ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 28/1/08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Conor Carton	Conor Carton	Site work	8 00	1730
Mantyne Energy	Mantyne Energy	Mantyne Energy	Driver	8 00	1730
MSI	P. Gibbons	P. Gibbons	Site works	8:00	1730
MSI	[illegible]	[illegible]	Site Works	8:00	1700
MSI	LESLIE HEFFERNAN	[illegible]	LIFT DOWN STEEL	8-00	1730
UIS	Ryan Raftery	[illegible]	Site Work	9:10	12:30
MSI	[illegible]	[illegible]	site work	10:40	1700
EP.	K. O'Brien	[illegible]	Tanktell Visit	13:30	16:00

ESSO
DAILY SITE SAFETY RECORD

Date: 28-1-08

Tool Box Talk Held By: Steve Hickey

Topics Covered:

TBT work at height (2) Tool Box '
START WORK Discussion
(1) Site Supervisor daily routine JSA TO1
(2) Removal of Canopy Gutters + Beams JSA C+B03 JSA C+B 10
(3) Trial pits. Installation of Flame fans JSA C+B01 JSA TO4

All personnel attending Toolbax Talk (including sub-contractors): ((LMRA.))

[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

(1) Vehicle movement on Site Excavator, Hi Hab.
(2) Canopy removal Take down in reverse order in Small Sections.
(3) working from MEWP. Lanyard must be attached at all times.

Notes and Action Points:

(1) Banksman to assist with all vehicle movement on Site.
(2) Banksman to assure nobody enters Swing area of Excavator
(3) Gates to be kept locked at all times.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — Signed: [signature] Date: 30/1/08

Esso Engineer — Signed: ..... Date: .....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 20-1-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	[illegible]	[illegible]	site foreman.	08:00.	5:00
[illegible]	[illegible]	[illegible]	DRIVER	8-00	5:00
MSI	D. [illegible]	[illegible]	Site worker	8:00	5:00
MSI	P. Gibbons	P. Gibbons	Site Works	800	5:00
MSI	[illegible]	[illegible]	Site Work	800	5:00
MSI	G. Kavanagh O'Flynn	[illegible]	site visit	9:15	11:10
MSI	Shane	[illegible]	site visit	9:15	11:10
ABB	DOBLE	[illegible]	11	10:00	11:10
ESB.	[illegible]	[illegible]	Vib Monitor	10:10	11:00

ESSO
DAILY SITE SAFETY RECORD

Date: 20/1/08

Tool Box Talk Held By: GAVIN BYRNE
Topics Covered:

Site supervisors Daily routine done JSA 01
Repair to brick surface water drain JSA T30.
meop – removal of car wash wall & beams. JSA C+B 10
LMRA CARRIED at toc.

All personnel attending Toolbax Talk (including sub-contractors):

P. Gibbons		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

① Took down canopy stanchions.
② striped down car wash Bay.

Notes and Action Points:

Had site pre-start meeting with HBB + MSI.
Came across live NTL cable coming straight across the site Roadway from the washrack cable *

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 31·1·08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	[illegible]	[illegible]	site foreman	08.00.	5:00
MSI	P. Gibbons	P. Gibbons	Site work	[illegible]	5·00
[illegible]	[illegible]	[illegible]	[illegible]	8.00	5·00
MSI	D. Mahon	[illegible]	site work	8:00	5·00
MSI	[illegible]	[illegible]	Site work	800	5·00
MSI	Noel Brosnan	[illegible]	Network	0930	5·00

ESSO
DAILY SITE SAFETY RECORD

Date: 21/1/08

Tool Box Talk Held By: GAVIN BURGE.
Topics Covered:

Site supervisors Daily routine JSA01
Removal of Car wash area JSA C+B10.
Demolition of Existing Shop Building JSA C+B02.
LMRA CARRIED out also.

All personnel attending Toolbax Talk (including sub-contractors):

P. Gibbons		
Mark Mc Carry		
D. Lutchman		
W Smith		
NOEL BAKER		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Notes and Action Points:

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 1/2/08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	CHRIS BRIDGE	C Bridge	Site Clean	0800	1700
MSI	NOEL BRESLIN	Noel Breslin	Site work	0800	1700
MK Tanks	M McKeown	M McKeown	Drawn	8:00	1700
MSI	P. Gibbons	P Gibbons	Site Work	800	1700
MSI	COLIN M	Colin M	Site Work	800	1700
MSI	D. Mckeown	D Mckeown	site work	8:20	1700
J Stafford	Shane Lee	Shane Lee	Site work	9:30	1:10

ESSO
DAILY SITE SAFETY RECORD

Date: 1/2/08

Tool Box Talk Held By: GAVIN BYRNE
Topics Covered:

Site supervisor DAILY routine DONE JSA 01
Demolition & Existing Building JSA C+B 07.
Removal of canopy upright sections JSA C+B 06.
LMRA CARRIED out also.

All personnel attending Toolbax Talk (including sub-contractors):

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Notes and Action Points:

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 4/2/08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hickey	SHickey	steward	800	1700
M Mi Kenzie	Mark McKenzie	M McKenzie	Driller	8:00	1700
MSI	D. Gehring		Safety	8:00	1700
MSI	Noel Beesley		Steward	1800	1700

ESSO
DAILY SITE SAFETY RECORD

Date: 4-2-08

Tool Box Talk Held By: Steve Hickey

Topics Covered:

TB Slip trips Falls.
START WORK Discussion. Site Supervisor daily routine JSA TO1
Installation of Hams fencing JSA TO4
Demolition of Existing building JSA C+B 02
Removal of MTD Sugars JSA C+B 09
Carry out LMRA.

All personnel attending Toolbax Talk (including sub-contractors):

[illegible]		
[illegible]		
[illegible]		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

vehical movemet / Trucks entering + Exiting Site
Live Services NTL along Carwash area.
Surface Drains must be protected (Culvert).

Notes and Action Points:

Banksmen to assist with all vehical movemet
Extra Care cuhile trucks entering + leaving.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — Signed: [signature] Date: 03/12/08

Esso Engineer — Signed: ..... Date: .....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 5-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hickey	SHickey	Site Supervisor	730	1730
McKENNA	Mark Emery	Mark McEvoy	DRIVER	800	1700
MSI	P. Gibbons	P. Gibbons	Site work	800	1700
MSI	Noel Breslin	[illegible]	Ditchwork	0800	1700
MSI	D. Adams	[illegible]	site work	9:30	1700
Hydro	E Gaasma	E [illegible]	Excavation	10 00	1330
Hydro	Dave Scanlon	D Scanlon	Excavation	10.00	1330
MSI	G Kocsal	[illegible]	Site visit	16:00	16:45
ABB	Doyle	[illegible]	Audit	16:00	16:45

ESSO
DAILY SITE SAFETY RECORD

Date: 5-2-08

Tool Box Talk Held By: Steve Hickey

Topics Covered:

START WORK Discussion
Site Supervisor Daily routine JSA T01
Installation of Hoarding Fencing JSA T04
Demolition of Existing building JSA CHB02
Uncovering of UST' with Clyde JSA T604 JSA T09.

ZMRA TO Be Carried out prior to all tasks.

All personnel attending Toolbax Talk (including sub-contractors):

Mel Barr		
P. Gibbons		
D. Hickey		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

vehical movment.
weather Conditions - Strong winds.
NTL Live Service wall beside Carwash area.
All work areas to be fenced off.

Notes and Action Points:

Banksman to assist with vehical movment on Site, Extra
Care while vehicals entering or Exiting.
Keep work area Tidy to prevent trip or fall hazards
(Vacuum Extraction works on Site.
Seperate permit for this work SMS.)

Reviewed by: Safety Consultant	Signed:	Date: .....
Contractor Management/Safety Officer	.....	05/02/08
Esso Engineer	.....	.....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 6-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hughes	S Hughes	Site Supervisor	730	1730
McKenna	M McEvoy	M McEvoy	Driver	800	1700
MSI	D. Hebert		site work	8:00	1700
MSI	P. Gibbons	P. G	Site work	8:00	1700
MSI	Joel Bessin	Joel Bessin	"	0800	1700
URS	RYAN RAFFERTY		"	2:10	15:00
"					

ESSO
DAILY SITE SAFETY RECORD

Date: 6-2-08

Tool Box Talk Held By: Steve Hickey

Topics Covered:

START WORK DISCUSSION.	
(1) Site Supervisor Daily routine.	JSA TO1
(2) Installation of Hoarding fence.	JSA TO4
(3) Uncovering of UST's with Glycol.	JSA TG09
LMRA prior to all Tasks.	

All personnel attending Toolbax Talk (including sub-contractors):

Mary McGrath		
D. Hebert		
P. Gibbons		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

(1) Excavator on Site.
(2) Noise level while Concrete breaking.
(3) NTL Live Service, part overhead part underground.

Notes and Action Points:

(1) All work areas to be fenced off
(2) NO unathurised entry to work areas.
(3) Keep work area clean & tidy.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 7-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hickey	S Hickey	Site Supervisor	730	1730
[illegible]	[illegible]	[illegible]	Driver	800.	1700
MSI	D. Hickey	[illegible]	crane work	8:00	1700
MSI	P Gilmore	P.G	Site works	800	1700
MSI	Rob Breslin	[illegible]	pipework	800	1700
[illegible]	Frank Lawton	[illegible]	site work	9[illegible]	3:00
[illegible]	[illegible]	"	"	900	3:00
[illegible]	Noel McCarthy	[illegible]		[illegible]	3:00
URS	Ryan Rathody	[illegible]	Engdg	9:00	9:15
MSI	[illegible]	[illegible]	site work	11:30.	1700

ESSO
DAILY SITE SAFETY RECORD

Date: 7-2-08

Tool Box Talk Held By: Steve Hughes

Topics Covered:

START WORK DISCUSSION.
(1) Supervisor Daily routine JSA T01
(2) Installation of Horse fencing JSA T04
(3) Decommission Storage tanks JSA T11
(4) Removing MMD Sign with Hitab JSA C+B 09.
CMRA prior to all tasks.

All personnel attending Toolbax Talk (including sub-contractors):

Mark McEvoy		
Paddy Gilfoyle		
Mick Brady		
P. O'Hehir		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Vehicual movement on Site.
Track machine Keep out of Swing area of machine.
Rebar in Concrete
Noise levles during Concrete breaking

Notes and Action Points:

Banksman to assist with all traffic movemet, Extra Care
when wagons entering or leaving Site.
Keep out of swath area of trench machine
Remove all trip Hazards.
Follow all work procedures, PPE as JSA's

Reviewed by: Safety Consultant	Signed:	Date: .....
Contractor Management/Safety Officer	.....	.....
Esso Engineer	.....	.....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 8-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hughey	SHughey	Site Supervisor	700	1700
MSI	Mel Brake	Mel Brake	siteWork	0700	1700
MSI	David Byrne	DB	siteWork	07:15	1700
Rilta	George Lee	GEORGE LEE	SiteWork	7:30	1400
RILTA	Brendan Bloss	B Bloss	SiteWork	730	1400
MSI	P. Gibbons	PG	Site work	730	1700
RILTA	T. NAUGHTON	TN	Site Work	730	1450
MSI	Mark Gurney	Mark Gurney	Driver		1700
MSI	Dan Mikuszka	DM	site work	8:20	1700
MSI	Conor Carton	Conor Carton	site work	8:00	1700

ESSO
DAILY SITE SAFETY RECORD

Date: 8-2-08

Tool Box Talk Held By: Steve Nichey

Topics Covered:

SWD. Site Supervisor Daily routine	JSA TO1
Installation of Hams fencing	JSA TO4
Decommission Storage Tanks	JSA 11
Remove MD Slug with Hitab	JSA CTB 01.
LMRA prior to all tasks	

All personnel attending Toolbax Talk (including sub-contractors):

Gavin Steel.		
P. Gibbons		
Ryan Gehmo		
Mal Bush		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Vehicual movement.
Track machine

Notes and Action Points:

Bankman in place to assist with all Traffic, extra
Care while vehicals entering or leaving Site.
NO Entry into Swing area of track machine

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — Signed: ..... Date: 12/02/08

Esso Engineer — Signed: ..... Date: .....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 11-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hickey	S Hickey	Site Supervisor	8:00	1700
MSI	Conor CARTON	Conor Carton	Sitework	8-00	1700
Mackenna	Mark Evoy	Mark Evoy	Driver	8-00	1700
MSI	[illegible]	[illegible]	sitework	8:00	1700
MSI	Paddy Gibbons	P. G.	Site Works	8 00	1700
MSI	P. Mahon	[illegible]	site work	8:00	17-00
MSI	Noel Brosnan	Noel Brosnan	site work	0800	1700

ESSO
DAILY SITE SAFETY RECORD

Date: 11-2-08

Tool Box Talk Held By: Steve Hughes

Topics Covered:

Tool Box + START WORK Discussion	
(1) Site Supervisor Daily routine	JSA T01
(2) Installation of Horns fencing	JSA T04
(3) Tank lifting	JSA T12.
4 uncovering USTs prior to JSA T12.	JSA T09
LMRA Prior to all tasks.	

All personnel attending Toolbax Talk (including sub-contractors):

D. Hughes	Neil Brooks	
C. CARTON		
G Dias		
R. Hughes		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Vehicle movement
Excavations
Trips or falls.

Notes and Action Points:

Banksman to assist with all Traffic movement. Extra Care while vehicals entering or exiting Site.
Fence off all extavations
Keep out of Swing area of Track machine.

Tool Box Seves Common Accident Causes.
11-2-08.

Reviewed by: Safety Consultant	Signed:	Date:
Contractor Management/Safety Officer		12/02/08
Esso Engineer		

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 12-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hickey	S Hickey	Site Supervisor	8:00	17:00
MMcKenna	Mark McEvoy		Driver	8:00	17:00
MSI	W. Mahood		site work	8:00	17:00
MSI	P. Gibbons		Site works	8:00	17:00
MSI	Noel Breslin		Pitman	0800.	17:00
URS	RYAN PAFFORD		"	8:15	10:00
MSI	G. Koncal		weekly Site visit	10:10	12:39
ABB	KDOBLE		Audit	11:30	12:39
URS	RYAN PAFFORD		"	12:15	2:00

ESSO
DAILY SITE SAFETY RECORD

Date: 12-2-08

Tool Box Talk Held By: Steve Richey

Topics Covered:

START WORK Discussion	
Site Supervisor Daily routine	JSA T01
Installation of Horns fence	JSA T04
Uncovering UST's with Clay cap	JSA TG 09
Removal of Tank bases and backfilling of Tank pit	JSA T16
LMRA Prior to all Tasks.	

All personnel attending Toolbax Talk (including sub-contractors):

P. Gutierrez		
Mark McTavish		
Matt Banks		
Jay Hall		
D. Atkins		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

vehical movment
Excavations
Trip or fall

Notes and Action Points:

Banksman to assist with all vehical movment. Extra Care while Traffic enters or exting Site.
Fence off all excavations
Keep work area tidy.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 13-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Fuchey	SFuchey	Site Supervisor	800	1700
MMCKenna	M McKenna	M McKenna	Driver	8:00	1700
MSI	P. Gibbons	P. G	Site Work	8 00	1700
MSI	P Hibbins		site work	8:00	17-00
MSI	Noel Breslin	Noel Breslin	interview	0800	17-00
MMcKenna.	Hall McKenna	Hall McKenna	"	1.00.	2.20.
RJRS	Ryan Rafferty		"	2:15	2:45
D Heffernan.	D Heffernan.	D Heffernan	Delivery	15-00	1530

ESSO
DAILY SITE SAFETY RECORD

Date: 13-2-08

Tool Box Talk Held By: S Hickey

Topics Covered:

START WORK Discussion	
Site Supervisor daily routine	JSA T01
Installation of Hoarding fencing	JSA T04
Uncovering Tanks with Clycol	JSA T6-04
Removal of Tank bases and backfilling of Tank pit	JSA T16
Carry out LMRA prior to all tasks.	

