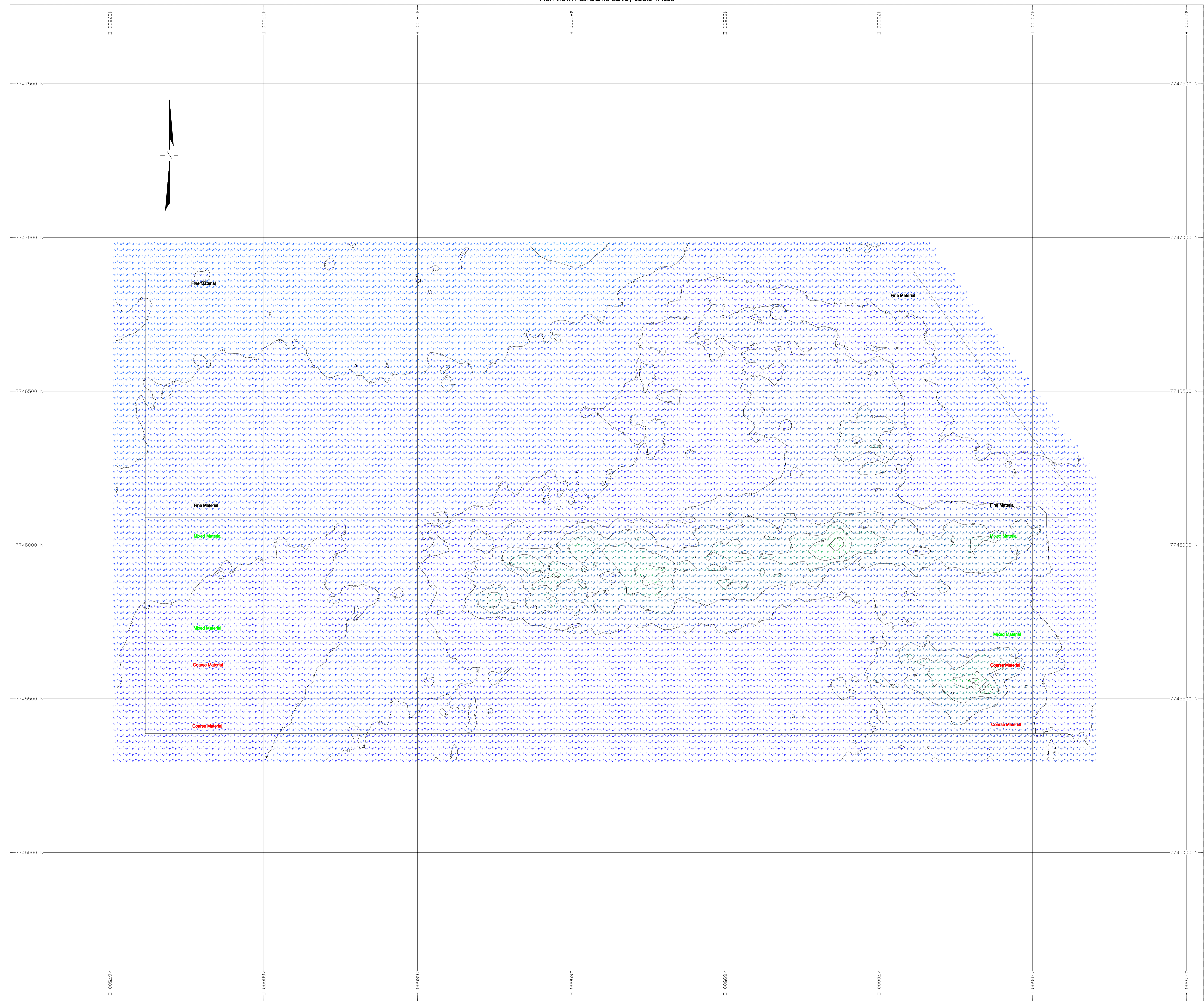


Figure 3. Best Environmental Practice Compliance

Description:

Bathymetric survey of Spoil Ground 2B at the completion of Phase 2 trunkline dredging works, 8
9 May 2009. Blue areas indicate 30 meters water depth, while green areas indicate shallower regions
of 27 meters water depth.



