

Appendix L

Removal of mercury

ACIDS 1 AREA									
Plant	Location	Type	Make	Tag	Access	Date removed	Counter Do	To	No. of Hg Devices Found
ADN	Control room door	Elect socket	?	?	OK	04/09/2009			1
ADN	Control room ducting above panel	Temp controller Hg bottle ? No Hg switch.	?	?	Ladder	04/09/2009			1
ADN	Demin Head Tank	Hg/Steel	N & Z	T7790	OK	02/09/2009			1
GROUND FLOOR									
Acids	Metafilters	HG/Steel	N&Z	?	OK	26/08/2009			1
	West wall adj door	HG/Steel	Taylor	?	Scaffold	03/12/2009			1
	Vessel W of Col 79	HG/Steel	N&Z	?	OK	26/08/2009			1
	East end Col C1	HG/Steel	N&Z	?	OK	26/08/2009			1
				?					1
Reaction	N2 Hot condit Tank	HG/Steel	N&Z	?	OK	04/09/2009			1
Reaction	Boric Disolver	HG/Steel	Taylor	?	OK	04/09/2009			1
Reaction	Semi-glazed room Adj PIC 7860, North wall	HG/Steel	?	?	OK	04/09/2009			1
Service Trench	Inst Cabinet behind E transformer	Elect socket			OK	13/08/2009			1
Service Trench	Inst Cabinet behind E transformer	HG/Steel	3 HG/Steel lines necked off in cabinet.			02/12/2009			3
Wet Melt	West side of concrete plinth	HG/Steel	N&Z	?	OK	08/09/2009			1
Wet Melt	No 1 80% HMD Tank	HG/Steel	N&Z	TIC 8801	OK	08/09/2009			1
Wet Melt	No 2 80% HMD Tank	HG/Steel	N&Z		OK	08/09/2009			1
Wet Melt	Filtered Salt Storage.	HG/Steel	N&Z	TIC 8804	OK	08/09/2009			1
Wet Melt	2 Million Storgage	HG/Steel	?	?	OK	07/09/2009			1
1st FLOOR									
Plant	Location	Type	Make	Tag	Access	Date removed	Counter		
Salt	1st Salt Blend Tank	HG/Steel	N&Z	TIC 1802	OK	27/08/2009			1
Salt	2nd Salt Blend Tank	HG/Steel	N&Z	TIC 1803	OK	27/08/2009			1
	Tx and as much capillary removed as possible. Capillary crushed and remnant tagged as containing Hg.								
Salt	3rd Salt Blend Tank	HG/Steel	N&Z	TIC 1804	OK	27/08/2009			1
Salt	4th Salt Blend Tank	HG/Steel	N&Z	TIC 1805	OK	27/08/2009			1
Salt	West wall, No1 MSR Vessel	HG/Steel	Taylor	?		01/12/2009			1
Salt	No2 MSR Vessel	HG/Steel	N&Z	?		01/12/2009			1
Salt	Filtered Feed Tank	HG/Steel	N&Z	?	No, Bulb on vessel on G/F.	01/12/2009			1
Crude 2	Crude Filtrate Tk (381)	HG/Steel	N & Z	?		01/12/2009			1
Crude 2	NW Staircase	Hg Manometer type	Kent	?	OK	01/12/2009			1
Crude 1	Control Room	Fire Alarm Relay box	Hg switches	?	OK	13/08/2009			1
Crude 1	Demin Hot Water Tank	Hg/Steel	N & Z	Tic 1807	Ladder	03/12/2009			1
2nd FLOOR									
Crude 1	E Wall Adj Ptr 1840	Hg Switches	PSW	?	OK	13/08/2009			1
Crude 1	E Wall Adj Ptr 1840	Hg Switches	PSW	?	OK	13/08/2009			1
3rd FLOOR									
Crude 1	N of Cu dissolvers	Run of capillary	?	?	OK	03/12/2009			1
Wet Melt	E Wall adj Control Panel	Hg/Steel	Taylor	?	OK	02/09/2009			1
4th FLOOR									
5th FLOOR									