All personnel attending Toolbax Talk (including sub-contractors):

P. Gibbons		
Mick Brett		
M. Gibbons		
D. Hickey		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Track machine on Site.
Excavations.
NO Entry into Excavations

Notes and Action Points:

Banksman to assist with all vehical movemet on Site.
Keep out of Swing area of Track machine
Keep behind fencing of Excavations.

Reviewed by: Safety Consultant	Signed:	Date: .....
Contractor Management/Safety Officer	.....	.....
Esso Engineer	.....	.....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 14-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hughes	S Hughes	Stewarts	8:00	1700
McKinney	McKinney	McKinney	Drivers	8:00	1700
MSI	R Gibbons	RG	site cleanup	8:00	1700
MSI	D Hughes		site work	8:00	1700
MSI	Noel Breslin		interior		1700
URS	RYAN RAFFERTY		"	10:30	12:00
M-S-I	FRANK COWLEY		deliverys	12.15	12.55
RICIA	RALPH TINNEY		Collection.	2.45	15.00
LHef	L HEFFERNAN		Collecting Tank	1520	1600

ESSO
DAILY SITE SAFETY RECORD

Date: 14-2-08

Tool Box Talk Held By: Steve Hockey

Topics Covered:

START WORK Discussion
Site Supervisor daily routine JSA T01
Installation of Horns fence JSA T04
Removal of Tank Bases and backfilling of Tank pit JSA T16
Carry out LMRA Prior to all tasks

All personnel attending Toolbax Talk (including sub-contractors):

D. McKeown		
P. Gibney		
Mel Brush.		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

vehical movment on Site
Excavations

Notes and Action Points:

Banksman in place to assist with all traffic movment
Extra Care while vehicals along or Exiting Site.
NO Entry into Excavations.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — Signed: [signature] Date: 19/02/08

Esso Engineer — Signed: ..... Date: .....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 15-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	CRAIG BRICE	C BRICE	site supervisor	0800.	5:00
MSI Ltd	Noel Breen	Noel Breen	Site work	0730	5:00
MMC Kenmare	Mark McCarthy	Mark McCarthy	Onsite	8:00	4:30
MSI	P. Gilhooly	PG	site work	8:00	5:00
MSI	D. Mahony	DM	site work	8:00	5:00
URS	Ryan Rafferty	RR	V-	11:30	3:00

ESSO
DAILY SITE SAFETY RECORD

Date: 15.2.08

Tool Box Talk Held By: GAVIN BYRNE
Topics Covered:

Site supervisors Daily routine done JSA 01
Install of chain link fencing JSA 23.
Remoal of tank. Basis and backfill of tank pit JSA 16
Trial pitting work's JSA 15.

All personnel attending Toolbax Talk (including sub-contractors):

[illegible]		
[illegible]		
P. Grisham		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

UKS arived on site 11.30 didnt start.
trial pitting until 12.00.
gds stone delivered for tank pit

Notes and Action Points:

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — Signed: [signature] Date: 19/2/08

Esso Engineer — Signed: ..... Date: .....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 18-2-08.

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hickey	SHickey	Site Supervison	800	1700
MSI	Noel Breslin	Noel Breslin	Fitter/Welder	0800	1700
MSI	P. Gallagher	P. Gallagher	Site works	800	1700
MMcKernan	Mark McKernan	Mark McKernan	Driver	8:00	1700
URS	Eugene Cafferky	Eugene Cafferky	Sampling	8:30	4:15
JH McCormack	P. O'Donnell	P. O'Donnell	Sampling machine repair	1130	12-30
Cementation	S Hayden	S Hayden	Cementation Service	13.50.	1430
Transdec	J Tarrit	J Tarrit	Repairs	4.40	4.45
Kavanagh	Ritwan Bella	Ritwan Bella	Security	4:30 pm	~~4.45~~

ESSO
DAILY SITE SAFETY RECORD

Date: 18-2-08

Tool Box Talk Held By: Steve Hickey
Topics Covered:

START WORK Discussion	
Site Supervisor Daily routine	JSA T01
INSTallation of Hand Fencing	JSA T04
Back fill Trackpit	JSA 116
Trial pitting Works	JSA 15
Carryout LMRA Prior to all tasks	

All personnel attending Toolbax Talk (including sub-contractors):

P Gibbs		
Mel Banks		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Vehicle movement

2 no Banks men assisting

Notes and Action Points: overweekend.

Track machine vandalised (Side window, Brakes mirrors / wipers)
portaloos pushed over.
Goal post System at NTL pushed over.
Signs taken from office (First Aid. office Signs)

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — Signed: [signature] Date: 19/02/08

Esso Engineer — Signed: ..... Date: .....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 19-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hughes	SHughes	Site Supervisor	730	1700
MSI	P. Gibbons	P. G	Site works	8 00	1700
MSI	Noel Bracken	Noel Bracken	Driver	0500.	1700
MMcKenna	Mary McEvoy	Mary McEvoy	Driver	8.00	1700
~~R Hussey~~ GRAHAM	Damien Hussey	Damien Hussey	Machine driver	8.05.	1700
URS	Pam Peffers		Sampling	8.15	2:30
MSI	P. Hughes		site search	2:20	1700
ABB	Keddie		Assisted	9 30	11:10
MSI	G. Kowal		Weekly visit	9.45	11:10
Ambassador	TALAL	TALAL AZIZ	Security	1700	800

ESSO
DAILY SITE SAFETY RECORD

Date: 19-2-08

Tool Box Talk Held By: Steve Hickey

Topics Covered:

TB eye protection.	START WORK DISCUSSION
Site Supervisor Daily routine	JSA T01
Installation of Heavy Fencing	JSA T04
Back fill Tank pits	JSA 116
Trail pit works	JSA 15
	LMRA Prior to all Tasks.

All personnel attending Toolbax Talk (including sub-contractors):

Mel Brady		
Paddy Gorman		
Mary McGuinness		
D. Gilmore		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Excavators
vehicual movemet

Notes and Action Points:

Banksman to assist with all traffic movmet on Site
Extra Care while Trucks Entering or Exiting Site

Gaurds Call to Site I am to talk to Security, they had been Called from neighbour through machine was working, noise from Generator.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

Daily Site Attendance Record

Site Register of *everyone* entering site

20-2-08

Project No : Priory

Company	Print Name	Signature	Reason for Visit	Time in	Time out
MSI	Steve Hughes	SHughes	Site Supervisor	730	1700
MSI	NOEL BRESLIN	Noel Breslin	Driver/Labourer	0730	1700
MSI	[illegible]	[illegible]		8:00	1700
MSI	P. Gibbons	[illegible]	Site works	8:00	1700
GRELLAN	DAMIEN HUSSEY	[illegible]	Machine operator	7.45	1700
Concrete M.V	[illegible]	[illegible]	Mixing	13:00	13:30
URS	Ryan Rafferty	[illegible]	Sampling	2:30	1530
Ammaplex	TALAL	[illegible]	Security	1700	800

ESSO
DAILY SITE SAFETY RECORD

Date: 20-2-08.

Tool Box Talk Held By: Steve Hickey

Topics Covered:

START WORK DISCUSSION.	
Site Supervisor daily routine	JSA T01
Installation of Hoarding fencing	JSA T04
Trial pit works	JSA 15
Removal of Tank base & Surrounds	JSA T16.
((LMRA.))	

All personnel attending Toolbax Talk (including sub-contractors):

[illegible]		
P. Gibbons		
Mark Brazil.		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Wagons arriving to Site.
2nd Excavators on Site.

Notes and Action Points:

Banksmen to assist with all reversal movement, Extra Care while wagons entering or exiting Site.

Review JSA's

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

ESSO
DAILY SITE SAFETY RECORD

Site Register of everybody entering site.

Date: 22-2-08

Company	Print Name	Signature	Reason for Visit	Time In	Time Out
MSI	Steve Hughey	SHughey	Site Supervisor	7.30	
MSI	NOEL BRESLIN	Noel Breslin	siteworks	0745.	1430.
GREHAN	DAMIEN HUSSEY	Damien Hussey	Machine operator	07.45.	
MSI	P. Gibbons	PG	site works	8 00	
MSI	D. Mehmet	DM	site work	8:00	
LJ Hutton	S Lawlor	SLawlor	Site work	11.50	12.36

ESSO
DAILY SITE SAFETY RECORD

Date: 22-2-08

Tool Box Talk Held By: Steve Hickey

Topics Covered:

START WORK DISCUSSION	
Site Supervor Daily routine	JSA TO1.
Installation of Home fencing	JSA TC4.
Trial pit works	JSA 15.
Carryout LMRA prior to all Tasks.	

All personnel attending Toolbax Talk (including sub-contractors):

[illegible]		
[illegible]		
[illegible]		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

vehicul movmet
Track machine on Site

Notes and Action Points:

Banksman to assist with all vehicul movmet on Site
2 no Banksmen while Wagons entering or exiting Site.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

Daily Site Attendance Record

Site Register of *everyone* entering site

Priory S/S

Project No : Decommission

Company	Print Name	Signature	Reason for Visit	Time in	Time out
MSI	Steve Hickey	S Hickey	Site Supervisor	730	1700
~~FAST~~ RICTA	GEORGE LEE	George Lee	Site Work	~~7.40~~ 8.20	8.20
RICTA	BRENDAN GLOSS		Site Work	7.40	820
MSI	NOEL BRESLIN	Noel Breslin	Site Work	0800	1700
GREHAN	DAMIEN HUSSEY	Damien Hussey	Machine driver	08:00	18:00
MSI	Paddy Gibbons	P Gibbons	Site work	800	1700
MSI	D Kilcline		Site work	8:00	1000
URS	Ryan Rafferty		Sampling	8:15	4:00
MSI	A McEnroe	A McEnroe	DRIVER	1000	1700
Armadale	TAIAL	Security	Security	17:00	806

ESSO
DAILY SITE SAFETY RECORD

Date: 21-2-08

Tool Box Talk Held By: Steve Hickey

Topics Covered:

START WORK Discussion	
Site Supervisor daily routine	JSA TO1
Installation of Heras fencing	JSA TO4
Trial pit works	JSA 15
Cleaning of interceptor	JSA T13
Removal of interceptor JSA17 LMRA.	

All personnel attending Toolbax Talk (including sub-contractors):

[illegible]		
[illegible]		
R. Gibbons		

Hazard Spotting, Unsafe Acts, Near Misses (from previous day):

Truck machine on Site
Wagons entering or Exiting Site
Excavations

Notes and Action Points:

Banksmen to assist with all vehical movmet
Extra Care while vehicals entering or exiting Site.
Fence off all trial pits, no pit to be left unattended
Backfill as Soon as EC has retrieved Sampler.

Reviewed by:
Safety Consultant — Signed: ..... Date: .....

Contractor Management/Safety Officer — ....

Esso Engineer — ....

Daily Site Attendance Record

Site Register of ***everyone*** entering site

25-2-08

Project No : _____

Company	Print Name	Signature	Reason for Visit	Time in	Time out
MSL	Steve Hitchen	S Hitchen	Site Supervisor	8:00	17:00
MSJ	NOEL BRESNAN	Noel Bresnan	Carpenter	8:00	17:00
MSL	D. McGuinness		site work	8:00	17:00
LHoff	L Hoffman		" "	11:00	13:00

5. DESCRIPTION OF URS ACTIVITIES

The tasks typically undertaken while URS staff are on site during the demolition and remediation of sites may include the following:

- Mobilisation;
- Pre Work meetings;
- Groundwater sampling
- Observations of UST removal;
- Test Pit Investigations;
- Supervision and Validation of Remedial Excavations.

5.1. Mobilisation

Upon arrival at the site at the start of each workday, ***URS staff will conduct a daily safety check before they commence site work (see Appendix B).***

Any items in an unsafe condition will be rectified or replaced prior to work commencing with remedial actions noted on the rear of the daily safety checklist.

Site works will not proceed until all necessary equipment has been checked and is available for use.

5.2. Pre Work Meetings

Tasks typically completed by URS staff during Pre Start Meetings may include:

- Review of existing environmental reports;
- Review of site boundary drawings;
- Review of underground services drawings; and
- Site walkover.

5.3. Groundwater Sampling

Tasks typically completed by URS staff during groundwater sampling may include the following:

- Checking all wells for the presence of separate phase hydrocarbons;
- Gauging water levels in wells;

- Purging water from each wells; and
- Collection of groundwater samples.

5.4. Observation of Tank Removals

Tasks typically completed by URS staff during the removal of underground storage tanks by the Demolition Contractor may include the following:

- Visual inspection of UST's as removed by demolition contractor
- Recording evidence of hydrocarbon impacts to soil and groundwater;
- Collection of soil samples for environmental analyses.

5.5. Test Pit Investigations

Tasks typically completed by URS staff during the excavation of test pits by the Demolition Contractor may include the following:

- Completing the relevant elements of the underground services check procedure;
- Observing the excavation of test pits;
- Recording observations of soil and groundwater; and
- Collection of soil samples for environmental analyses.

5.6. Remedial Excavations

Tasks typically completed by URS staff during remedial excavations by the Demolition Contractor may include the following:

- Completing the relevant elements of the underground services check procedure;
- Observation of remedial excavations;
- Recording observations of hydrocarbon impact to soil and groundwater; and
- Collection of soil samples for environmental analyses.

6. SITE HAZARDS

Based on the available site information and the works described in the previous section, the following potential hazards have been identified.

- Chemical Hazards;
- Physical Hazards;
- Human Hazards; and
- Biological Hazards.

The mitigation measures required to reduce the risk associated with each hazard are detailed in the Task Hazard Analysis (see section 7).

6.1. Chemical Hazards

The site was operated as a retail petrol station for several years prior to decommissioning.

The following chemicals are typically encountered on this type of site.

- Petrol;
- Diesel;
- Benzene (and other volatile compounds);
- MTBE; and
- Hydrocarbon oils.

The physical properties and characteristics of each chemical are tabulated below.

Contaminant	OEL[II]	TWA[II]	IDLH[III]	UNIT	Symptoms of exposure[1]	Other Comments
Volatile Compounds[2]						
Petrol			Ca		Headache, nausea, dizziness, blurred vision	
Benzene	5	0.1	500	ppm	Headache, nausea, tremors, fatigue	Known carcinogen
Toluene	50	100	500	ppm	Headache, nausea, dizziness & fatigue	Can penetrate intact skin
Ethylbenzene	100	100	800	ppm		
Xylene	N/A	100	900	ppm	Headache, nausea & fatigue	Can penetrate intact skin
Non Volatile Compounds[3]						
PAH	N/A	N/A	N/A	N/A		Present in diesel
Mineral Oil	N/A	N/A	N/A	N/A		Present in diesel
Diesel	N/A	N/A	N/A	N/A	Headache, nausea, dizziness, uncoordination, vomiting	
Used Motor Oil	N/A	N/A	N/A	N/A	Nausea, vomiting, diarrhoea	

I. NAOSH - national authority for occupational safety and health code of practice (2002)

II. NIOSH - 8 hour time weighted average

III. NIOSH - immediately dangerous to life/health.

The above information indicates that benzene is the critical contaminant of concern.

6.2. Physical Hazards

The following physical hazards may be encountered during the works:

Hazards associated with driving vehicles – Access to the site will require driving where road works, heavy traffic, bad weather and poor visibility may be encountered.

Heavy Equipment Operation - Operation of heavy equipment during excavation and tank removal activities presents a potential "run over" or collision hazard to personnel.