GEODETTIC INFORMATION
 All co-ordinates in metres.
 Datum : GDA94
 Spheroid : GR80
 Semi-major axis (a) : 6,378,137.0 m
 Inverse flattening (1/f) : 298.257222101
 Projection : Universal Transverse Mercator (UTM)
 Zone : 50 South
 Central Meridian : 117° East
 Scale factor on CM : 0.9996
 False Easting : 500,000 m
 False Northing : 10,000,000 m

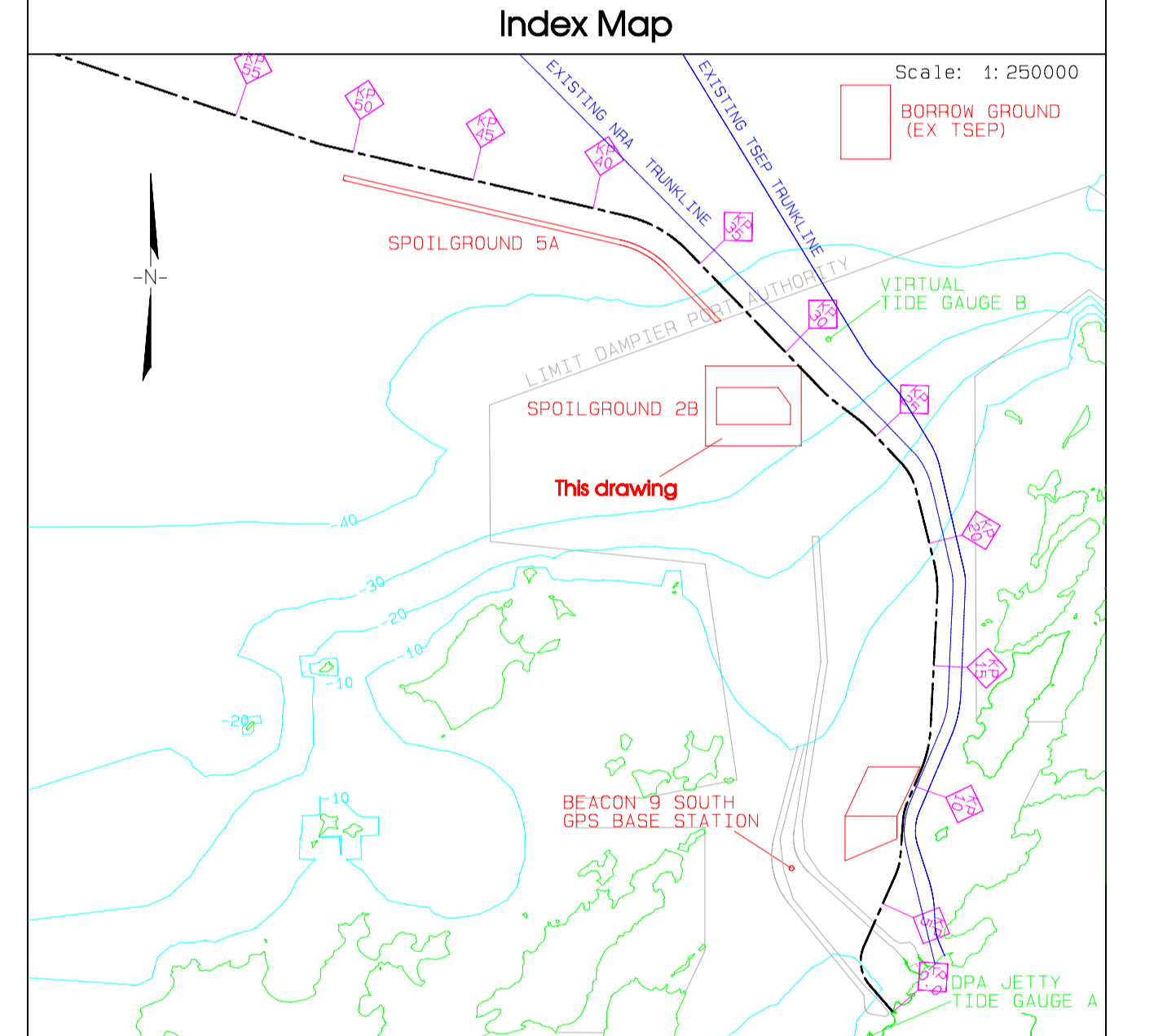
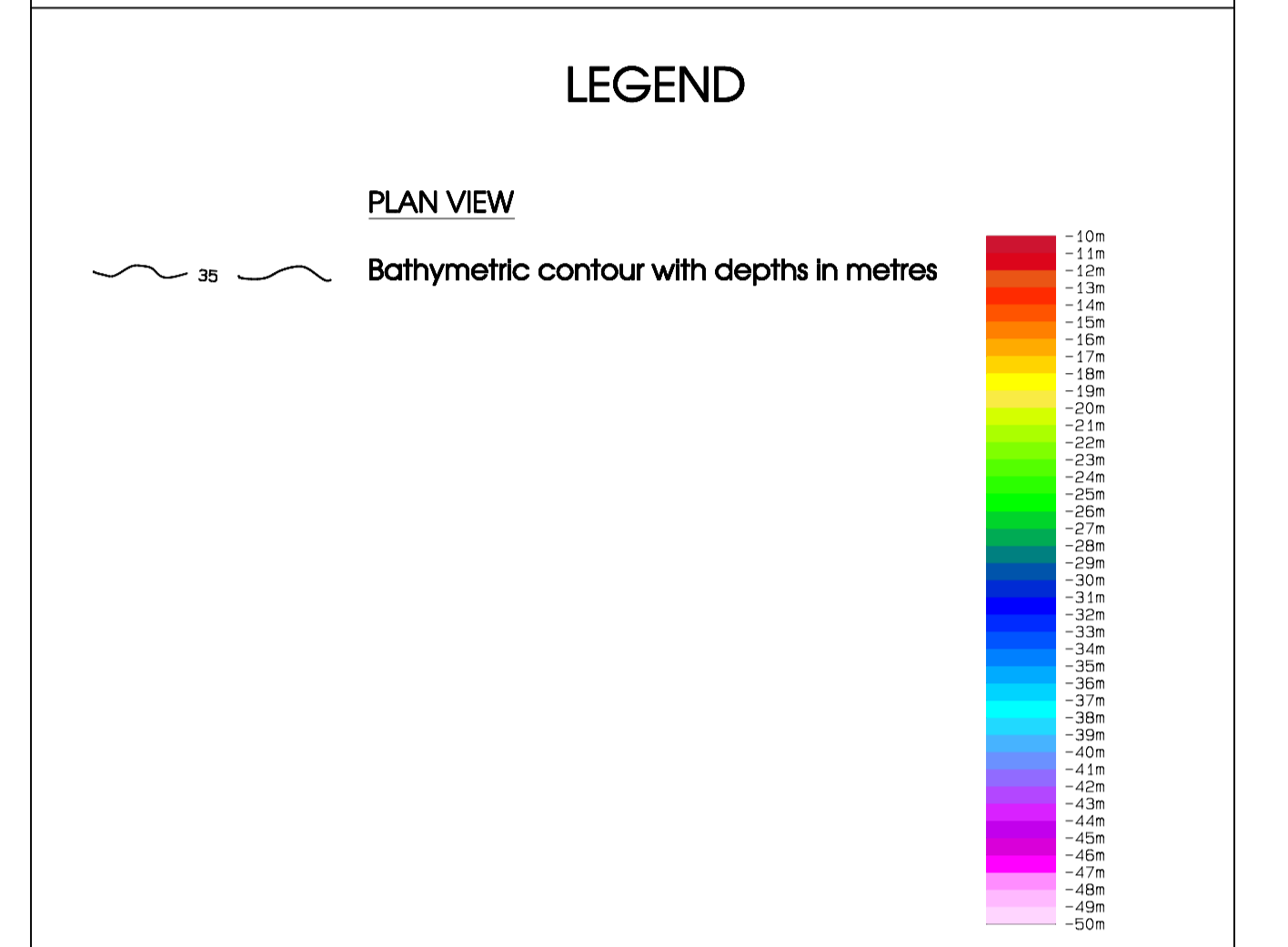
DATUM SHIFT PARAMETERS (WGS84 to GDA94, Bursa-Wolf Convention, Epoch 2009.5)
 Translation X : 0.0284 metres
 Translation Y : -0.0029 metres
 Translation Z : -0.1209 metres
 Rotation X : 0.01859°
 Rotation Y : 0.01574°
 Rotation Z : 0.01902°
 Scale Factor (ppm) : 0.002824

