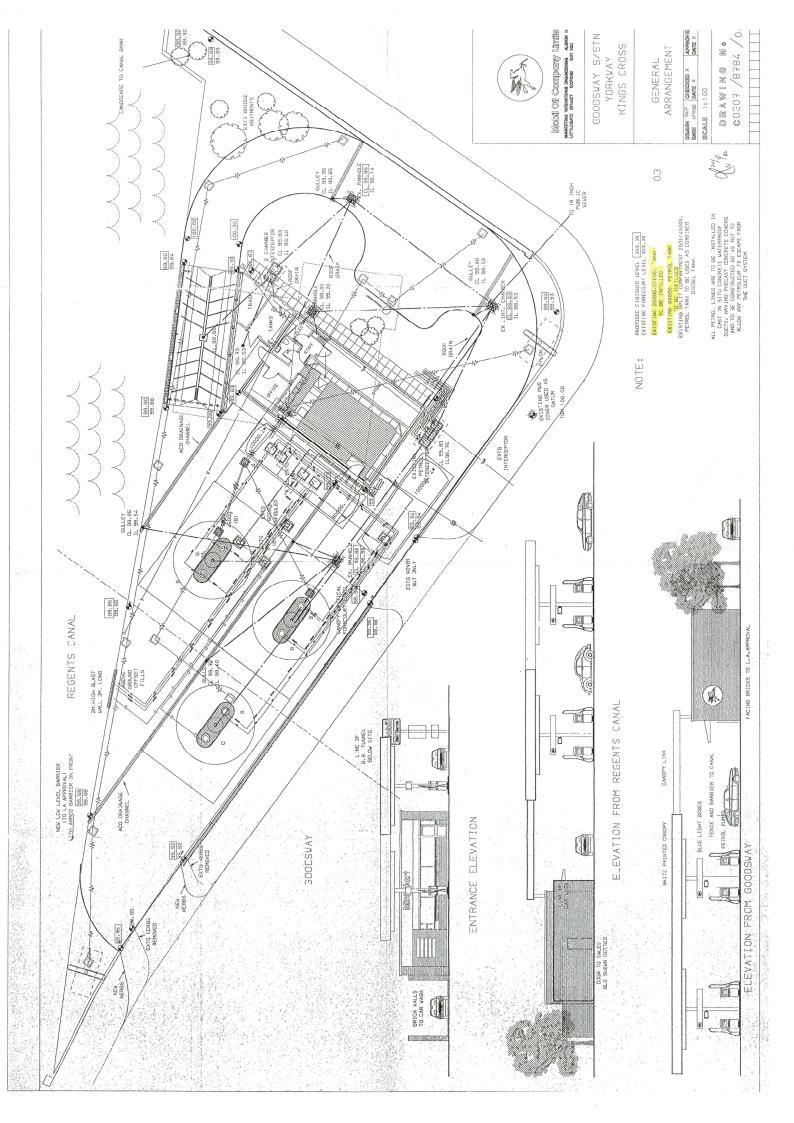
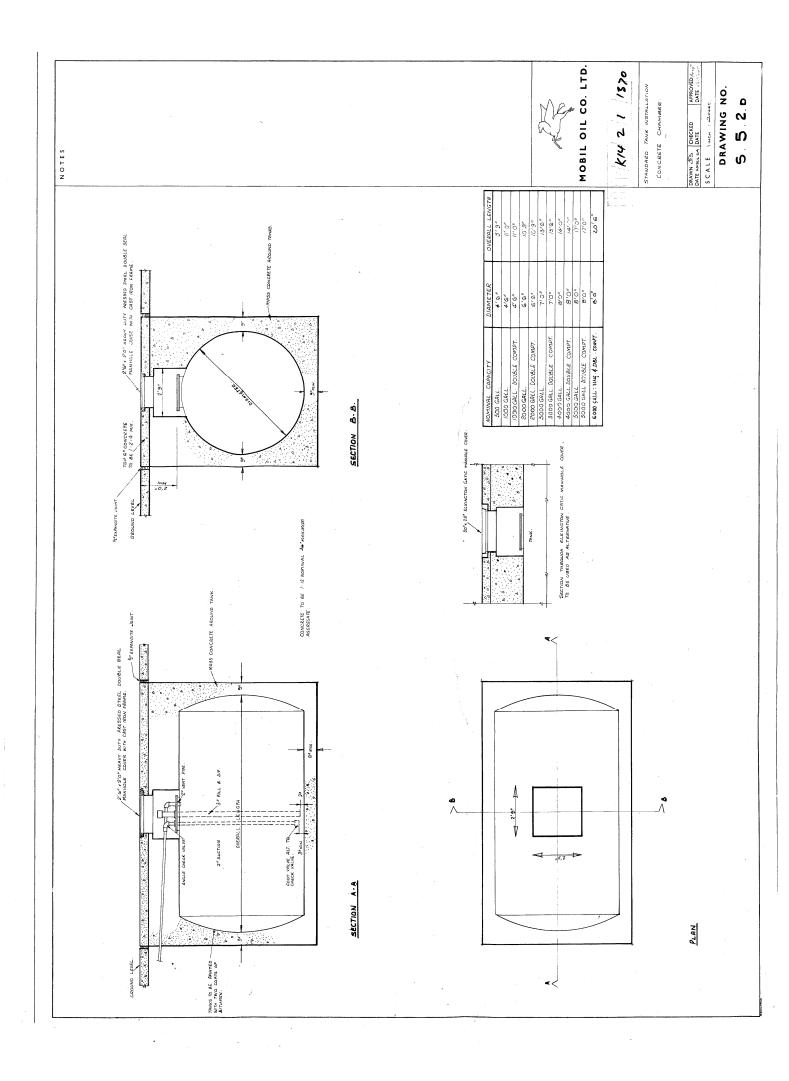