[1] Symptoms from NIOSH Pocket Guide to Chemical Hazards.

Underground Services – Excavations may encounter underground services including site facilities (tanks, supply lines) or off-site utilities (e.g. power, gas).

Fire/Explosion – the hydrocarbon products previously stored on site were flammable and the possibility exists for these compounds to be present in liquid or vapour phases.

Overhead Services - Overhead power lines pose a danger of shock or electrocution if the power line is contacted or severed during site operations.

Overhead Hazards – Demolition activities may be underway involving the pulling down of site canopies and/or buildings. The potential exists for tools, equipment or debris to fall to the ground.

Slips, trips and falls – The works will require the breaking out of site surfaces resulting in open trenches, pits, and holes; muddy, slippery or unstable surfaces; and equipment and debris on the ground.

Excavations/Trenches - Open excavations and trenches will be present during the site activities.

Manual handling – The handling of objects such as manhole covers, pumps and hoses pose the potential for back and soft tissue injuries.

Crush injuries – The handling of objects such as manhole covers, pumps and hoses pose the potential for hand and foot crush injuries.

Noise – Site equipment may generate noise levels.

Confined Spaces – Although there is no requirement to enter manholes or tanks, these features are still classified as Confined Spaces.

Poor Light – Staff may be required to undertake works in poor light or conditions of darkness.

6.3. Human Hazards

The following human hazards may be encountered during the works:

Exposure to Climate – Staff may be required to work outside in cold, wet or hot conditions.

Fatigue – Workers may be subject to fatigue (particularly during emergency responses).

6.4. Biological Hazards

The following biological hazards may be encountered during the works:

Exposure to Pathogens – Pathogens such as Lymes disease or Tetanus may be present in soils or drains at the site.

Needles – Discarded hypodermic syringes and other sharps may be present at the site.

Animals – Animals encountered at the site may carry disease (rabbits) or attack (dogs).

7. TASK HAZARD ANALYSIS

A risk assessment has been undertaken for the proposed environmental works that will directly involve URS staff.

This involved assessment of the hazards associated with individual work tasks and identifying mitigation measures that reduce the risk associated with each hazard.

Project personnel should be aware of these general hazards involved with each task and should implement the relevant mitigation measures whenever required.

It is noted that the Demolition Contractor may implement some risk mitigation measures while they occupy demolition sites. For example, the Demolition Contractor typically supplies fencing and barriers, welfare facilities, fire extinguishers, etc.

Other activities shall be undertaken on the site that will not involve URS staff (e.g. demolition). A hazard analysis has not been completed for these tasks as such assessment is the responsibility of the Principal Contractor.

7.1. Risk Assessment Table

The risk assessment completed for the proposed works is tabulated below.

This table identifies hazards associated with particular tasks, the risk level and the relevant risk mitigation measures to be carried out to reduce the risk to a low level.

Hazard	Work Activities where Hazard present	Risk Level	Risk Mitigation Measures
Contact with Buried Services	• Tank Removal • Test Pitting • Remedial Excavation	• High	• Follow excavation procedure (see section 12) • Check with utility companies for underground service plans • Scanning subcontractor to complete full scan for underground services. The lines of services will be marked using paint, etc. The plans arising from this scan shall be reviewed prior to any excavation. This drawing should be minimum A2 size and colour. • All services shall be assumed alive unless proven otherwise • All staff, machine operators and sub-contractors will be fully briefed before they begin work. • Inspect site for evidence of services (e.g. manholes, surface scars) • All sampling locations to be checked by CAT scan in all modes. • If excavation required near services, hand or vacuum excavation to 1.2m depth should be carried out.
Contact with Overhead Services	• Tank Removal • Test Pitting • Remedial Excavation	• High	• Work that will require plant to be in the vicinity of overhead services is to be identified during pre start work meeting • Maintain minimum 7m clearance from any overhead electrical services when lifting or excavating (remember to consider swing arc of boom). • If machinery must be closer than 7m, site supervisor to arrange isolation, goalposts or similar protective measures. • Movements of visiting vehicles and plant are to be controlled. Barriers and warning signs will be continuously monitored to ensure that they remain intact and in place. • If an excavator or other equipment is required to pass beneath protected overhead cables, the driver must get out, look up to assess the power lines and then proceed with care.

Hazard	Work Activities where Hazard present	Risk Level	Risk Mitigation Measures
Contact with Plant	• All tasks	• High	• Ensure site is securely fenced and gates are closed • Use barriers and cones to clearly mark out work areas where machinery working • Unload/back machinery under supervision of banksman • Brief operator/supervisor on environmental requirements before commencing work • Personnel shall remain in the field of vision of machine operators while machinery is moving. • Only approach machinery when operator gives signal. • High visibility vest to be worn. • Maintain safe distance from all plant (check swing arc).
Collapse of Excavation	• Tank Removal • Test Pitting • Remedial Excavation	• High	• Excavations to be located/orientated to minimise undermining of structures. • Evaluate ground conditions from existing reports before excavation commences. • Limit the dimensions of excavations to minimum required to meet project objectives (e.g. test pits 1m x 2.5m) • During excavation of test pits, barriers to be used on at least 2 sides (i.e. barricade sides away from excavator and spoil heap). • All staff to stand outside barriers and spoil heap • No sampling from excavation, sample from spoil heap or bucket instead. • Be aware of any evidence of collapse (i.e. tension cracks) • Spoil and materials will be stacked back from the edges of excavations • Backfill excavations as work progresses (do not leave open unless absolutely necessary) • All excavations left open to be fully enclosed by site fencing • Backfill and compact all excavations to leave a level and firm surface.

Hazard	Work Activities where Hazard present	Risk Level	Risk Mitigation Measures
Contact with Contaminated Materials (Liquid and Solid Phase)	• All site activities	• Medium	• Minimise contact with contaminated materials through the use of tools and equipment (e.g. bailers). • Wear appropriate PPE (see section 10). • All solid waste arising from works (including disposable PPE) will be disposed appropriately (this may require waste classification to be completed if potential exists for haz waste). • Staff shall follow personal decontamination procedures prior to leaving site (see section 13). • No drinking, eating or smoking within the work area. Drinking, eating and smoking shall only be allowed after the removal of PPE and personal decontamination. • In the event that the presence of unknown substances is suspected or observed, unknown odours are experienced, or unusual symptoms are experienced (such as headache or nausea), work should be suspended, the work area evacuated immediately and the project team notified.
Contact with Contaminated Materials (Vapour Phase)	• All site activities	• Medium	• Wear appropriate PPE (see section 10). • Conduct ongoing monitoring for presence of vapours using calibrated PID • If PID reading exceed action levels, stop work and retire to allow vapours to dissipate, review work methods • If possible, stand upwind of potential sources, test pits, etc • Breathing zone of staff to be kept away from potential sources (i.e. don't bend down and place head in or near tank opening, do not sniff soil). • In the event that the presence of unknown substances is suspected or observed, unknown odours are experienced, or unusual symptoms are experienced (such as headache or nausea), work should be suspended, the work area evacuated immediately and the SSO notified

Hazard	Work Activities where Hazard present	Risk Level	Risk Mitigation Measures
Fire/ Explosion	• All times	• Medium	• Diesel powered equipment should be used in preference to petrol driven machinery. Petrol driven equipment has more potential to act as an ignition source. Petrol driven machinery that is required on-site should be fitted with spark arresters. • Ignition sources of any kind (including non-intrinsically safe electrical equipment and mobile phones) shall not be permitted on site. • No smoking or naked lights on the site. • Keep Fire Extinguishers (Type B (E) Dry Chemical) on site. • Confirm location of emergency stop / power mains supply switch if available
Slips, Trips & Falls	• All site activities	• Medium	• Be aware of condition of site, scan for trip hazards before entry • Don personal safety boots before entering site • Limit hoses, tools and other trip hazards to minimum required. • Equipment not in use should be stowed on vehicles. • Be aware of kerbs and debris, step over or walk around • Be aware of slippery conditions when if wet. • All equipment will be placed in vehicle or treatment plant when not in use. • Staff shall ensure that site is in safe condition, including: o All manholes and hatches securely in place. o All excavations backfilled or fenced. o No sediments or wastes are present at the surface.
High Noise	• Breaking out concrete • When heavy equipment in use	• Medium	• Be aware that site equipment or site activities may produce elevated noise levels under certain conditions (e.g. breaking out concrete). • Foam earplugs or defenders are to be available on site.
Manual handling issues (e.g. back injury)	• All site activities	• Medium	• Be aware of potential back injuries; use correct procedures for lifting, bending and handling equipment. • Lifting irons and bars are to be used for lifting manhole covers x. • If difficulty arises in opening a jammed manhole, assistance will be sought from the second person on site to loosen and lift the cover.
Biological Hazards	• All site activities	• Medium	• Ensure all cuts, abrasions, etc are treated as soon as they occur, are kept covered and kept clean. • Wash hands before eating, drinking or leaving site.

Hazard	Work Activities where Hazard present	Risk Level	Risk Mitigation Measures
			• If staff should fall ill during or after the Site work period, the nature of the work undertaken will be brought to the attention of their GP.
Proximity to confined space	• All site activities	• Low	• Excavations, manholes, tanks and chambers should be regarded as confined spaces. • Do not enter any confined space • Do any inspection or work from outside of manholes or chambers (i.e. reach in with tools). Reaching into these spaces is allowed, as there is no risk of entanglement, collapse or entrapment. However, the personal breathing zone of staff to be kept away from hatch of collection vessels
Crush Injuries	• All site activities	• Low	• When opening manholes, use appropriate lifters or similar tools • Body parts (including hands and feet) should never be placed between under manholes or similar heavy items. • Care to be taken when opening and closing manholes to ensure body and tools are clear of pinch points.
Overhead Hazards	• During demolition	• Low	• While work is being carried out on canopy and similar high structures, URS staff shall stand well clear • When tanks and other equipment is being lifted by mobile plant, URS staff shall stand well clear. • During test pitting and excavation, staff shall remain outside the swing arc of mobile plant. • All staff shall wear hard hats.
Unauthorised people entering site (Security)	• All site activities	• Low	• Staff shall ensure that gates are closed and locked (unless gates are under fulltime supervision). • Be aware of higher level of personal security during darkness. • Lock gates when working to prevent unauthorised entry. • Contact Security Company or local Police in event of security issue arising.

Hazard	Work Activities where Hazard present	Risk Level	Risk Mitigation Measures
Vehicle Accident	• Driving to site • At site	• Medium • Low	• Complete daily safety checklist. • Vehicles shall be roadworthy and in good mechanical order. • Vehicles shall will be taxed and insured in accordance with legislation. • Seat belts shall be worn at all times. • Driver shall be fully licensed and comply with all relevant driving and safety regulations. • Driver shall not operate vehicle when fatigued or under the influence of alcohol or medication. • Driver to ensure that all equipment is securely stowed before travel. • Road rules to be obeyed at all times; do not speed or drive overloaded vehicle. • Individuals operating a vehicle will not be permitted to use mobile phones while vehicle is moving. • Vehicle to be parked outside of the site well clear of site gates.
Exposure to Climate	• All site activities	• Low	• Ensure dressed appropriately for prevailing conditions • Adequate food and drink to be available following personal decontamination (see Section 13)
Fatigue	• All site activities	• Low	• Special attention should be paid to fatigue. • Take adequate rest and meal breaks. • Do not drive or operate machinery when fatigued.
Poor Light	• All site activities	• Low	• Work at night is not to be undertaken unless authorised by Project Manager. • Ensure all site compound lighting is functioning. • Additional temporary lighting should also be available (e.g. torches).

7.2. Risk Assessment of Additional Tasks

URS may be requested to carry out occasional tasks that fall outside the scope of work and risk assessments described above.

If activities not addressed by this document are required, there shall be prior consultation with the URS Project Manager and Safety Manager and a revised risk assessment for the additional tasks can be completed.

For one-off minor tasks (e.g. less than 1 day), this risk assessment may be documented in an Additional Task Risk Assessment Form.

These Additional Task Risk Assessment forms ***(see Appendix D)*** may be used to assess risks associated with one-off additional tasks and describe the relevant risk mitigation measures

8. IMPLEMENTATION OF LOSS PREVENTION SYSTEM

URS is implementing the Esso Loss Prevention System (LPS) on this project.

LPS training is being gradually rolled out to URS project staff and selected subcontractors.

Two key elements of the LPS system that will be completed as part of the requirements of this site safety plan are the Job Safety Analysis and the Self Performance Self Assessment.

8.1. Job Safety Analysis

A Job Safety Analysis (JSA) shall be completed for each major task undertaken by URS or our subcontractors.

The format of the JSA shall be in accordance with templates supplied by ABB.

URS staff and subcontractors shall review and update (if required) relevant JSA's as part of the site induction recorded in **Appendix I**.

JSA's shall be documented and included in the project safety file.

8.2. Self Performance Self Assessment

URS staff and subcontractors shall complete a Self Performance Self Assessment (SPSA) prior to starting each work tasks.

The SPSA is a form of last minute risk assessment to assess risks associated with the task to be completed, analysing how o reduce the risk and acting to ensure that the work is to be completed safely.

The process of completing an SPSA is recorded on a prompt card that is issued to all LPS trained staff and should be held on site (***See Appendix H***).

Completion of a SPSA is not documented.

9. GENERAL SITE RULES

- The Demolition Site Supervisor shall induct all URS staff and sub-contractor at the start of their first visit.
- The Demolition Site Supervisor must be present during all works.
- The site gates or similar access shall be kept shut and locked unless under direct supervision.
- No mobile phones are permitted in work areas. Mobile phones may only be stored and used in the site office.
- Eating, drinking and chewing gum are prohibited in the contaminated or potentially contaminated area. These activities are only permitted in the site office.
- Personnel will wash their hands and faces thoroughly with soap and water prior to eating, drinking, or smoking.
- Smoking is prohibited in all areas of the site. No matches or lighters are permitted on the site.
- Alcohol consumption is prohibited during work hours. Excessive drinking is strongly discouraged at all times while the team is in the field. Use of prescription medications that impair judgement or affect motor skill and all illegal drugs are also prohibited.
- Personnel will avoid contact with potentially contaminated substances. Do not walk through puddles, pools, mud, etc. Avoid, whenever possible, kneeling, leaning, or sitting on contaminated surfaces. Do not place monitoring equipment on potentially contaminated surfaces (i.e., the ground, etc.)
- All field staff should remain alert to potentially dangerous situations in which they should not become involved (i.e., note the presence of strong, irritating, or nauseating odours, etc.).
- Only those vehicles and the equipment required to complete work tasks should be permitted within the site (e.g. excavators). URS staff should only drive onto site to deliver and/or pick up equipment and shall do so only with the permission of the Demolition Site Supervisor. All non-essential vehicles should remain off-site
- Contaminated protective equipment, such as respirators, hoses, boots, and disposable protective clothing, will not be removed from the site or decontamination area until it has been cleaned or packaged for disposal.
- Splashing of contaminated materials should be prevented.

- Field crew members should be familiar with the physical characteristics of the site operations including:
  - Accessibility to equipment and vehicles;
  - Wind direction in relation to the contaminated area;
  - Areas of known or suspected contamination;
  - Site access; and
  - Nearest water sources.
- All wastes generated by URS activities at the site will be placed in skips, bags or bins for appropriate off-site disposal.

10. PERSONAL PROTECTIVE EQUIPMENT (PPE)

The following personal protective equipment (PPE) shall be worn during site activities:

At all times

- Hard hat;
- Safety shoes or boots (protective cap and midsole to BS EN 345 or international equivalent);
- Work garments with long sleeves and long pants (i.e. arms and legs covered); and
- High visibility jackets or vest.
- Safety Goggles

When opening hatches and manholes

- As above; plus
- Heavy-duty rubber or similar gloves.