BATHYMETRY : All depths in metres reduced to Lowest Astronomical Tide (LAT)

DUMP GROUND LOCATIONS : Dump ground locations according to Woodside drawing (ref XB07000N0013.001_rev3.dwg)

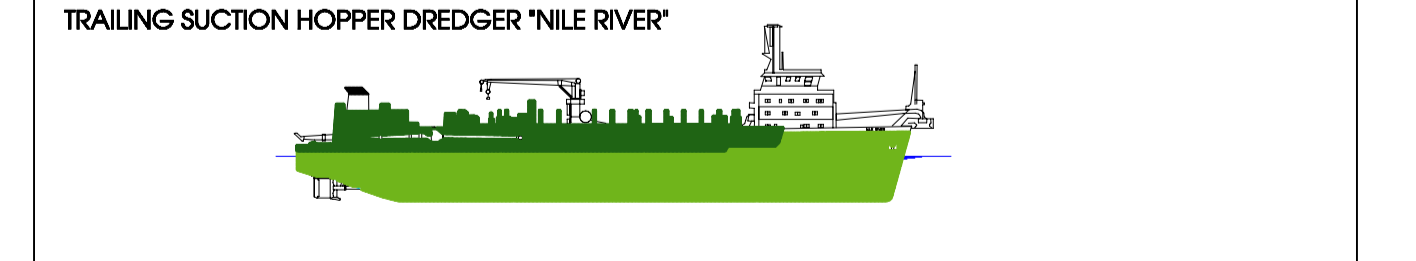
HARDWARE SURVEY EQUIPMENT
 Positioning : Aquarius 02 LK / CNAV C2050M Sat. Diff.
 Multibeam echosounder : Reson Seabat 8125
 Gyro / Motion Sensor : ISEA Octans IV
 Sound Velocity Probe : Odom SVP151
 Mini Sound Velocity Probe : Valeport Mini SVP
 Tide gauge : MGB Tech MTU821-WTR / DRO