PRELIMINARY PROPOSAL for BP approval





D.2 2011 Certificate of tank decommissioning

Certificate of Tank Decommissioning

Certificate No: 2011-2087

Site and address:

BP GOODS WAY SERVICE STATION GOODS WAY KINGS CROSS LONDON NW1 1UR

Date 15th August 2011

Decommiss oning Method: BritFoam™ Resin based hardfoam

Customer:

Broham Forecourt Developments Limited The Courtyard, Wyldingtree Farm, Weald Bridge Road, North Weald, Near Epping, Essex. CM16 6AS Neil Roberts, LFEPA, Petroleum Group - Fire Safety Regulation 2nd Floor, 169 Union Street, London, SE1 0LL

_	Tank	Capacity	Capacity Suction	Offsets	Vents	Vents Manhole	Property
	Number	Litres	Lines				רו טממנו
	1	18393	oN	Yes	Yes	Yes 2	Yes 2 Diesel
. 4	2	47700	No	No	Yes	Yes	Petrol
(,,	3	36900	No	Yes	Yes	Yes 2	Yes 2 Diesel
1	4	29500	No	No	Yes	Yes	Petrol
	2						
_	9						
' '	7						

We certify that the above below-ground tanks, associated pipe work and manhole chambers have been decommissioned in line with the guidance set out in APEA/IP's Design, Construction, Modification, Maintenance and Decommissioning of Filling Stations, 3RD Edition, Revised June 2011(the "Blue Book") and have been filled with __ritFoam™ a hydrophobic resin-based hard foam, 157cm dispensed.