When exposed to potentially contaminated water (e.g. gauging water levels)

- As above; plus
- Heavy-duty rubber or similar gloves.

When supervising the breaking out of sealed surfaces (e.g. breaking out concrete)

- As above; plus
- Hearing Protection; and
- Safety glasses (to BS EN 166 or international equivalent).

The above items of PPE are standard equipment issued to all staff.

All PPE shall be marked with the CE European standard mark.

The standard PPE shall be donned prior to the activities described above and prior to entering the work zone if works have commenced.

Hearing protection will be available when working in high noise environment (for example during pump operation). As a general rule, if normal conversation can't be heard 500mm away due to high noise, hearing protection should be worn.

11. CONTROLLING EXPOSURES TO CHEMICALS

11.1. General

Engineering controls and safe work practices (e.g. elimination of the source of contamination, ventilation equipment, working upwind, limiting exposure time) must be the primary control for air contaminants.

On this project, exposure to chemical in solid, liquid and vapour phase may be expected.

The following measures help minimise the inhalation (breathing), ingestion (through the mouth), skin absorption or injection (breaking through the skin) of chemical compounds.

- Minimise contact with contaminated materials (e.g. use PID to screen rather than "sniff" samples);
- Uses appropriate PPE to prevent contact with contaminated materials; and
- No drinking or eating within the work area (drinking and eating shall only be allowed in the mess area after the removal of PPE and personal decontamination).

The potential for exposure to chemical vapours is greatest in excavations, vessels and similar unventilated spaces. Under no circumstances should any excavation, manhole, vessel or other confined space be entered during these works.

All staff should ensure that their personal breathing zones are kept away from manholes or vessel openings (i.e. keep head well clear of these openings).

In the event that the presence of unknown substances is suspected or observed, unknown odours are experienced, or unusual symptoms are experienced (such as headache or nausea), work should be suspended and the emergency procedures followed (see Section 16).

Be aware of dust levels. If excessive dust is generated during the works, staff may wear a dust mask.

Be aware for potential asbestos hazard (e.g. fibrous materials). If encountered stop work and notify site supervisor and URS project manager

11.2. Monitoring For Vapours

URS staff will undertake occasional monitoring for volatile organic vapours in the breathing space of site staff. These monitoring results will be used to evaluate any recommended changes to work practices.

The monitoring equipment must be calibrated in accordance with the manufacturer's instructions and noted in the field book or on the Pre work checklist. Action levels and response criteria are presented below. Initial monitoring is conducted on a regular basis in the work area. All readings are to be recorded in the field book.

ACTION LEVEL	TIME PERIOD	ACTION
1 ppm 15 ppm	15 minutes 1 minute	Stop work; retire from source area to allow vapours to dissipate. If vapours do not dissipate, contact project manager to review field procedures and health and safety plan.

12. EXCAVATION SAFETY

The following procedure shall apply for the excavation of test pits and remedial excavations.

12.1. Underground Services

Prior to commencement

- The site supervisor and URS staff shall review the all available information sources concerning underground services. These sources shall include utility company drawings and the scanning company service drawing.
- The scanning company drawing should be at least A2 size and in colour.
- All services shown on drawings should be treated as live until confirmed otherwise.
- The site supervisor will scan the entire site with a CAT using all three modes if possible. Any discrepancy with available drawings will be noted and excavation will not commence until discrepancy is rectified.
- All service location should be marked with paint.

Prior to excavation at a given location

- The footprint of the excavation shall be CAT scanned
- Concrete or other surface shall be broken out
- The footprint of the excavation will be CAT scanned again. Any suspect signals should be investigated by hand digging
- All staff shall be aware for evidence of underground services. This evidence may include presence of backfill, bedding materials or warning tapes.

12.2. Excavation Safety

Prior to excavation, the Site supervisor shall barricade the working area and erect safety signs.

Most excavations will be carried out using mechanical tracked excavators; any breaking of concrete or similar surfaces will be carried out using machine mounted hydraulic breakers

The excavator will set spoil to one side of the excavations to allow access around the excavation and to minimise potential for collapsing the excavation

The following guidelines will apply to limit the potential for collapse of excavations:

- Excavations will be located/orientated to minimise undermining of adjacent structures.
- Ground conditions and potential stability issues will be assessed from existing reports before excavation commences.
- Limit the dimensions of excavations to minimum required to meet project objectives (e.g. test pits 1m x 2.5m)
- During excavation of test pits, barriers should be used on at least 2 sides (i.e. barricade sides away from excavator and spoil heap).
- All staff should stand outside barriers and spoil heap
- Staff shall not enter any excavations. Samples shall not be collected directly from the excavations, sample from spoil heap or bucket instead.
- Be aware of any evidence of collapse (i.e. tension cracks)
- Backfill excavations as work progresses (do not leave open unless absolutely necessary)
- All excavations left open to be fully enclosed by site fencing
- Backfill and compact all excavations to leave a level and firm surface.

12.3. Safety around Heavy Plant

Operation of heavy equipment during excavation activities presents a potential "run over" or collision hazard to personnel. The hazards associated with heavy equipment can be effectively eliminated if personnel maintain a constant visual or verbal contact with the equipment operator.

Never assume that the equipment operator sees you; make eye contact and use hand signals to inform the operator of your intent.

Never walk directly in back of, or to the side of, heavy equipment without the operator's knowledge.

On the site, other plant and motor vehicles may be a hazard. Be aware of the movements of vehicles onto and off the site.

13. DECONTAMINATION

13.1. Personal Hygiene

The Demolition Contractor will provide a site compound that includes office/mess room, wash facilities and toilet.

Potable water is available on site from the source indicated by the Demolition Contractor.

Soap and disposable towels are kept in the site compound.

Only water supplies and toilets provided as part of site compound shall be used, do not use facilities inside station buildings.

13.2. Personal Decontamination

The following steps will be followed before site staff eat, drink or leave the site.

- Wash or remove boots. Scrub boots with a stiff bristle brush and water if required.
- Remove gloves.
- Remove coveralls if worn.
- Remove hardhat and eye protection.
- Wash hands, wash face if required.

13.3. Equipment Decontamination

When all work activities have been completed, any tools or equipment that may have been in contact with contaminated materials will be appropriately decontaminated or properly disposed of.

It is expected that all tools will be constructed of non-porous, non-absorbent materials. This will aid the decontamination process. Any tool or part of a tool that is made of a porous/absorbent material will be discarded and disposed of as a waste if it cannot be properly decontaminated.

14. MANUAL HANDLING

Care will be taken at all times during lifting operations including the opening of manhole covers and access hatches.

All site staff shall be trained in these safe lifting procedures.

The procedures include the following.

- Get help when lifting heavy loads. Lift items of more than 20kg using a two-person lift.
- When moving heavy objects, such as manhole covers, use a mechanical means of assistance such a manhole lifter.
- Plan the lift. If lifting a heavy object, plan the route and where to place the object. In addition, plan communication signals to be used (i.e., "1,2,3, lift," etc.)
- Wear safety shoes or boots that are in good condition and supply traction when performing lifts.
- Keep your back straight and head aligned during the lift, and use your legs to lift the load – do not twist or bend from the waist. Keep the load in front of you – do not lift or carry objects from the side.
- Keep the heavy part of the load close to your body to help maintain your balance.

15. TRAINING

As the works on the site may continue over a period of several weeks, the possibility exists that a number of different site staff will work at the site.

The Site Supervisor must induct all URS staff on their first visit to the site.

URS staff undertaking site works should be trained as follows:

- URS 24 hour Hazardous Site (or equivalent);
- URS 8 hour Hazardous Waste Refresher (completed within the previous year);
- Induction to this Site Safety Plan;
- Loss Prevention Systems Induction;
- Manual Handling Procedures;
- CAT scanning;
- Safe Pass or UK equivelant.

The URS Regional Leader shall be responsible for ensuring all site staff have completed this training prior to undertaking work at the site.

16. EMERGENCY PROCEDURES

16.1. Emergency Equipment

The following emergency equipment is available at the site. The location of this equipment shall be pointed out to all staff during initial site induction.

Fire Extinguisher

A fire extinguisher will be located inside the Demolition Contractors site compound.

Only attempt to fight fire if safe to do so and an escape route is available.

In event of any fire, notify local fire brigade.

Eye Wash

A bottle-type eyewash or potable water supply is located in the site compound.

In the event of a contaminated water or foreign object entering a workers eye, they will use the bottle wash or potable water to rinse the eye thoroughly.

Medial advice should be sought immediately if eye irritation persists following rinse.

First Aid Kit

First aid kit is located inside the site compound.

This kit should be used to ensure all cuts and abrasions are cleaned and covered immediately.

Medical advice should be sought following initial first aid if the injury is more serious than a simple cut abrasion or similar superficial injury.

16.2. Emergency Procedures

An emergency is defined as an unexpected or uncontrolled event that causes personal injury and/or damage to the facility.

Emergencies may include personal injury, car accident, fire, explosion or an uncontrolled chemical emission.

The following procedure should be followed in the event of an emergency:

- All work shall cease immediately and the site supervisor informed.
- Other occupants of the site shall be informed of the nature of the emergency (due to the small size of the site this can be done verbally).

- In the event of fire, extinguishers may be used only if safe to do so and only if a clear escape route is available.
- If an immediate danger to personnel exists, the site shall be evacuated to the nominated assembly point.
- If an injured person can be removed from immediate danger without risk of further injury to the injured person and other personnel, then this should be done.
- The Site Supervisor shall ensure that the appropriate emergency services are contacted immediately.
- The Site Supervisor shall arrange the transport of any injured persons to the nearest hospital.
- When all emergency actions have been taken and it is safe to do so, the site staff shall notify the URS and ABB project contacts (see section 16.3).

The emergency assembly point shall be outside the main gate of the site. This location shall be pointed out to staff during induction.

Following an emergency situation, works will not recommence until authorised by Site Supervisor.

16.3. Emergency Contacts

In emergency, contact Fire Service/Police/Ambulance by dialling 999

Agency	Contact	City	Telephone Number(s)
Fire Brigade	Emergency Services	Dublin	999 or 112
Petroleum Officer	Dun-Laoghaire-Rathdown County Council	Level 3, County Hall, Marine Road, Dun Laoghaire	01 205 4700
Police	Emergency Services	Dublin	999 or 112
Ambulance	Emergency Services	Dublin	999 or 112
Hospital	St. Vincent's University Hospital	Elm Park, Dublin 4	01 2774000

The Project Team contacts are listed in Section 3.5 of this site safety plan.

16.4. Nearest Emergency Hospital

The nearest hospital with an emergency department is St. Vincent's University Hospital, Elm Park, Dublin 4.

Map and directions held in site office.

The route to the hospital is shown on Figure 3.

The telephone number for the hospital is +353 1 2774000.

16.5. Reporting of Accidents and Emergencies

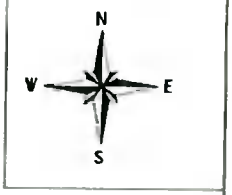
All accidents, emergencies, dangerous occurrences and near misses shall be reported, in the first instance, to the URS Project Manager by the URS Site engineer.

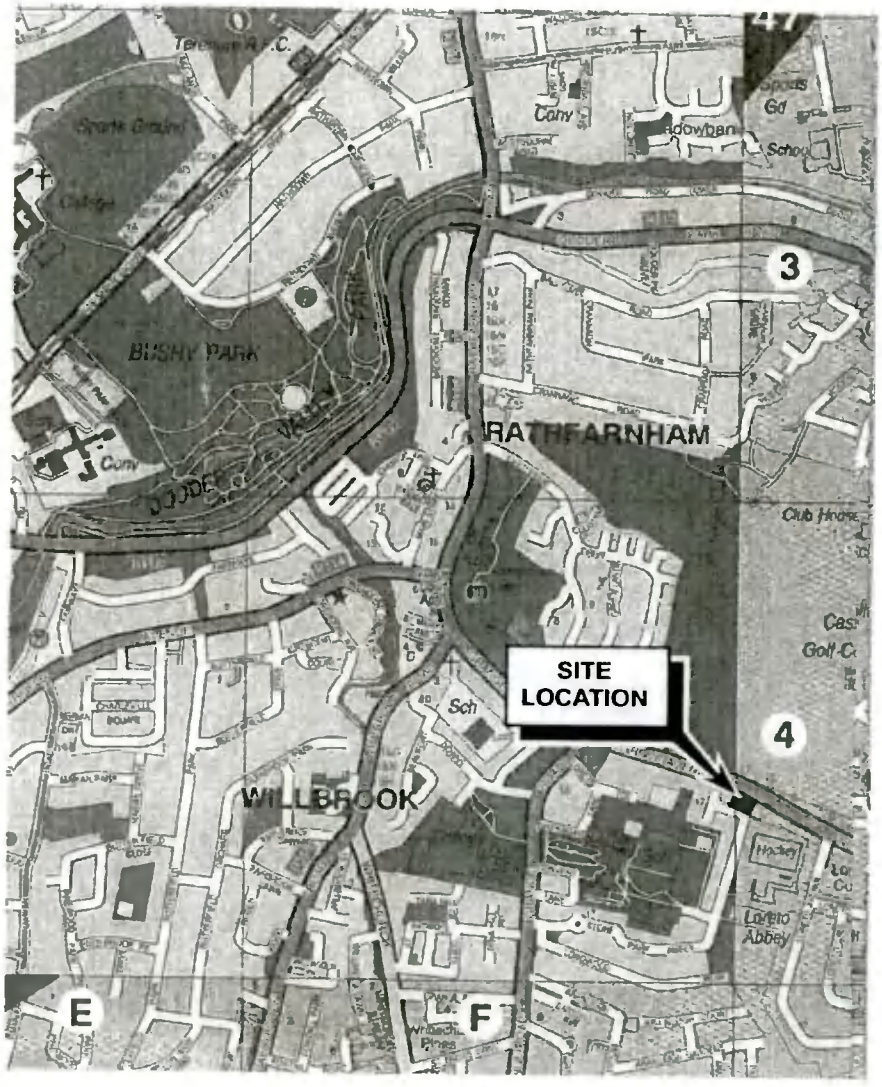
The URS Site Engineer shall be responsible for completing and submitting URS and Esso accident report forms (see Appendix F), which will then be forwarded to the Project Manager for review.

The Project Manager shall also be responsible for passing all relevant information to the URS Regional Health and Safety Manager in the event that the Regional Health and Safety Manager has to report an incident to the Health and Safety Executive.

Figure 1 - Site Location

North





0 m 750 m

CLIENT
ABB LTD.