DTM PARAMETERS
 Plan View - Data Plotted and Contoured at 20m Grid



COMPANY
 WOODSIDE Bump Pty Ltd
 240 St Georges Terrace
 Perth, Western Australia 6000

CONTRACTOR
 TIDEWAY BV
 Ministerium 7442, P.O. Box 7074
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PROJECT
 Pluto LNG Project
 Offshore Dredging and Backfill

TITLE
 Post Dump Survey
 Spillground 2B

Woodside Doc. No. :-	Sheet 2 of 3						
Tideway DWG No. : 4260_DWG_013	Format : A0						
Pre-Survey : 02 Mar / 03 Mar / 06 Mar / 08 Mar 09	Post-Survey : 07 May / 08 May 09						
0 14 May 09 Issued for approval	SPG SVG HOR						
REV No.	DATE	DESCRIPTION	PREP	CHK	APP	CONTRACTOR	COMPANY

Figure 4. Best Environmental Practice Compliance

Description:

Operational equipment onboard TSDS 'Queen of the Netherlands' during operation in the turning basin.



Figure 5. Best Environmental Practice Compliance

Description:

Operational equipment onboard the TSDS 'Nile River' during operations along the trunkline.

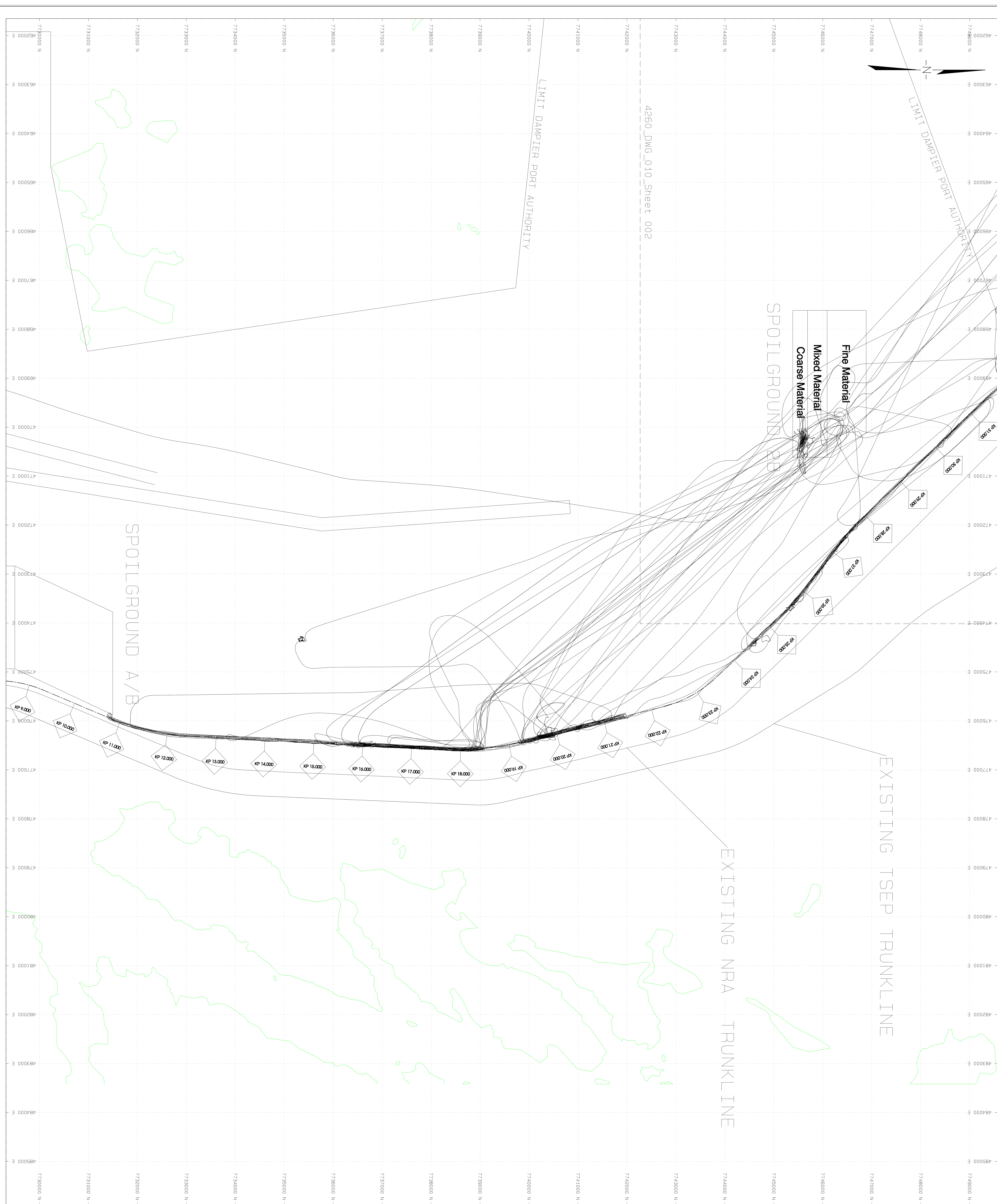


Figure 6. Best Environmental Practice Compliance

Description:

Weekly track plot for the TSHD 'Nile River' from 20 April – 5 May 2009. The areas of concentrated activity along the Pluto LNG Project trunkline between KP11 – KP31 represent the locations where dredging was occurring (i.e. repeated passes over a location). The Nile River dumped material at Spoil Ground 2B over this period. The track lines on this figure are plotted using DGPS (Differential Global Positioning System) data extracted directly from the ship's log, which records continuously, therefore transit routes are also plotted.