Operatives:

Kevin Lees

Signature:

For and on behalf of Lees Industrial Services Limited
322 Haydock Lane
Haydock, St Helens
Merseyside, WA11 9UY
T 01508 471600/F 01508 471602
Website: www.leesindustrialservices.co.uk

Appendix E

Bam Ritchie 2015 Ground investigation records



Borehole Log

Status: DRAFT

WS4

Sheet 1 of 1

Project: Filling Station, Kings Cross

Ground Level: - Coordinates:

Project No: 5679

	-						1= -	
Description	Legend	Depth	O.D.		Sample / Test		Casing (Water	9
Doodilpaon	Logona	(m)	Level (m)	Type	Depth (m)	Test Re	sults Depth	Installations
CONCRETE with rebar		<u> </u>	(111)		(111)		(111)	-3//
MADE GROUND soft to firm dark brown slightly sandy very gravelly CLAY with medium cobble content. Gravel is medium and coarse angular and subangular brick and concrete. Cobbles are angular concrete. Sand is fine to coarse. MADE GROUND soft dark brown slightly gravelly		0.30						
CLAY. Gravel is black angular flint. Hydrocarbon odour.								
Borehole Complete at 2.80 m				PIDES	2.80 2.80	0.30ррм		
		I .	I	<u> </u>	Water Leve	l Observations	1	1 1
Hole Diameter Detail Chiselling / Slow Progress Diameter Depth Casing From To Time (mm) (m) Depth (m) (m) (m) (hours)	Date	•	Water Strik	ke (m) S	Standing Time (mins)	e Standing Level (m)	Casing Depth (m)	Depth Sealed (m)
, , , , , , , , , , , , , , , , , , , ,						,	/	. , _
Client: Carillion					Progress	<u> </u>		
Consultant: ARUP	Date	9	Hole De	pth (Casing Depth	n Water Depth	Remarks	
Dates Drilled: 17/02/2015								
Plant: Terrier								
SPT Hammer: N/A								
Date Printed: 19/02/2015	Remarks:	First 1.2r	mbgl dug b	y 5 ton e	xcavator.			
Drilled By: GT								
Logged By: JC Checked By: DB								
Chooked by.								



Borehole Log

Status: DRAFT

WS5

Sheet 1 of 1

Project: Filling Station, Kings Cross

Project No: 5679

Ground Level: - Coordinates:

Description Legend Description Legend Condition (m) Cond	110011103	Project	NO: 50	0/9						
CONCRETE with rebar. MADE GROUND. Set to firm dark brown slightly sometime. Care is in a to course a reputal brick and concrete fragments. Soleble are concre	Description	Legend	Deptl	h O.D.			nple / Test		Casing (Water)	L4-II C
MADE GROUND Soft to firm dark brown slightly sandy very gravelly CLAY with high cobble content. Gravel is fine to coarse angular brick and concrete fragments. Cobbles are concrete fragments. Soft is fine to coarse angular brick and concrete fragments. Soft is fine to coarse angular brick and concrete fragments. Soft is fine to coarse and concrete fragments. Soft is fine to coarse soft is fine to coarse and concrete fragments. Soft is fine to coarse. Firm dark brown CLAY, (LONDON CLAY FORMATION) Borshole Compilete at 3.00 m Water Level Observations Water Level Observations Water Level Observations Water Level Observations Water Strike (m) Standing Times Standing Casing Depth (mins) Level (m) Depth (m) Sealed (mins) Consultant: Arup Date Hide Depth Casing Depth Water Depth Remarks First 1.2mbgl excess/reted by 5 ion machine.		333	(m)	Level (m)	Туре	Depth (m)	Test Re	sults	Depth (m)	Installations
MADE GROUND Soft to firm dark brown slightly sandy CLAV with high cobbie and concrete fragments. Sorbibes are concrete fragments. Sand is fire to coarse. Soft motified black and dark brown slightly gravely CLAV with very strong dissel hydrocarbon odour. Firm dark brown CLAV (LONDON CLAV FORMATION) Borehole Complete at 3.00 m Water Level Observations Date More Shike (m) Standing Time (min) Date More Depth (m) Date	CONCRETE with rebar.		-	<u> </u>		,			····/	- 30000
Soft motified black and dark brown slightly gravely CLAY with very strong diesel hydrocarbon odour. Firm dark brown CLAY. (LONDON CLAY FORMATION) Borehole Complete at 3.00 m 1	sandy very gravelly CLAY with high cobble content. Gravel is fine to coarse angular brick and concrete fragments. Cobbles are									
Firm dark brown CLAY (LONDON CLAY FORMATION) Borehole Complete at 3.00 m Superior	gravelly CLAY with very strong diesel									
Date Date Depth	Firm dark brown CLAY. (LONDON CLAY FORMATION)				PID ES	2.50 2.50	30.60ppm			- - - - -
Hole Diameter Detail Chiselling / Slow Progress Diameter Depth (mm) Casing Depth (m) Casing	L i		3.00							
Diameter (mm) Depth (m) Casing Depth (m) From (m) To (hours) Date Client: Carillion Consultant: ARUP Dates Drilled: 17/02/2015 Plant: Terrier SPT Hammer: N/A Date Printed: 19/02/2015 Drilled By: GT Logged By: JC	Hole Diameter Detail Chiselling / Slow Progress							Oction		
Client: Carillion Consultant: ARUP Dates Drilled: 17/02/2015 Plant: Terrier SPT Hammer: N/A Date Printed: 19/02/2015 Drilled By: GT Logged By: JC		Date	•	Water Strik	ke (m)		_	_		Depth Sealed (m)
Consultant: ARUP Dates Drilled: 17/02/2015 Plant: Terrier SPT Hammer: N/A Date Printed: 19/02/2015 Drilled By: GT Logged By: JC						Progress		Deput (III)		Codiod (III)
Dates Drilled: 17/02/2015 Plant: Terrier SPT Hammer: N/A Date Printed: 19/02/2015 Drilled By: GT Logged By: JC Remarks: First 1.2mbgl excavated by 5 ton machine.		Date	Э	Hole De	pth	Casing Depth	Water Depth	Remarks		
Plant: Terrier SPT Hammer: N/A Date Printed: 19/02/2015 Drilled By: GT Logged By: JC Remarks: First 1.2mbgl excavated by 5 ton machine.										
Date Printed: 19/02/2015 Remarks: First 1.2mbgl excavated by 5 ton machine. Drilled By: GT Logged By: JC										
Drilled By: GT Logged By: JC										
Logged By: JC		Remarks:	First 1.2	mbgl excav	ated by	5 ton machine	e.			
Cileureu dy. DB										
	Oneckeu by. DB									



19/02/2015

GT

JC DB

Date Printed: Drilled By:

Logged By:

Checked By:

Borehole Log

Status: DRAFT

WS6

Sheet 1 of 1

Project: Filling Station, Kings Cross

Ground Level: -

Coordinates: Project No: 5679 Casing Sample / Test Depth O.D. Legend Depth (m) Installations Description Level (m) Туре Depth **Test Results** (m) (m) CONCRETE with rebar 0.30 MADE GROUND Soft dark brown slightly sandy very gravelly CLAY with medium cobble content. Gravel is angular brick and concrete. Cobbles are concrete and brick. Sand is fine to coarse. 2 70 PID ES 2.80 2.80 0.10ppm Firm orangish brown CLAY. (LONDON CLAY FORMATION) 3.00 Borehole Complete at 3.00 m Water Level Observations Chiselling / Slow Progress **Hole Diameter Detail** Standing Time (mins) Water Strike (m) Standing Casing Depth Date Diameter (mm) Casing Depth (m) Depth (m) Level (m) Depth (m) Sealed (m) 17/02/15 17/02/15 1.60 1.60 0 20 Progress Client: Carillion Date Hole Depth Casing Depth Water Depth Remarks Consultant: ARUP 17/02/2015 Dates Drilled: Plant: Terrier N/A SPT Hammer:

Remarks: First 1.2mbgl excavated by 5 ton machine.