PROJECT LOCATION
ENVIRONMENTAL SITE ASSESSMENT
PRIORY SERVICE STATION
NUTGROVE AVENUE, RATHFARNHAM, DUBLIN

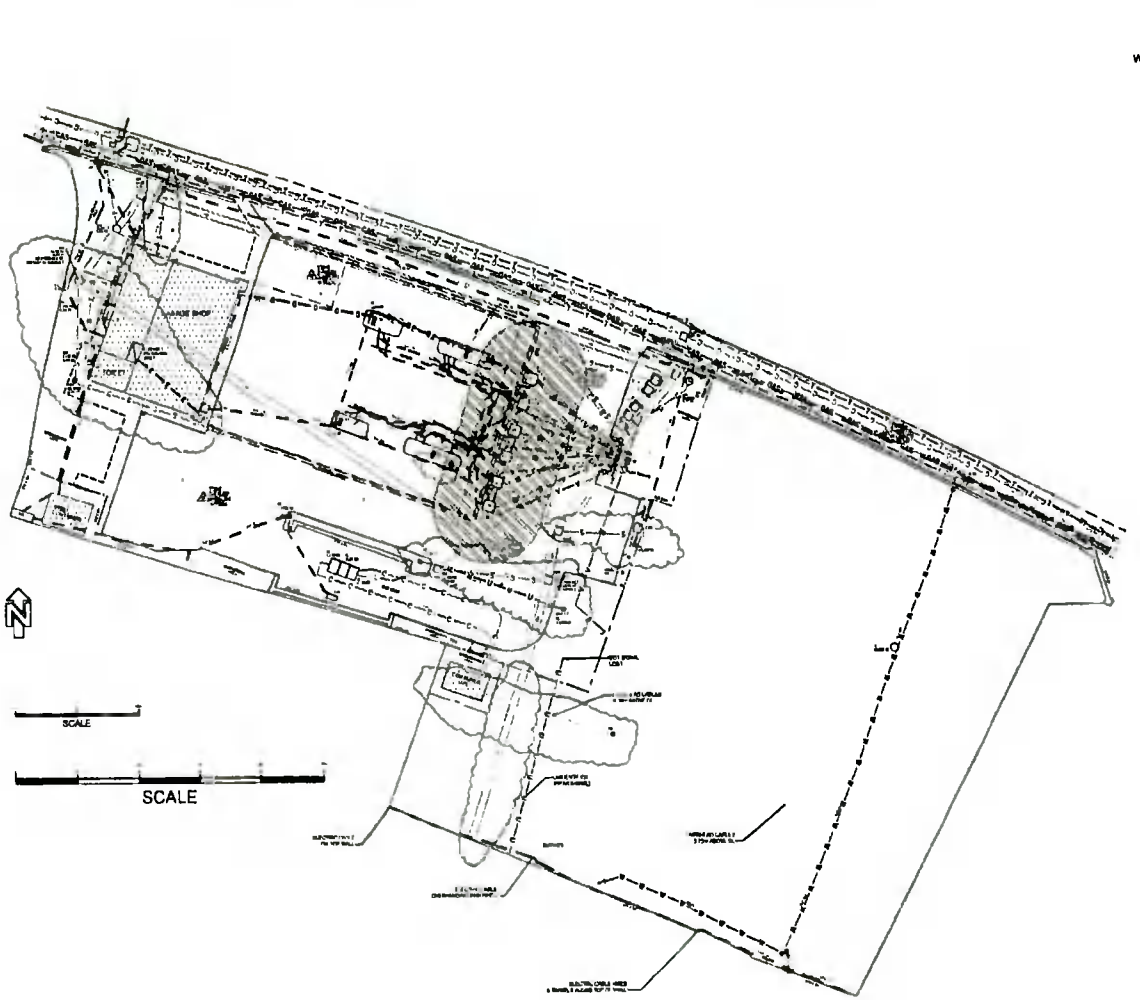
DRAWING TITLE
FIGURE 1 - SITE LOCATION PLAN

ENVIRONMENTAL CONSULTANTS
URS
Iveagh Court, 6-8 Harcourt Road, Dublin2
TEL +353 1 4155100 FAX +353 1 4155101

DRAWN	TRACED	CHECKED	APPROVED	DATE
HG		CG	CGDUB	10.05.06
SCALE	Job No.			REV.
1:15,000	45078281			A

Figure 2 - General Site Layout

NOTES:
All pumps removed
Strong sense of petrol fumes
from tanks 3, 4 & all culvert MH's
Water plastic UTT
Read in conjunction with
Esso Drawing PRI-10
PHASE 2:
Read in conjunction with existing records.
All fuel pipes have been capped.
No evidence of culvert in manhole to the West of the garage/shop and culvert in manhole to the east of fuel tank 1.
PHASE 3:
Additional subscan of central location south of the site (south of container UTS).
Subscan completed on 15.01.08, by Geomatic Solutions.



KEY

- FUEL LINE - PETROL
- FUEL LINE - DIESEL, KERO OR PARAFFIN
- ELECTRICITY CABLE
- HIGH VOLTAGE ELECTRICITY CABLE
- TANK GAUGE LINE OR COMMS CABLE
- OFF-SET FILL
- VENT PIPE
- OIL PIPE
- TELECOM CABLE
- BT CABLE
- CABLE TELEVISION
- GAS
- WATER SUPPLY PIPE
- FOUL WATER DRAIN
- SURFACE WATER DRAIN
- COMBINED DRAIN
- UNIDENTIFIED - SEE NOTES
- OVERHEAD SERVICE
- END OF TRACE
- BUILDING
- CANOPY OUTLINE
- MANHOLE
- PILLAR
- DO NOT DRILL
- CRITICAL AREA
- SCAN OUTLINE
- TANK * W=WATER F=FOAM P=PRODUCT U=UNKNOWN C=CONCRETE
- BOREHOLE LOCATION
- TRIAL PIT LOCATION

TRACE CODES

TFS	Trace is From Source to destination with visual evidence to confirm
SDC	Sources and/or Destinations are Concealed
WS	Weak Signal / high interference
VA	Visual Assessment (line of site perhaps scarring)
LA	Logical Assumption (source & destination exist, line added without trace)
TFR	Taken From Records
AEE	Anything Else Encountered

ABBREVIATIONS

EC	Electricity Cover	VP	Vent Pipe
EOT	End of Trace	FH	Fire Hydrant
G	Gully	WSV	Sluice Valve
IC	Inspection Cover	WM	Water Meter
LC	Lighting Column	UTT	Unable To Trace
MH	Manhole Cover	EP	Electric Pole
OBA	Oil Survey Area	TP	Telegraph Pole
RE	Rodding Eye	CP	Catch Pit
UTS	Unable To Survey	P	Post
SP	Sign Post	ACU	Air Conditioning Unit

INTERCEPTOR DETAILS

Type	Condition	Size	Material	Depth
3 Stage	Good			2.85m

TANK DETAILS

Tank No.	Fuel Type	Capacity	Feed To Pumps
1	LRP / UL	20,000 Ltrs	3 & 7 & 8
2	UL	20,000 Ltrs	1 2 5 & 8
3	UL	20,000 Ltrs	3 4 7 & 8
4	UL	20,000 Ltrs	1 2 5 & 6
5	UL	20,000 Ltrs	1 2 3 4 5 6 7 & 8
6	Derv	20,000 Ltrs	9 10 11 & 12

CLIENT:
URS Ireland Ltd
Euro Business Park
Little Island
Cork

Robust Phase 2

SITE:
Priory Service Station
Nutgrove Avenue
Rathfarnham, Dublin

DISCLAIMER: This drawing has been produced by 40Seven primarily for the safe location of exploratory ground investigation holes. The location of underground services shown on this drawing has been determined using electro-magnetic techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing does not include the location of all public services that may cross the site and the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings.

40SEVEN

DRAWING NO:	51364
REVISION:	02 (2008.02.04 / URS)
SURVEYED BY:	PT
SURVEY DATE:	02.10.2007
DRAWN BY:	TR
APPROVED BY:	PT

Figure 3 - Route to Hospital


DUBLIN HARBOUR
Pingsend
Irishtown
Sandymount
Ringsend
Merrion
Booterstown
Blackrock
Clonskeagh
Donnybrook
Rathmines
Ranelagh
Balsbridge
Windy Arbour
Mount Merrion
Stillorgan
Kilmacud
Dundrum
Ballinteer
Ballybodden
Willbrook
Rathfarnham
Templeogue
Terenure
Kimmage
Clarkstown
Galloping
Deansgrange
34
32
31
30
22

Appendix G: Laboratory Certificates (on CD Attached)

ALcontrol Geochem Analytical Services
Sample Descriptions

Job Number: 06/05016/01/01
Client: URS Ireland Limited
Client Ref :

Grain sizes

<0.063mm	Very Fine
0.1mm - 0.063mm	Fine
0.1mm - 2mm	Medium
2mm - 10mm	Coarse
>10mm	Very Coarse

Sample Identity	Depth (m)	Colour	Grain Size	Description	Batch
PRIO_BH01_2.0	2.0	Brown	0.1mm - 0.063mm	Clay with some Stones	1
PRIO_BH02_0.5	0.5	Dark Grey	0.1mm - 2mm	Sandy Clay with some Stones	1
PRIO_BH03_3.5	3.5	Dark Brown	0.1mm - 2mm	Sandy Clay with some Stones	1
PRIO_BH04_1.8	1.8	Dark Grey	0.1mm - 2mm	Sandy Clay	1
PRIO_BH05_3.5	3.5	Grey	0.1mm - 2mm	Sand with some Stones	1
PRIO_BH06_1.6	1.6	Beige	0.1mm - 0.063mm	Silty Clay	1

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.
Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/05016/01/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY SS
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO_BH 01_2.0	PRIO_BH 02_0.5	PRIO_BH 03_3.5	PRIO_BH 04_1.8	PRIO_BH 05_3.5	PRIO_BH0 6_1.6				Method Code	LoD/Units
Depth (m)	2.0	0.5	3.5	1.8	3.5	1.6					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL					
Sampled Date	22.03.06	20.03.06	21.03.06	21.03.06	21.03.06	22.03.06					
Sample Received Date	24.03.06	24.03.06	24.03.06	24.03.06	24.03.06	24.03.06					
Batch	1	1	1	1	1	1					
Sample Number(s)	4-6	10-12	28-30	34-36	49-51	55-57					
Arsenic	5	2	8	9	6	9				TM129#M	<1 mg/kg
Beryllium	<1	<1	<1	1	<1	<1				TM129#M	<1 mg/kg
Cadmium	<1	<1	2	2	<1	1				TM129#M	<1 mg/kg
Chromium	24	12	20	26	18	18				TM129#M	<1 mg/kg
Copper	12	10	18	10	15	12				TM129#M	<1 mg/kg
Lead	26	110	26	27	23	24				TM129#M	<1 mg/kg
Mercury	<1	<1	<1	<1	<1	<1				TM129#	<1 mg/kg
Nickel	25	16	34	21	29	25				TM129#M	<1 mg/kg
Vanadium	17	12	25	31	21	22				TM129#M	<1 mg/kg
Zinc	85	54	111	96	84	80				TM129#M	<1 mg/kg
Total Organic Carbon	0.27	0.63	0.47	1.89	0.44	0.37				TM050#	<0.01 %
pH Value	8.72	8.33	8.66	7.84	8.92	8.78				TM133#M	<1.00 pH Units

All results expressed on a dry weight basis.

Date 31.03.2006

Validated ☑
Preliminary ☐

A Lcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/0501 6/01/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY SS
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO_BH 01_2.0	PRIO_BH 02_0.5	PRIO_BH 03_3.5	PRIO_BH 04_1.8	PRIO_BH 05_3.5	PRIO_BH0 6_1.6				Method Code	LoD/Units
Depth (m)	2.0	0.5	3.5	1.8	3.5	1.6					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL					
Sampled Date	22.03.06	20.03.06	21.03.06	21.03.06	21.03.06	22.03.06					
Sample Received Date	24.03.06	24.03.06	24.03.06	24.03.06	24.03.06	24.03.06					
Batch	1	1	1	1	1	1					
Sample Number(s)	4-6	10-12	28-30	34-36	49-51	55-57					
GRO (C4-C12)	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
MTBE	<10	<10	<10	<10	<10	<10				TM089#	<10 ug/kg
Benzene	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
Toluene	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
Ethyl benzene	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
m & p Xylene	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
o Xylene	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
Aliphatics C5-C6	<10	<10	<10	<10	<10	<10				TM089	<10 ug/kg
Aliphatics >C6-C8	<10	<10	<10	<10	<10	<10				TM089	<10 ug/kg
Aliphatics >C8-C10	<10	<10	<10	<10	<10	<10				TM089	<10 ug/kg
Aliphatics >C10-C12	<10	<10	<10	<10	<10	<10				TM089	<10 ug/kg
Aliphatics >C12-C16	726	313	634	641	337	353				TM061#	<100 ug/kg
Aliphatics >C16-C21	1290	357	153	112	371	265				TM061#	<100 ug/kg
Aliphatics >C21-C35	157	661	631	521	904	222				TM061#	<100 ug/kg
Total Aliphatics C5-C35	2173	1331	1418	1274	1612	840				TM61/89	<100 ug/kg
Aromatics C6-C7	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
Aromatics >C7-C8	<10	<10	<10	<10	<10	<10				TM089#M	<10 ug/kg
Aromatics >EC8-EC10	<10	<10	<10	<10	<10	<10				TM089	<10 ug/kg
Aromatics >EC10-EC12	<10	<10	<10	<10	<10	<10				TM089	<10 ug/kg
Aromatics >EC12-EC16	102	153	195	104	353	156				TM061#	<100 ug/kg
Aromatics >EC16-EC21	<100	242	138	148	142	214				TM061#	<100 ug/kg
Aromatics >EC21 EC35	<100	1836	<100	1248	264	440				TM061#	<100 ug/kg
Total Aromatics C6-C35	102	2231	333	1500	759	810				TM61/89	<100 ug/kg
TPH (Aliphatics and Aromatics C5-C35)	2275	3562	1751	2774	2371	1650				TM61/89	<100 ug/kg

All results expressed on a dry weight basis.

Date 31.03.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/05016/01/01
Client: URS Ireland Limited
Clicnt Ref. No.:
Matrix: SOLID
Location: PRIORY SS
Client Contact: Clare Glanville

Sample Identity	PRIO_BH 01_2.0	PRIO_BH 02_0.5	PRIO_BH 03_3.5	PRIO_BH 04_1.8	PRIO_BH 05_3.5	PRIO_BH0 6_1.6				Method Code	LoD/Units
Depth (m)	2.0	0.5	3.5	1.8	3.5	1.6					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL					
Sampled Date	22.03.06	20.03.06	21.03.06	21.03.06	21.03.06	22.03.06					
Sample Received Date	24.03.06	24.03.06	24.03.06	24.03.06	24.03.06	24.03.06					
Batch	1	1	1	1	1	1					
Sample Number(s)	4-6	10-12	28-30	34-36	49-51	55-57					
PAH by GCMS											
Naphthalene	651	1053	1674	316	1358	330				TM074#	<10 ug/kg
Acenaphthylene	28	22	48	10	46	19				TM074#M	<5 ug/kg
Acenaphthene	86	99	108	56	89	57				TM074#M	<14 ug/kg
Fluorene	62	66	75	37	45	47				TM074#M	<12 ug/kg
Phenanthrene	44	288	49	34	42	44				TM074#M	<21 ug/kg
Anthracene	9	103	11	<9	<9	<9				TM074#M	<9 ug/kg
Fluoranthene	<25	772	<25	<25	<25	<25				TM074#M	<25 ug/kg
Pyrene	<22	647	<22	<22	<22	<22				TM074#M	<22 ug/kg
Benz(a)anthracene	<12	336	<12	<12	18	<12				TM074#M	<12 ug/kg
Chrysene	<10	469	<10	<10	18	<10				TM074#M	<10 ug/kg
Benzo(b)fluoranthene	<16	251	<16	<16	<16	<16				TM074#M	<16 ug/kg
Benzo(k)fluoranthene	<25	258	<25	<25	<25	<25				TM074#M	<25 ug/kg
Benzo(a)pyrene	<12	292	<12	<12	<12	<12				TM074#M	<12 ug/kg
Indeno(123cd)pyrene	<11	141	<11	<11	<11	<11				TM074#M	<11 ug/kg
Dibenzo(ah)anthracene	<8	55	<8	<8	<8	<8				TM074#M	<8 ug/kg
Benzo(ghi)perylene	<10	160	<10	<10	<10	<10				TM074#M	<10 ug/kg
PAH 16 Total	880	5012	1965	453	1616	497				TM074#	<25 ug/kg

All results expressed on a dry weight basis.