Plan View: Trackpoint Nile River Scale 1:25,000

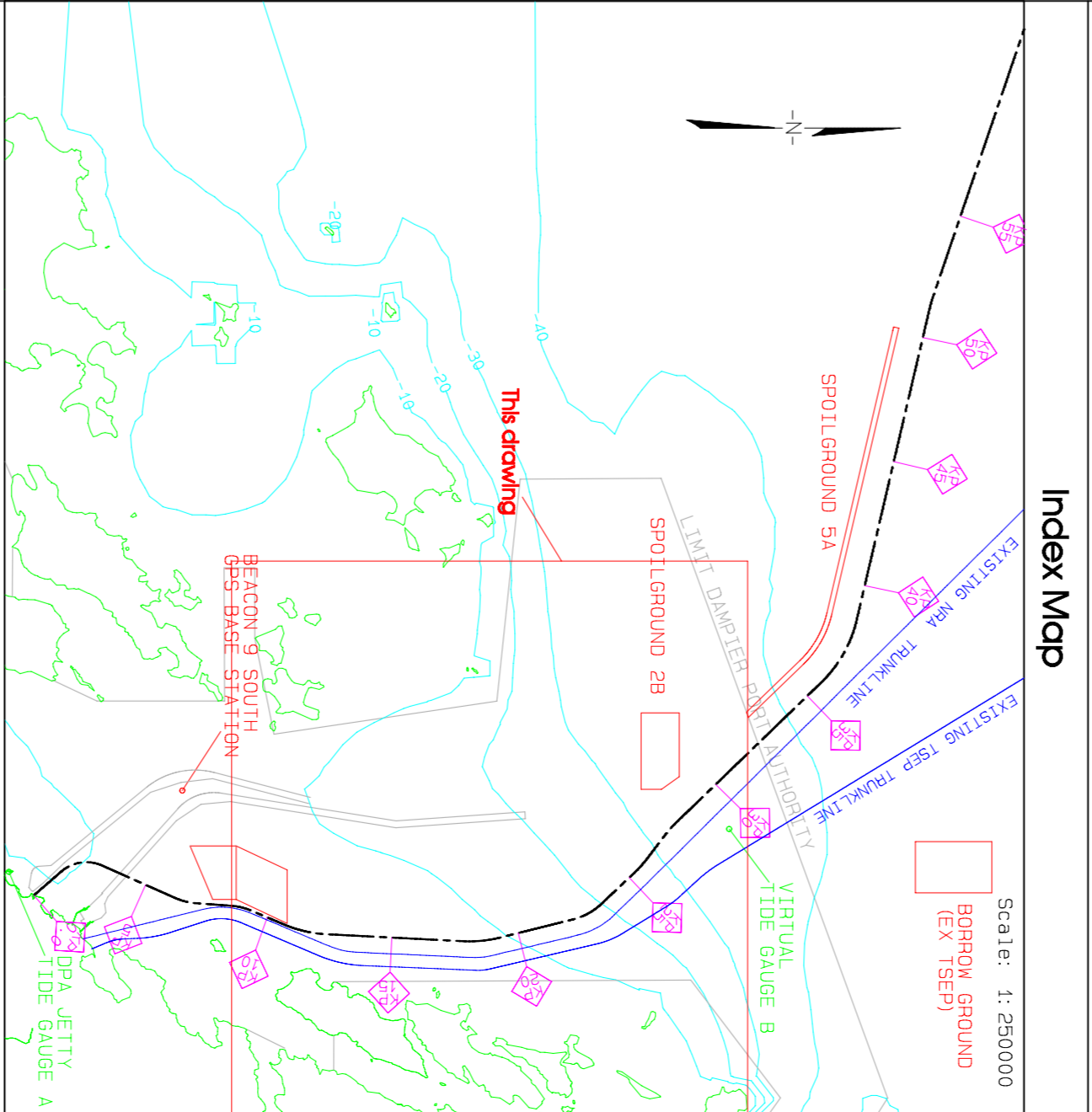


GEOGRAPHIC INFORMATION
 Datum : GDA94
 Projection : UTM
 Spheroid : Everest
 Spheroid semi-axis (m) : 6378137
 Spheroid flattening (1/n) : 298.257222101
 Prime Meridian (Longitude) : 117 East
 Central Meridian (Longitude) : 117 East
 Scale factor on GCM : 0.9996
 False Easting (m) : 1000000.0
 False Northing (m) : 1000000.0
 DATUM SHIFT PARAMETERS (WGS84 to GDA94, Bursa-Wolf Convention Epoch 2009.0)
 Translation X : 0.0284 metres
 Translation Y : -0.0297 metres
 Translation Z : 0.01697 metres
 Rotation X : 0.0157 arc seconds
 Rotation Y : 0.0157 arc seconds
 Rotation Z : 0.02824 arc seconds
 Scale factor (ppm) : 0.00000

