	Plot Scale: 1:1 @ A1