Date 31.03.2006

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/05016/01/01
Client: URS Ireland Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample [1]	Surrogate Corrected
TM050	Method 5310B, AWWA/APHA, 20th Ed., 1999 / DIN EN 13137	Total Organic Carbon determination by combustion method	✓		DRY	
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓	✓	DRY	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓	✓	WET	
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer	✓		DRY	
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer	✓	✓	DRY	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter	✓	✓	WET	
TM61/89		see TM061 and TM089 for details			WET	

[1] Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/05016/01/01
Client: URS Ireland Limited
Client Ref. No.:

Summary of Coolbox temperatures

Batch No.	Coolbox Temperature (°C)
1	4

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

* ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/05016/01/01 **Matrix:** LIQUID
Client: URS Ireland Limited **Location:** PRIORY SS
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO_DUP	PRIO_MW01	PRIO_MW02	PRIO_MW03	PRIO_MW04	PRIO_MW05	PRIO_MW06			Method Code	LoD/Units
Depth (m)											
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER				
Sampled Date	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06				
Sample Received Date	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06				
Batch	2	2	2	2	2	2	2				
Sample Number(s)	91-94	67-70	71-74	75-78	79-82	83-86	87-90				
Arsenic Dissolved (ICP-MS)	<1	3	<1	<1	3	<1	1			TM152#	<1 ug/l
Beryllium Dissolved (ICP-MS)	<1	<1	<1	<1	<1	<1	<1			TM152#	<1 ug/l
Cadmium Dissolved (ICP-MS)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4			TM152#	<0.4 ug/l
Chromium Dissolved (ICP-MS)	<1	<1	<1	1	2	9	6			TM152#	<1 ug/l
Copper Dissolved (ICP-MS)	<1	<1	<1	<1	<1	<1	<1			TM152#	<1 ug/l
Lead Dissolved (ICP-MS)	<1	<1	<1	<1	<1	<1	<1			TM152#	<1 ug/l
Nickel Dissolved (ICP-MS)	3	3	2	4	2	6	5			TM152#	<1 ug/l
Vanadium Dissolved (ICP-MS)	<1	<1	<1	<1	2	<1	1			TM152#	<1 ug/l
Zinc Dissolved (ICP-MS)	<3	13	8	8	<3	5	4			TM152#	<3 ug/l
Mercury Dissolved (CVAA)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			TM127#	<0.05 ug/l

Date 07.04.2006

Validated ☑
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ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/05016/01/01 **Matrix:** LIQUID
Client: URS Ireland Limited **Location:** PRIORY SS
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO_DUP	PRIO_MW01	PRIO_MW02	PRIO_MW03	PRIO_MW04	PRIO_MW05	PRIO_MW06			Method Code	LoD/Units
Depth (m)											
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER				
Sampled Date	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06				
Sample Received Date	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06				
Batch	2	2	2	2	2	2	2				
Sample Number(s)	91-94	67-70	71-74	75-78	79-82	83-86	87-90				
GRO (C4-C12)	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
MTBE	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
Benzene	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
Toluene	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
Ethyl benzene	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
m & p Xylene	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
o Xylene	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
Aliphatics C5-C6	<10	<10	<10	<10	<10	<10	<10			TM089	<10 ug/l
Aliphatics >C6-C8	<10	<10	<10	<10	<10	<10	<10			TM089	<10 ug/l
Aliphatics >C8-C10	<10	<10	<10	<10	<10	<10	<10			TM089	<10 ug/l
Aliphatics >C10-C12	<10	<10	<10	<10	<10	<10	<10			TM089	<10 ug/l
Aliphatics >C12-C16	<10	<10	<10	<10	<10	<10	<10			TM089	<10 ug/l
Aliphatics >C16-C21	<10	<10	<10	<10	<10	<10	<10			TM061	<10 ug/l
Aliphatics >C21-C35	<10	<10	<10	<10	<10	<10	<10			TM061	<10 ug/l
Total Aliphatics C5-C35	<10	<10	<10	<10	<10	<10	<10			TM061	<10 ug/l
Aromatics C6-C7	<10	<10	<10	<10	<10	<10	<10			TM61/89	<10 ug/l
Aromatics >C7-C8	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
Aromatics >EC8-EC10	<10	<10	<10	<10	<10	<10	<10			TM089#	<10 ug/l
Aromatics >EC10-EC12	<10	<10	<10	<10	<10	<10	<10			TM089	<10 ug/l
Aromatics >EC12-EC16	<10	<10	<10	<10	<10	<10	<10			TM089	<10 ug/l
Aromatics >EC16-EC21	<10	<10	<10	<10	<10	<10	<10			TM061	<10 ug/l
Aromatics >EC21-EC35	<10	<10	<10	<10	<10	<10	<10			TM061	<10 ug/l
Total Aromatics C6-C35	<10	<10	<10	<10	<10	<10	<10			TM061	<10 ug/l
TPH (Aliphatics and Aromatics C5-C35)	<10	<10	<10	<10	<10	<10	<10			TM61/89	<10 ug/l
										TM61/89	<10 ug/l

Date 07.04.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

* ISO 17025 accredited
M MCERTS accredited
\# Subcontracted test
» Shown on prev. report

Job Number: 06/05016/01/01 **Matrix:** LIQUID
Client: URS Ireland Limited **Location:** PRIORY SS
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO_DUP	PRIO_MW01	PRIO_MW02	PRIO_MW03	PRIO_MW04	PRIO_MW05	PRIO_MW06			Method Code	LoD/Units
Depth (m)											
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER				
Sampled Date	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06				
Sample Received Date	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06				
Batch	2	2	2	2	2	2	2				
Sample Number(s)	91-94	67-70	71-74	75-78	79-82	83-86	87-90				
PAH by GCMS											
Naphthalene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Acenaphthylene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Acenaphthene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Fluorene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Phenanthrene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Anthracene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Fluoranthene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Pyrene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Benz(a)anthracene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Chrysene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Benzo(b)fluoranthene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Benzo(k)fluoranthene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Benzo(a)pyrene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Indeno(123cd)pyrene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Dibenzo(ah)anthracene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
Benzo(ghi)perylene	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l
PAH 16 Total	<10	<10	<10	<10	<10	<10	<10			TM074	<10 ng/l

Date 07.04.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/05016/01/01
Client: URS Ireland Limited
Client Ref. No.:
Matrix: LIQUID
Location: PRIORY SS
Client Contact: Clare Glanville

Sample Identity	PRIO_DUP	PRIO_MW01	PRIO_MW02	PRIO_MW03	PRIO_MW04	PRIO_MW05	PRIO_MW06			Method Code	LoD/Units
Depth (m)											
Sample Type	WATER	WATER	WATER	WATER	WATER	WATER	WATER				
Sampled Date	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06	30.03.06				
Sample Received Date	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06	03.04.06				
Batch	2	2	2	2	2	2	2				
Sample Number(s)	91-94	67-70	71-74	75-78	79-82	83-86	87-90				
Volatile Organic Compounds											
Methyl Tertiary Butyl Ether	<1	<1	<1	<1	<1	<1	<1			TM116#	<1 ug/l
Benzene	<1	<1	<1	<1	<1	<1	<1			TM116#	<1 ug/l
Toluene	<1	<1	<1	<1	<1	<1	<1			TM116#	<1 ug/l
Ethylbenzene	<1	<1	<1	<1	<1	<1	<1			TM116#	<1 ug/l
p/m-Xylene	<1	<1	<1	<1	<1	<1	<1			TM116#	<1 ug/l
o-Xylene	<1	<1	<1	<1	<1	<1	<1			TM116#	<1 ug/l

Date 07.04.2006

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/05016/01/01
Client: URS Ireland Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample [1]	Surrogate Corrected
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)			NA	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS			NA	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			NA	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		NA	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓		NA	
TM127	Method 3112B, AWWA/APHA, 20th Ed., 1999	The Determination of Trace Level Mercury in Aqueous Media and Soil Extracts by Atomic Absorption Spectroscopy	✓		NA	
TM152	Method 3125B. AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS	✓		NA	
TM61/89		see TM061 and TM089 for details			NA	

[1] Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/05016/01/01
Client: URS Ireland Limited
Client Ref. No.:

Summary of Coolbox temperatures

Batch No.	Coolbox Temperature (°C)
2	8

ALcontrol Geochem Analytical Services
Sample Descriptions

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref :

Grain sizes

<0.063mm	Very Fine
0.1mm - 0.063mm	Fine
0.1mm - 2mm	Medium
2mm - 10mm	Coarse
>10mm	Very Coarse

Sample Identity	Depth (m)	Colour	Grain Size	Description	Batch
PR10_BH07_0.5	0.5	Dark Brown	0.1mm - 2mm	Top Soil with some Stones	1
PR10_BH08_0.5	0.5	Dark Brown	0.1mm - 2mm	Top Soil with some Stones	1
PR10_BH09_0.5	0.5	Brown	0.1mm - 2mm	Top Soil with some Stones	1

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.
Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Matrix: SOLID
Location: PRIORY S/S
Client Contact: Clare Glanville

Sample Identity	PR10_BH 07_0.5	PR10_BH 08_0.5	PR10_BH 09_0.5							Method Code	LoD/Units
Depth (m)	0.5	0.5	0.5								
Sample Type	SOIL	SOIL	SOIL								
Sampled Date	16.05.06	16.05.06	16.05.06								
Sample Received Date	16.05.06	16.05.06	16.05.06								
Batch	1	1	1								
Sample Number(s)	1-4	5-8	9-12								
Arsenic	20	6	9							TM129#M	<1 mg/kg
Beryllium	<1	<1	<1							TM129#M	<1 mg/kg
Cadmium	1	1	<1							TM129#M	<1 mg/kg
Chromium	17	19	13							TM129#M	<1 mg/kg
Copper	25	24	8							TM129#M	<1 mg/kg
Lead	134	77	40							TM129#M	<1 mg/kg
Mercury	<1.2	<1.2	<1.2							TM129#M	<1.2 mg/kg
Nickel	63	27	16							TM129#M	<1 mg/kg
Vanadium	29	28	17							TM129#M	<1 mg/kg
Zinc	110	113	56							TM129#M	<1 mg/kg

All results expressed on a dry weight basis.

Date 24.05.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PR10_BH 07_0.5	PR10_BH 08_0.5	PR10_BH 09_0.5						Method Code	LoD/Units
Depth (m)	0.5	0.5	0.5							
Sample Type	SOIL	SOIL	SOIL							
Sampled Date	16.05.06	16.05.06	16.05.06							
Sample Received Date	16.05.06	16.05.06	16.05.06							
Batch	1	1	1							
Sample Number(s)	1-4	5-8	9-12							
GRO (C4-C12)	<10	<10	<10						TM089#M	<10 ug/kg
MTBE	<10	<10	<10						TM089#	<10 ug/kg
Benzene	<10	<10	<10						TM089#M	<10 ug/kg
Toluene	<10	<10	<10						TM089#M	<10 ug/kg
Ethyl benzene	<10	<10	<10						TM089#M	<10 ug/kg
m & p Xylene	<10	<10	<10						TM089#M	<10 ug/kg
o Xylene	<10	<10	<10						TM089#M	<10 ug/kg
Aliphatics C5-C6	<10	<10	<10						TM089	<10 ug/kg
Aliphatics >C6-C8	<10	<10	<10						TM089	<10 ug/kg
Aliphatics >C8-C10	<10	<10	<10						TM089	<10 ug/kg
Aliphatics >C10-C12	<10	<10	<10						TM089	<10 ug/kg
Aliphatics >C12-C16	233	1041	311						TM061*	<100 ug/kg
Aliphatics >C16-C21	366	364	149						TM061*	<100 ug/kg
Aliphatics >C21-C35	2919	20057	1855						TM061#	<100 ug/kg
Total Aliphatics C5-C35	3518	21462	2315						TM61/89	<100 ug/kg
Aromatics C6-C7	<10	<10	<10						TM089#M	<10 ug/kg
Aromatics >C7-C8	<10	<10	<10						TM089#M	<10 ug/kg
Aromatics >EC8-EC10	<10	<10	<10						TM089	<10 ug/kg
Aromatics >EC10-EC12	<10	<10	<10						TM089	<10 ug/kg
Aromatics >EC12-EC16	107	300	<100						TM061#	<100 ug/kg
Aromatics >EC16-EC21	178	285	175						TM061#	<100 ug/kg
Aromatics >EC21-EC35	1688	4117	280						TM061#	<100 ug/kg
Total Aromatics C6-C35	1973	4702	455						TM61/89	<100 ug/kg
TPH (Aliphatics and Aromatics C5-C35)	5491	26164	2770						TM61/89	<100 ug/kg

All results expressed on a dry weight basis.

Date 24.05.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PR10_BH 07_0.5	PR10_BH 08_0.5	PR10_BH 09_0.5							Method Code	LoD/Units
Depth (m)	0.5	0.5	0.5								
Sample Type	SOIL	SOIL	SOIL								
Sampled Date	16.05.06	16.05.06	16.05.06								
Sample Received Date	16.05.06	16.05.06	16.05.06								
Batch	1	1	1								
Sample Number(s)	1-4	5-8	9-12								
PAH by GCMS											
Naphthalene	375	657	186							TM074#	<10 ug/kg
Acenaphthylene	17	42	13							TM074#M	<5 ug/kg
Acenaphthene	<14	29	<14							TM074#M	<14 ug/kg
Fluorene	36	47	30							TM074#M	<12 ug/kg
Phenanthrene	204	249	80							TM074#M	<21 ug/kg
Anthracene	28	68	15							TM074#M	<9 ug/kg
Fluoranthene	69	698	51							TM074#M	<25 ug/kg
Pyrene	64	669	46							TM074#M	<22 ug/kg
Benz(a)anthracene	75	428	32							TM074#M	<12 ug/kg
Chrysene	83	492	33							TM074#M	<10 ug/kg
Benzo(b)fluoranthene	52	378	27							TM074#M	<16 ug/kg
Benzo(k)fluoranthene	48	146	<25							TM074#M	<25 ug/kg
Benzo(a)pyrene	55	478	32							TM074#M	<12 ug/kg
Indeno(123cd)pyrene	61	306	30							TM074#M	<11 ug/kg
Dibenzo(ah)anthracene	26	142	11							TM074#M	<8 ug/kg
Benzo(ghi)perylene	80	365	42							TM074#M	<10 ug/kg
PAH 16 Total	1273	5194	628							TM074#	<25 ug/kg

All results expressed on a dry weight basis.

Date 24.05.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PR10_BH 07_0.5	PR10_BH 08_0.5	PR10_BH 09_0.5							Method Code	LoD/Units
Depth (m)	0.5	0.5	0.5								
Sample Type	SOIL	SOIL	SOIL								
Sampled Date	16.05.06	16.05.06	16.05.06								
Sample Received Date	16.05.06	16.05.06	16.05.06								
Batch	1	1	1								
Sample Number(s)	1-4	5-8	9-12								
Volatile Organic Compounds											
Methyl Tertiary Butyl Ether	<1	<1	<1							TM116#M	<1 ug/kg
Benzene	1	1	<1							TM116#M	<1 ug/kg
Toluene	14	7	7							TM116#M	<1 ug/kg
Ethylbenzene	3	2	2							TM116#	<1 ug/kg
p/m-Xylene	8	6	5							TM116#	<1 ug/kg
o-Xylene	2	1	1							TM116#	<1 ug/kg

All results expressed on a dry weight basis.