DUMP GROUND LOCATIONS : Dump ground locations according to Woodside's Geomatics (see Appendix A, Table 1, 10/01/09) (10/01/09) (10/01/09)

LEGEND

- PLAN VIEW
- As Designed Route with IP condition
- Trackpoint 10K Antenna Nile River



Plan View Scale 1 : 25,000

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 Woodside Energy Pty Ltd
 240 St Georges Terrace
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 Tideway Pty
 40/37 St Georges Terrace
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 Tel: +61 8 9438 5140

TRAINING SECTION/OPERATOR DESIGNER: NILE RIVER

PROJECT
 Pluto LNG Project
 Offshore Dredging and Backfill

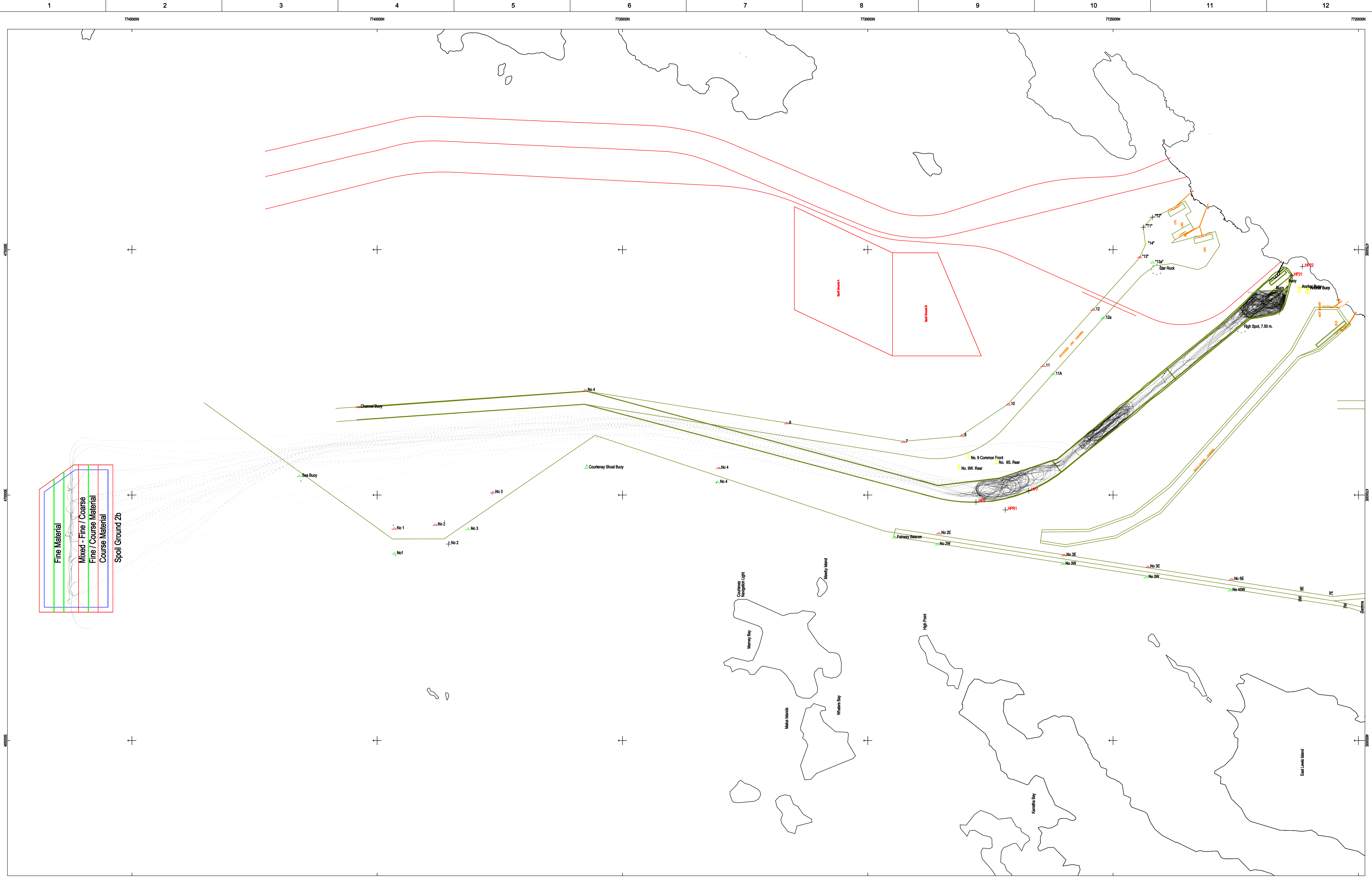
TITLE
 Trackpoint Nile River
 20/04/2009 - 05/05/2009