Date 24.05.2006

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Report Key :

			Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}
NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample [1]	Surrogate Corrected
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓	✓	DRY	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓	✓	WET	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓		WET	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓	✓	WET	
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer	✓	✓	DRY	
TM61/89		see TM061 and TM089 for details			WET	

[1] Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Summary of Coolbox temperatures

Batch No.	Coolbox Temperature (°C)
1	12

ALcontrol Geochem Analytical Services
Sample Descriptions

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref :

Grain sizes

<0.063mm	Very Fine
0.1mm - 0.063mm	Fine
0.1mm - 2mm	Medium
2mm - 10mm	Coarse
>10mm	Very Coarse

Sample Identity	Depth (m)	Colour	Grain Size	Description	Batch
PRIO-BH07	2.5	Brown	0.1mm - 0.063mm	Silty Clay	2
PRIO-BH08	2.5	Dark Grey	<0.063mm	Clay	2
PRIO-BH09	2.5	Dark Brown	0.1mm - 2mm	Top Soil	2

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.
Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO-BH07	PRIO-BH08	PRIO-BH09							Method Code	LoD/Units
Depth (m)	2.5	2.5	2.5								
Sample Type	SOIL	SOIL	SOIL								
Sampled Date	20.05.06	20.05.06	20.05.06								
Sample Received Date	25.05.06	25.05.06	25.05.06								
Batch	2	2	2								
Sample Number(s)	16-18	21-23	29-31								
Arsenic	43	-	-							TM129#M	<1 mg/kg
Beryllium	1	-	-							TM129#M	<1 mg/kg
Cadmium	2	-	-							TM129#M	<1 mg/kg
Chromium	25	-	-							TM129#M	<1 mg/kg
Copper	21	-	-							TM129#M	<1 mg/kg
Lead	30	-	-							TM129#M	<1 mg/kg
Mercury	<1.2	-	-							TM129#M	<1.2 mg/kg
Nickel	36	-	-							TM129#M	<1 mg/kg
Vanadium	32	-	-							TM129#M	<1 mg/kg
Zinc	113	-	-							TM129#M	<1 mg/kg
Total Organic Carbon	-	1.63	1.64							TM050#	<0.01 %
pH Value	-	6.64	6.40							TM133#M	<1.00 pH Units

All results expressed on a dry weight basis.

Date 14.06.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Matrix: SOLID
Location: PRIORY S/S
Client Contact: Clare Glanville

Sample Identity	PRIO-BH07	PRIO-BH08	PRIO-BH09							Method Code	LoD/Units
Depth (m)	2.5	2.5	2.5								
Sample Type	SOIL	SOIL	SOIL								
Sampled Date	20.05.06	20.05.06	20.05.06								
Sample Received Date	25.05.06	25.05.06	25.05.06								
Batch	2	2	2								
Sample Number(s)	16-18	21-23	29-31								
GRO (C4-C12)	<10	<10	<10							TM089#M	<10 ug/kg
MTBE	<10	<10	<10							TM089#	<10 ug/kg
Benzene	<10	<10	<10							TM089#M	<10 ug/kg
Toluene	<10	<10	<10							TM089#M	<10 ug/kg
Ethyl benzene	<10	<10	<10							TM089#M	<10 ug/kg
m & p Xylene	<10	<10	<10							TM089#M	<10 ug/kg
o Xylene	<10	<10	<10							TM089#M	<10 ug/kg
Aliphatics C5-C6	<10	<10	<10							TM089	<10 ug/kg
Aliphatics >C6-C8	<10	<10	<10							TM089	<10 ug/kg
Aliphatics >C8-C10	<10	<10	<10							TM089	<10 ug/kg
Aliphatics >C10-C12	<10	<10	<10							TM089	<10 ug/kg
Aliphatics >C12-C16	101	304	156							TM061#	<100 ug/kg
Aliphatics >C16-C21	<100	<100	<100							TM061#	<100 ug/kg
Aliphatics >C21-C35	<100	221	241							TM061#	<100 ug/kg
Total Aliphatics C5-C35	101	525	397							TM61/89	<100 ug/kg
Aromatics C6-C7	<10	<10	<10							TM089#M	<10 ug/kg
Aromatics >C7-C8	<10	<10	<10							TM089#M	<10 ug/kg
Aromatics >EC8-EC10	<10	<10	<10							TM089	<10 ug/kg
Aromatics >EC10-EC12	<10	<10	<10							TM089	<10 ug/kg
Aromatics >EC12-EC16	<100	<100	<100							TM061#	<100 ug/kg
Aromatics >EC16-EC21	<100	119	<100							TM061#	<100 ug/kg
Aromatics >EC21-EC35	<100	13258	101							TM061#	<100 ug/kg
Total Aromatics C6-C35	<100	13377	101							TM61/89	<100 ug/kg
TPH (Aliphatics and Aromatics C5-C35)	101	13902	498							TM61/89	<100 ug/kg

All results expressed on a dry weight basis.

Date 14.06.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO-BH07	PRIO-BH08	PRIO-BH09							Method Code	LoD/Units
Depth (m)	2.5	2.5	2.5								
Sample Type	SOIL	SOIL	SOIL								
Sampled Date	20.05.06	20.05.06	20.05.06								
Sample Received Date	25.05.06	25.05.06	25.05.06								
Batch	2	2	2								
Sample Number(s)	16-18	21-23	29-31								
PAH by GCMS											
Naphthalene	52	-	-							TM074#	<10 ug/kg
Acenaphthylene	<5	-	-							TM074#M	<5 ug/kg
Acenaphthene	20	-	-							TM074#M	<14 ug/kg
Fluorene	20	-	-							TM074#M	<12 ug/kg
Phenanthrene	80	-	-							TM074#M	<21 ug/kg
Anthracene	18	-	-							TM074#M	<9 ug/kg
Fluoranthene	71	-	-							TM074#M	<25 ug/kg
Pyrene	62	-	-							TM074#M	<22 ug/kg
Benz(a)anthracene	46	-	-							TM074#M	<12 ug/kg
Chrysene	46	-	-							TM074#M	<10 ug/kg
Benzo(b)fluoranthene	27	-	-							TM074#M	<16 ug/kg
Benzo(k)fluoranthene	27	-	-							TM074#M	<25 ug/kg
Benzo(a)pyrene	27	-	-							TM074#M	<12 ug/kg
Indeno(123cd)pyrene	<11	-	-							TM074#M	<11 ug/kg
Dibenzo(ah)anthracene	10	-	-							TM074#M	<8 ug/kg
Benzo(ghi)perylene	20	-	-							TM074#M	<10 ug/kg
PAH 16 Total	526	-	-							TM074#	<25 ug/kg

All results expressed on a dry weight basis.

Date 14.06.2006

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Report Key :

			Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}
NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample [1]	Surrogate Corrected
TM050	Method 5310B, AWWA/APHA, 20th Ed., 1999 / DIN EN 13137	Total Organic Carbon determination by combustion method	✓		DRY	
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓	✓	DRY	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓	✓	WET	
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer	✓	✓	DRY	
TM133	BS 1377: Part 3 1990	Determination of pH in Soil and Water using the GLpH pH Meter	✓	✓	WET	
TM61/89		see TM061 and TM089 for details			WET	

[1] Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Summary of Coolbox temperatures

Batch No.	Coolbox Temperature (°C)
2	11

ALcontrol Geochem Analytical Services
Sample Descriptions

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref :

Grain sizes

<0.063mm	Very Fine
0.1mm - 0.063mm	Fine
0.1mm - 2mm	Medium
2mm - 10mm	Coarse
>10mm	Very Coarse

Sample Identity	Depth (m)	Colour	Grain Size	Description	Batch
PRIO-BH07	2.5	Brown	0.1mm - 0.063mm	Silty Clay	2

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.
Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRJO-BH07									Method Code	LoD/Units
Depth (m)	2.5										
Sample Type	SOIL										
Sampled Date	20.05.06										
Sample Received Date	25.05.06										
Batch	2										
Sample Number(s)	16-18										
Arsenic	43									TM129#M	<1 mg/kg
Beryllium	1									TM129#M	<1 mg/kg
Cadmium	2									TM129#M	<1 mg/kg
Chromium	25									TM129#M	<1 mg/kg
Copper	21									TM129#M	<1 mg/kg
Lead	30									TM129#M	<1 mg/kg
Mercury	<1.2									TM129#M	<1.2 mg/kg
Nickel	36									TM129#M	<1 mg/kg
Vanadium	32									TM129#M	<1 mg/kg
Zinc	113									TM129#M	<1 mg/kg

All results expressed on a dry weight basis.

Date 31.05.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO-BH07									Method Code	LoD/Units
Depth (m)	2.5										
Sample Type	SOIL										
Sampled Date	20.05.06										
Sample Received Date	25.05.06										
Batch	2										
Sample Number(s)	16-18										
GRO (C4-C12)	<10									TM089#M	<10 ug/kg
MTBE	<10									TM089#	<10 ug/kg
Benzene	<10									TM089#M	<10 ug/kg
Toluene	<10									TM089#M	<10 ug/kg
Ethyl benzene	<10									TM089#M	<10 ug/kg
m & p Xylene	<10									TM089#M	<10 ug/kg
o Xylene	<10									TM089#M	<10 ug/kg
Aliphatics C5-C6	<10									TM089	<10 ug/kg
Aliphatics >C6-C8	<10									TM089	<10 ug/kg
Aliphatics >C8-C10	<10									TM089	<10 ug/kg
Aliphatics >C10-C12	<10									TM089	<10 ug/kg
Aliphatics >C12-C16	101									TM061#	<100 ug/kg
Aliphatics >C16-C21	<100									TM061#	<100 ug/kg
Aliphatics >C21-C35	<100									TM061#	<100 ug/kg
Total Aliphatics C5-C35	101									TM61/89	<100 ug/kg
Aromatics C6-C7	<10									TM089#M	<10 ug/kg
Aromatics >C7-C8	<10									TM089#M	<10 ug/kg
Aromatics >EC8-EC10	<10									TM089	<10 ug/kg
Aromatics >EC10-EC12	<10									TM089	<10 ug/kg
Aromatics >EC12-EC16	<100									TM061#	<100 ug/kg
Aromatics >EC16-EC21	<100									TM061*	<100 ug/kg
Aromatics >EC21-EC35	<100									TM061#	<100 ug/kg
Total Aromatics C6-C35	<100									TM61/89	<100 ug/kg
TPH (Aliphatics and Aromatics C5-C35)	101									TM61/89	<100 ug/kg

All results expressed on a dry weight basis.

Date 31.05.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO BH07	Method Code	LoD/Units
Depth (m)	2.5		
Sample Type	SOIL		
Sampled Date	20.05.06		
Sample Received Date	25.05.06		
Batch	2		
Sample Number(s)	16-18		
PAH by GCMS			
Naphthalene	52	TM074#	<10 ug/kg
Acenaphthylene	<5	TM074#M	<5 ug/kg
Acenaphthene	20	TM074#M	<14 ug/kg
Fluorene	20	TM074#M	<12 ug/kg
Phenanthrene	80	TM074#M	<21 ug/kg
Anthracene	18	TM074#M	<9 ug/kg
Fluoranthene	71	TM074#M	<25 ug/kg
Pyrene	62	TM074#M	<22 ug/kg
Benz(a)anthracene	46	TM074#M	<12 ug/kg
Chrysene	46	TM074#M	<10 ug/kg
Benzo(b)fluoranthene	27	TM074#M	<16 ug/kg
Benzo(k)fluoranthene	27	TM074#M	<25 ug/kg
Benzo(a)pyrene	27	TM074#M	<12 ug/kg
Indeno(123cd)pyrene	<11	TM074#M	<11 ug/kg
Dibenzo(ah)anthracene	10	TM074#M	<8 ug/kg
Benzo(ghi)perylene	20	TM074#M	<10 ug/kg
PAH 16 Total	526	TM074#	<25 ug/kg

All results expressed on a dry weight basis.

Date 31.05.2006

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Report Key :

			Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}
NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample [1]	Surrogate Corrected
TM061	Method for the Determination of EPH.Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓		DRY	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS	✓	✓	DRY	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		WET	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓	✓	WET	
TM129	Method 3120B, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 3050B	Determination of Metal Cations by IRIS Emission Spectrometer	✓	✓	DRY	
TM61/89		see TM061 and TM089 for details			WET	

[1] Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. **NA** = not applicable.

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Summary of Coolbox temperatures

Batch No.	Coolbox Temperature (°C)
2	11

Validated ✓
Preliminary

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Matrix: LIQUID
Location: PRIORY S/S
Client Contact: Clare Glanville

Sample Identity	PRIO - DUP01	PRIO - MW07	PRIO - MW08	PRIO - MW09	TRIP BLANK					Method Code	LoD/Units
Depth (m)	-	-	-	-	-						
Sample Type	WATER	WATER	WATER	WATER	WATER						
Sampled Date	26.05.06	26.05.06	26.05.06	26.05.06	26.05.06						
Sample Received Date	30.05.06	30.05.06	30.05.06	30.05.06	30.05.06						
Batch	3	3	3	3	3						
Sample Number(s)	44-47	32-35	36-39	40-43	48						
Arsenic Dissolved (ICP-MS)	3	2	3	3	-					TM152#	<1 ug/l
Beryllium Dissolved (ICP-MS)	<1	<1	<1	<1	-					TM152#	<1 ug/l
Cadmium Dissolved (ICP-MS)	<0.4	<0.4	<0.4	<0.4	-					TM152#	<0.4 ug/l
Chromium Dissolved (ICP-MS)	<1	2	<1	1	-					TM152#	<1 ug/l
Copper Dissolved (ICP-MS)	2	2	<1	<1	-					TM152#	<1 ug/l
Lead Dissolved (ICP-MS)	<1	<1	<1	<1	-					TM152#	<1 ug/l
Nickel Dissolved (ICP-MS)	61	5	6	3	-					TM152#	<1 ug/l
Vanadium Dissolved (ICP-MS)	<1	2	<1	3	-					TM152#	<1 ug/l
Zinc Dissolved (ICP-MS)	21	29	19	12	-					TM152#	<3 ug/l
Mercury Dissolved (CVAA)	<0.05	<0.05	<0.05	<0.05	-					TM127#	<0.05 ug/l

Date 08.06.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** LIQUID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRIO - DUP01	PRIO - MW07	PRIO - MW08	PRIO - MW09	TRIP BLANK					Method Code	LoD/Units
Depth (m)	-	-	-	-	-						
Sample Type	WATER	WATER	WATER	WATER	WATER						
Sampled Date	26.05.06	26.05.06	26.05.06	26.05.06	26.05.06						
Sample Received Date	30.05.06	30.05.06	30.05.06	30.05.06	30.05.06						
Batch	3	3	3	3	3						
Sample Number(s)	44-47	32-35	36-39	40-43	48						
GRO (C4-C12)	<10	<10	<10	<10	-					TM089#	<10 ug/l
MTBE	<10	<10	<10	<10	-					TM089#	<10 ug/l
Benzene	<10	<10	<10	<10	-					TM089#	<10 ug/l
Toluene	<10	<10	<10	<10	-					TM089#	<10 ug/l
Ethyl benzene	<10	<10	<10	<10	-					TM089#	<10 ug/l
m & p Xylene	<10	<10	<10	<10	-					TM089#	<10 ug/l
o Xylene	<10	<10	<10	<10	-					TM089#	<10 ug/l
Aliphatics C5-C6	<10	<10	<10	<10	-					TM089	<10 ug/l
Aliphatics >C6-C8	<10	<10	<10	<10	-					TM089	<10 ug/l
Aliphatics >C8-C10	<10	<10	<10	<10	-					TM089	<10 ug/l
Aliphatics >C10-C12	<10	<10	<10	<10	-					TM089	<10 ug/l
Aliphatics >C12-C16	<10	<10	<10	<10	-					TM061	<10 ug/l
Aliphatics >C16-C21	<10	<10	<10	<10	-					TM061	<10 ug/l
Aliphatics >C21-C35	<10	<10	<10	<10	-					TM061	<10 ug/l
Total Aliphatics C5-C35	<10	<10	<10	<10	-					TM61/89	<10 ug/l
Aromatics C6-C7	<10	<10	<10	<10	-					TM089*	<10 ug/l
Aromatics >C7-C8	<10	<10	<10	<10	-					TM089*	<10 ug/l
Aromatics >EC8-EC10	<10	<10	<10	<10	-					TM089	<10 ug/l
Aromatics >EC10-EC12	<10	<10	<10	<10	-					TM089	<10 ug/l
Aromatics >EC12-EC16	<10	<10	<10	<10	-					TM061	<10 ug/l
Aromatics >EC16-EC21	<10	<10	<10	<10	-					TM061	<10 ug/l
Aromatics >EC21-EC35	<10	<10	<10	<10	-					TM061	<10 ug/l
Total Aromatics C6-C35	<10	<10	<10	<10	-					TM61/89	<10 ug/l
TPH (Aliphatics and Aromatics C5-C35)	<10	<10	<10	<10	-					TM61/89	<10 ug/l

Date 08.06.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Matrix: LIQUID
Location: PRIORY S/S
Client Contact: Clare Glanville

Sample Identity	PRI0 - DUP01	PRIO - MW07	PRIO - MW08	PRIO - MW09	TRIP BLANK					Method Code	LoD/Units
Depth (m)	-	-	-	-	-						
Sample Type	WATER	WATER	WATER	WATER	WATER						
Sampled Date	26.05.06	26.05.06	26.05.06	26.05.06	26.05.06						
Sample Received Date	30.05.06	30.05.06	30.05.06	30.05.06	30.05.06						
Batch	3	3	3	3	3						
Sample Number(s)	44-47	32-35	36-39	40-43	48						
GRO (C4-C12)	-	-	-	-	<10					TM089#	<10 ug/l
Benzene	-	-	-	-	<10					TM089#	<10 ug/l
Toluene	-	-	-	-	<10					TM089#	<10 ug/l
Ethyl benzene	-	-	-	-	<10					TM089#	<10 ug/l
m & p Xylene	-	-	-	-	<10					TM089#	<10 ug/l
o Xylene	-	-	-	-	<10					TM089#	<10 ug/l
MTBE	-	-	-	-	<10					TM089#	<10 ug/l
Aliphatics C5-C6	-	-	-	-	<10					TM089	<10 ug/l
Aliphatics >C6-C8	-	-	-	-	<10					TM089	<10 ug/l
Aliphatics >C8-C10	-	-	-	-	<10					TM089	<10 ug/l
Aliphatics >C10-C12	-	-	-	-	<10					TM089	<10 ug/l
Total Aliphatics C5-C12	-	-	-	-	<10					TM089	<10 ug/l
Aromatics C6-C7	-	-	-	-	<10					TM089#	<10 ug/l
Aromatics >C7-C8	-	-	-	-	<10					TM089#	<10 ug/l
Aromatics >EC8-EC10	-	-	-	-	<10					TM089	<10 ug/l
Aromatics >EC10-EC12	-	-	-	-	<10					TM089	<10 ug/l
Total Aromatics C6-C12	-	-	-	-	<10					TM089	<10 ug/l

Date 08.06.2006

Validated ☑
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ALcontrol Geochem Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01 **Matrix:** LIQUID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Clare Glanville

Sample Identity	PRI0 - DUP01	PRIO - MW07	PRIO - MW08	PRIO - MW09	TRIP BLANK					Method Code	LoD/Units
Depth (m)	-	-	-	-	-						
Sample Type	WATER	WATER	WATER	WATER	WATER						
Sampled Date	26.05.06	26.05.06	26.05.06	26.05.06	26.05.06						
Sample Received Date	30.05.06	30.05.06	30.05.06	30.05.06	30.05.06						
Batch	3	3	3	3	3						
Sample Number(s)	44-47	32-35	36-39	40-43	48						
PAH by GCMS											
Naphthalene	<10	<10	<10	<10	-					TM074	<10 ng/l
Acenaphthylene	<10	<10	<10	<10	-					TM074	<10 ng/l
Acenaphthene	<10	<10	<10	<10	-					TM074	<10 ng/l
Fluorene	<10	<10	<10	<10	-					TM074	<10 ng/l
Phenanthrene	<10	<10	<10	<10	-					TM074	<10 ng/l
Anthracene	<10	<10	<10	<10	-					TM074	<10 ng/l
Fluoranthene	<10	<10	<10	<10	-					TM074	<10 ng/l
Pyrene	<10	<10	<10	<10	-					TM074	<10 ng/l
Benz(a)anthracene	<10	<10	<10	<10	-					TM074	<10 ng/l
Chrysene	<10	<10	<10	<10	-					TM074	<10 ng/l
Benzo(b)fluoranthene	<10	<10	<10	<10	-					TM074	<10 ng/l
Benzo(k)fluoranthene	<10	<10	<10	<10	-					TM074	<10 ng/l
Benzo(a)pyrene	<10	<10	<10	<10	-					TM074	<10 ng/l
Indeno(123cd)pyrene	<10	<10	<10	<10	-					TM074	<10 ng/l
Dibenzo(ah)anthracene	<10	<10	<10	<10	-					TM074	<10 ng/l
Benzo(ghi)perylene	<10	<10	<10	<10	-					TM074	<10 ng/l
PAH 16 Total	<10	<10	<10	<10	-					TM074	<10 ng/l

Date 08.06.2006

Validated ☑
Preliminary ☐

ALcontrol Geochem Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:
Matrix: LIQUID
Location: PRIORY S/S
Client Contact: Clare Glanville

Sample Identity	PRIO - DUP01	PRIO - MW07	PRIO - MW08	PRIO - MW09	TRIP BLANK					Method Code	LoD/Units
Depth (m)	-	-	-	-	-						
Sample Type	WATER	WATER	WATER	WATER	WATER						
Sampled Date	26.05.06	26.05.06	26.05.06	26.05.06	26.05.06						
Sample Received Date	30.05.06	30.05.06	30.05.06	30.05.06	30.05.06						
Batch	3	3	3	3	3						
Sample Number(s)	44-47	32-35	36-39	40-43	48						
Volatile Organic Compounds											
Methyl Tertiary Butyl Ether	<1	<1	<1	<1	-					TM116#	<1 ug/l
Benzene	<1	<1	<1	<1	-					TM116#	<1 ug/l
Toluene	<1	<1	<1	<1	-					TM116#	<1 ug/l
Ethylbenzene	<1	<1	<1	<1	-					TM116#	<1 ug/l
p/m-Xylene	<1	<1	<1	<1	-					TM116#	<1 ug/l
o-Xylene	<1	<1	<1	<1	-					TM116#	<1 ug/l

Date 08.06.2006

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Report Key :

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03×10^{-7}

NDP	No Determination Possible	*	Subcontracted test
NFD	No Fibres Detected	»	Result previously reported (Incremental reports only)
#	ISO 17025 accredited	M	MCERTS Accredited
PFD	Possible Fibres Detected	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control.

Summary of Method Codes contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Sample [1]	Surrogate Corrected
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)			NA	
TM074	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS			NA	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)			NA	
TM089	Modified: US EPA Methods 8020 & 602	Determination of Gasoline Range Hydrocarbons (GRO) and BTEX (MTBE) compounds by Headspace GC-FID (C4-C12)	✓		NA	
TM116	Modified: US EPA Method 8260, 8120, 8020, 624, 610 & 602	Determination of Volatile Organic Compounds by Headspace / GC-MS	✓		NA	
TM127	Method 3112B. AWWA/APHA, 20th Ed., 1999	The Determination of Trace Level Mercury in Aqueous Media and Soil Extracts by Atomic Absorption Spectroscopy	✓		NA	
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS	✓		NA	
TM61/89		see TM061 and TM089 for details			NA	

[1] Applies to Solid samples only. **DRY** indicates samples have been dried at 35°C. NA = not applicable.

ALcontrol Geochem Analytical Services
Table Of Results - Appendix

Job Number: 06/08230/02/01
Client: URS Ireland Limited
Client Ref. No.:

Summary of Coolbox temperatures

Batch No.	Coolbox Temperature (°C)
3	8

ALcontrol Laboratories

Extractable Petroleum Hydrocarbons (EPH) By GC-FID

Carbon Range C10-C40

Job Number : 08/01512/02/01

Client : URS Ireland Limited

Client Ref :

Matrix [Units] : SOLID [mg/kg]

All results expressed on a dry weight basis.

Sample No	Sample Identity	Depth	EPH	Interpretation
7	PRIO_BF01		<35	no identification possible

Extractable Petroleum Hydrocarbons (formally Diesel Range Organics) :- Any compound extractable in n-hexane within the carbon range C10-C40, includes Aliphatic (Min Oil), Aromatic (PAHs) and naturally occurring compounds.

ALcontrol Laboratories

Extractable Petroleum Hydrocarbons (EPH) By GC-FID

Mineral Oil - Carbon Range C10-C40

Job Number : 08/01512/02/01

Client : URS Ireland Limited

Client Ref :

Matrix [Units] : SOLID [mg/kg]

All results expressed on a dry weight basis.

Sample No	Sample Identity	Depth	Mineral Oil	Interpretation
7	PRIO_BF01		27	

Mineral Oil :- Aliphatic compounds in the range C10-C40 which are not retained on Silica.

ALcontrol Laboratories Analytical Services
Sample Descriptions

Job Number: 08/01512/02/01
Client: URS Ireland Limited
Client Ref :

Grain sizes

<0.063mm	Very Fine
0.1mm - 0.063mm	Fine
0.1mm - 2mm	Medium
2mm - 10mm	Coarse
>10mm	Very Coarse

Sample Identity	Depth (m)	Colour	Grain Size	Description	Batch
PRIO_BF01		Brown	0.1mm - 0.063mm	Silty Clay	1

* These descriptions are only intended to act as a cross check if sample identities are questioned, and to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions.

We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials-whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample.
Other coarse granular materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
' Sample Description supplied by client

Validated ☑
Preliminary ☐

ALcontrol Laboratories Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 08/01512/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Edel O' Hannelly

Sample Identity	PRIO_BF01										Method Code	LoD/Units
Depth (m)												
Sample Type	SOLID											
Sampled Date	21.01.08											
Sample Received Date	23.01.08											
Batch	1											
Sample Number(s)	7-9											
Antimony	2.2										TM129	<1.5 mg/kg
Arsenic	6										TM129#M	<3.0 mg/kg
Barium	87										TM129#M	<6.0 mg/kg
Beryllium	<0.4										TM129	<0.4 mg/kg
Cadmium	0.9										TM129	<0.3 mg/kg
Chromium	35										TM129#M	<4.5 mg/kg
Copper	22										TM129#	<6 mg/kg
Lead	32										TM129#M	<2 mg/kg
Mercury	<0.6										TM129#M	<0.6 mg/kg
Molybdenum	2.9										TM129#M	<0.6 mg/kg
Nickel	36										TM129#M	<0.9 mg/kg
Selenium	<3										TM129#M	<3 mg/kg
Vanadium	34										TM129#M	<1.5 mg/kg
Zinc	77										TM129#M	<2.5 mg/kg
ANC at pH4	2.6										TM182#	<0.03 mol/kg
ANC at pH6	0.33										TM182#	<0.03 mol/kg
Total Organic Carbon	6.4										TM132#M	<0.2 %
Flashpoint	>70										PENDING	Degrees C
Loss on Ignition	1.6										TM018#M	<0.3 %
pH Value	8.67										TM133#M	<1.00 pH Units
EPH (DRO) (C10-C40)	<35										TM061#M	<35 mg/kg
EPH (DRO) (C10-C40) % Surrogate Recovery	110										TM061#M	%
Mineral Oil	27										TM061*	<1 mg/kg
Mineral Oil % Surrogate Recovery	92										TM061*	%
GRO (C4-C10)	<10										TM089	<10 ug/kg
GRO (C10-C12)	<10										TM089	<10 ug/kg
Benzene	<10										TM089#M	<10 ug/kg
Toluene	<10										TM089#M	<10 ug/kg
Ethyl benzene	<10										TM089#M	<10 ug/kg
m & p Xylene	<10										TM089#M	<10 ug/kg
o Xylene	<10										TM089#M	<10 ug/kg

All results expressed on a dry weight basis.

Date 04.02.2008

Validated ☑
Preliminary ☐

ALcontrol Laboratories Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 08/01512/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Edel O' Hannelly

Sample Identity	PRIO_BF01									Method Code	LoD/Units
Depth (m)											
Sample Type	SOLID										
Sampled Date	21.01.08										
Sample Received Date	23.01.08										
Batch	1										
Sample Number(s)	7-9										
Sum m&p and o Xylene	<10									TM089	<10 ug/kg
Sum of BTEX	<10									TM089	<10 ug/kg
MTBE	<10									TM089#	<10 ug/kg
Coronene	<2									TM154	<2 mg/kg

All results expressed on a dry weight basis.

Date 04.02.2008

Validated ☑
Preliminary ☐

ALcontrol Laboratories Analytical Services
Table Of Results

\# ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 08/01512/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Edel O' Hannelly

Sample Identity	PRIO_BF01	Method Code	LoD/Units
Depth (m)			
Sample Type	SOLID		
Sampled Date	21.01.08		
Sample Received Date	23.01.08		
Batch	1		
Sample Number(s)	7-9		
PAH by GCMS			
Naphthalene	89	TM074#M	<10 ug/kg
Acenaphthylene	<5	TM074#M	<5 ug/kg
Acenaphthene	40	TM074#M	<14 ug/kg
Fluorene	24	TM074#M	<12 ug/kg
Phenanthrene	81	TM074#M	<21 ug/kg
Anthracene	12	TM074#M	<9 ug/kg
Fluoranthene	89	TM074#M	<25 ug/kg
Pyrene	74	TM074#M	<22 ug/kg
Benz(a)anthracene	37	TM074#M	<12 ug/kg
Chrysene	72	TM074#M	<10 ug/kg
Benzo(b)fluoranthene	52	TM074#M	<16 ug/kg
Benzo(k)fluoranthene	33	TM074#M	<25 ug/kg
Benzo(a)pyrene	28	TM074#M	<12 ug/kg
Indeno(123cd)pyrene	22	TM074#M	<11 ug/kg
Dibenzo(ah)anthracene	10	TM074#M	<8 ug/kg
Benzo(ghi)perylene	32	TM074#M	<10 ug/kg
PAH 16 Total	700	TM074#M	<25 ug/kg

All results expressed on a dry weight basis.

Date 04.02.2008

Validated ☑
Preliminary ☐

ALcontrol Laboratories Analytical Services
Table Of Results

ISO 17025 accredited
M MCERTS accredited
* Subcontracted test
» Shown on prev. report

Job Number: 08/01512/02/01 **Matrix:** SOLID
Client: URS Ireland Limited **Location:** PRIORY S/S
Client Ref. No.: **Client Contact:** Edel O' Hannelly

Sample Identity	PRIO_BF01									Method Code	LoD/Units
Depth (m)											
Sample Type	SOLID										
Sampled Date	21.01.08										
Sample Received Date	23.01.08										
Batch	1										
Sample Number(s)	7-9										
PCB 7 Congeners											
PCB congener 28	<1									TM168	<1 ug/kg
PCB congener 52	<1									TM168	<1 ug/kg
PCB congener 101	<1									TM168	<1 ug/kg
PCB congener 118	<1									TM168	<1 ug/kg
PCB congener 153	<1									TM168	<1 ug/kg
PCB congener 138	<1									TM168	<1 ug/kg
PCB congener 180	<1									TM168	<1 ug/kg
Total of 7 Congener PCBs	<1									TM168	<1 ug/kg

All results expressed on a dry weight basis.

Date 04.02.2008