Woodside Doc. No. : N/A		Revision No. : 01	
Tideway DWG No. : 4260_DWG_010		Revision No. : N/A	
File Name : N/A		Format : A0	
0	Issue/01	Issue for Information	PREP, WFL, HPS
REV	DATE	DESCRIPTION	PREP, CHK, APP
NO			CONTRACTOR
			COMPANY

Figure 7. Best Environmental Practice Compliance

Description:

Weekly track plot for the TSHD 'Queen of the Netherlands' from Week 46, 2009. The Areas of concentrated activity within the turning basin represent the locations where dredging was occurring (i.e. repeated passes over a location). Material was dumped at Spoil Ground 2B over this period. The track lines on this figure are plotted using DGPS (Differential Global Positioning System) data extracted directly from the ships log, which records continuously, therefore transit routes are also plotted.





 Boskalis Australia Pty. Ltd.
 P.O. Box 341
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 FAX: (02) 9406 0424

Notes:
 Mapping Grid GDA94 (GRS80), Zone 50

 Depth Datum ACDD - relationship to AHD at PWD BM A958 (located near tide gauge @ KBSB)
 ACDD = RL 7.477m AHD = RL 4.709m

TITLE: Sailing Track TSHD "Queen of the Netherlands"
AREA: Working Area Pluto Project
TYPE OF SURVEY: Sailing Tracks, week 46 2009

REV.	BY	DATE	DESCRIPTION	CKD.	APP.
01	RZEY	15-11-2009	Progress WEEK 46		

 woodside
 A.B.N. 63005 482 986
 Woodside Plaza
 240 St Georges Terrace
 Perth WA 6000

WOODSIDE BURRUP Pty Ltd
PLUTO LNG Project Phase II
DRAWING No: BKA-036-10030-352-PRO
1 of 1
 SCALE: 1: 35000
 DRAWN: RZEY DATE: 15-11-2009
 CHK'D: DATE:
 APP'D: DATE:
 APP'D: DATE:
 REVISION 01

Figure 8. Best Environmental Practice Compliance

Description:

Overflowing through the green valve fitted in the hopper of the TSHD 'Nile River'.



Figure 9. Best Environmental Practice Compliance

Description:

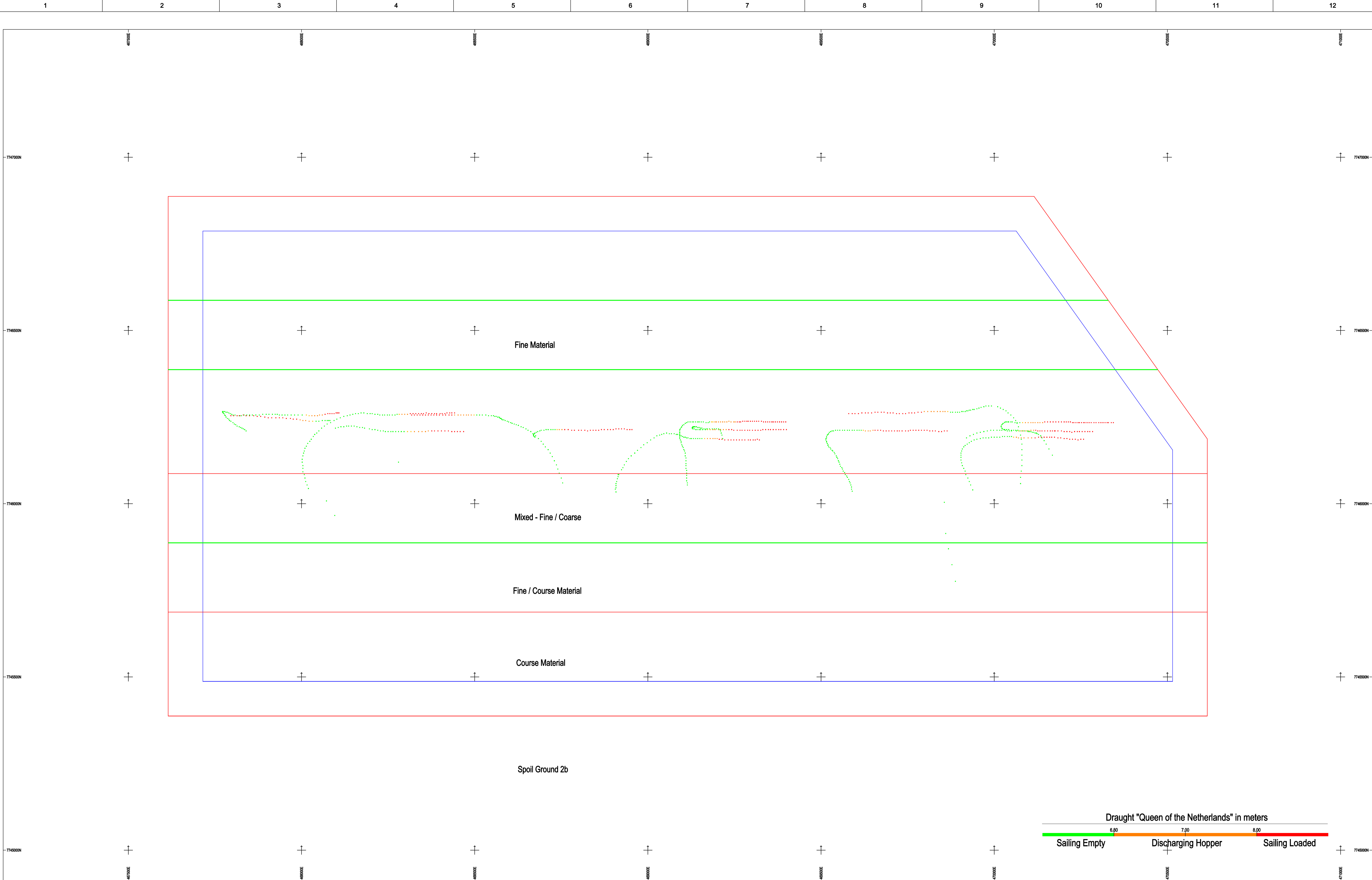
No overflow dredging the TSHD 'Nile River'.



Figure 11. Best Environmental Practice Compliance

Description:

Weekly dump plot showing the location of individual dump passes on Spoil Ground 2B by the Queen of the Netherlands. Individual loads are dumped within the spoil ground boundary and into separate sections dependent on the nature of the material dredged.

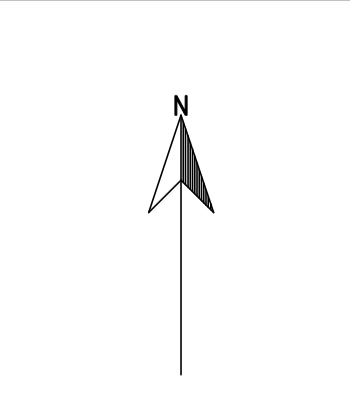




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Notes:
 Mapping Grid GDA94 (GRS80), Zone 50
 Depth Datum ACDD - relationship to AHD at PWD BM A958 (located near tide gauge @ KBSB)
 ACDD = RL 7.477m AHD = RL 4.709m

TITLE: Dump Track TSHD "Queen of the Netherlands"
AREA: Spoil Ground 2b
TYPE OF SURVEY: Dumping Track, week 46 2009

REV.	BY	DATE	DESCRIPTION	CKD.	APP.
01	RZEY	15-11-2009	Progress WEEK 46		




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WOODSIDE BURRUP Pty Ltd
PLUTO LNG Project Phase II
DRAWING No: BKA-036-10090-351-PRO
1 of 1
 SCALE: 1: 5000
 DRAWN: RZEY DATE: 15-11-2009
 CHK'D: DATE:
 APP'D: DATE:
 APP'D: DATE:
 REVISION 01