TTE TRAINING SCHOOL								
Plant	Location	Type	Make	Tag	Access	Date removed	Counter	
TTE	Process Training Rig	Hg/Steel	Foxboro Tx		OK	01/09/2009		1
TTE	Process Training Rig	Hg/Steel	Cambridge		OK	01/09/2009		1
TTE	Process Training Rig	Hg/Steel	Foxboro Tx		OK	01/09/2009		1
TTE	Process Training Rig	Hg/Steel	Taylor		OK	01/09/2009		1
NORTH AREA Hg FILLED INSTRUMENTS TRACKER								
Plant	Location	Type	Make	Tag	Access	Date removed	Counter	
KA	No.1 Dycal Storage	HG/Steel	Taylor	TIC 593	OK	27/07/2009		1
KA	No.2 Dycal Storage	HG/Steel	Taylor		OK	28/07/2009		1
KA	No.3 Dycal Storage	HG/Steel	Taylor		OK	27/07/2009		1
KA	No.8 KA Storage	HG/Steel	N & Z		OK	27/07/2009		1
KA	No.9 KA Storage	HG/Steel	N & Z		OK	27/07/2009		1
KA	Nth Anal. House Duct	Thermo. Valve			Step ladder	23/07/2009		1
KA	Sth Anal. House Duct	Thermo. Valve			Step ladder	23/07/2009		1
KA	Nth Econ. Cond.	HG/Steel	Taylor	TIC 312-1	Scaff. Req.	05/08/2009		1
KA	No.1 Cryst Cond.	HG/Steel	Taylor	TIC 436-1	OK	28/07/2009		1
KA	Centrifuge House	HG/Steel	Taylor	TIC 446	Step ladder	04/08/2009		1
HMD Stor.	No.4 HMD Solution Tk.	Temp Ind. Controller			OK	22/07/2009		1
SERVICES								
Plant	Location	Type	Make	Tag	Access	Date removed	Counter	
TTE	NW Corner, car park	Manometer	Foxboro	?	OK	15/06/2009		1
North Area	E of H2 compressors	Hg Switch	?	?	OK	15/06/2009		1
North Area	No.7 & No.8 Air Comp.	Hg Switches	Londex relays	?	OK	27/08/2009		4
Water Treatment	Control Panel	Electrical H/g switched sockets	?	?	OK	01/07/2009		1
Water Treatment	North H1 Unit	Possible Hg Lute.	?	?	OK	No Hg in lute 09/07/09		1
Water Treatment	W wall N of access door	Hg Manometer	?	?	OK	03/08/2009		1
Water Treatment	Blue vessel W side of building	Temp Indicator	Rototherm	?	OK	04/08/2009		1
Water Treatment	No 2 Storage Demin/Deionised	Temp Indicator	Rototherm	?	OK	03/08/2009		1
Water Treatment	No 3 Storage Cooled Condy	Temp Indicator	Rototherm	?	OK	03/08/2009		1
Water Treatment	E wall treatment tank	Hg Manometer	?	?	OK	03/12/2009		1
								1
HMD Tank farm	#4 HMD TK	Temp Cont	Taylor 440	?	OK	22/07/2009		1
HMD Tank farm	#4 HMD TK	Manometer	?	?	OK	22/07/2009		1
HMD Tank farm	85% Stge TK	Manometer	?	?	OK	22/07/2009		1
Pipe Trench	Adjacent to #1 gateKA	Temp Indicator	Rototherm	?	OK	23/07/2009		1
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.1 LL Pump Heater Relay	OK	29/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.1 HL Pump Heater Relay	OK	29/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.2 LL Pump Heater Relay	OK	29/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.2 HL Pump Heater Relay	OK	29/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.3 LL Pump Heater Relay	OK	29/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.3 HL Pump Heater Relay	OK	29/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.4 LL Pump Heater Relay	OK	30/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.4 HL Pump Heater Relay	OK	30/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.5 LL Pump Heater Relay	OK	30/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.5 HL Pump Heater Relay	OK	30/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.6 LL Pump Heater Relay	OK	30/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.6 HL Pump Heater Relay	OK	30/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	2 Relay switches	Hg in Glass	No.7 LL Pump Heater Relay	OK	30/07/2009		2
No1 Cooling Tower	Control Room Rear Panel	1 Relay switch	Hg in Glass	Spare	OK	30/07/2009		1

OLD NYLON OFFICES & LABS								
Plant	Location	Type	Make	Tag	Access	Date removed	Counter	
Polymer Reseach Lab.	South end of lab in fume cupboard	Stop/Start:- Hg Switch			OK	20/08/2009		1
Polymer Reseach Lab.	South end of lab in fume cupboard	Stop/Start:- Hg Switch			OK	20/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	Rototherm		OK	19/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	Rototherm		OK	19/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	N & Z		Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	N & Z		Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	N & Z		Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	N & Z		Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	N & Z		Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 1	temperature ind.	N & Z		Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 1	Thermo. Valve			Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 1	Thermo. Valve			Step Ladder	19/08/2009		1
Nylon Offices	Calorifier Room 2	temperature ind.	N & Z		Step Ladder	07/08/2009		1
Nylon Offices	Calorifier Room 2	temperature ind.	N & Z		Step Ladder	07/08/2009		1
Nylon Offices	Calorifier Room 2	temperature ind.	N & Z		Step Ladder	07/08/2009		1
Nylon Offices	Calorifier Room 2	temperature ind.	N & Z		Step Ladder	07/08/2009		1
Nylon Offices	Calorifier Room 2	temperature ind.	N & Z		Step Ladder	07/08/2009		1
DEN Offices	Calorifier Room 3	temperature ind.	N & Z		Step Ladder	07/08/2009		1
DEN Offices	Calorifier Room 3	temperature ind.	N & Z		Step Ladder	07/08/2009		1
DEN Offices	Calorifier Room 3	temperature ind.	N & Z		Step Ladder	07/08/2009		1
DEN Offices	Calorifier Room 3	Temp Cont	N & Z		OK	06/08/2009		1
DEN Offices	Calorifier Room 3	Temp Cont	Taylor 440		OK	06/08/2009		1
DEN Offices	Calorifier Room 3	Temp Cont	Taylor 440		OK	17/02/2010		1
DEN Offices	Calorifier Room 3	temperature ind.	Rototherm		OK	17/02/2010		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	17/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	17/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	17/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	17/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	17/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	18/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	18/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	18/08/2009		1
Nylon Offices	Calorifier Room 4	temperature ind.	N & Z		Scaff-Tag Req	18/08/2009		1
Nylon Offices	Calorifier Room 4	Temp Cont. Valve	N/A		OK	18/08/2009		1
Nylon Offices	Calorifier Room 4	Temp Cont. Valve	N/A		OK	18/08/2009		1
Nylon Offices	Calorifier Room 5	temperature ind.	N & Z		Step Ladder	20/08/2009		1
Nylon Offices	Calorifier Room 5	temperature ind.	N & Z		Step Ladder	20/08/2009		1
Nylon Offices	Calorifier Room 5	temperature ind.	N & Z		Step Ladder	20/08/2009		1
Nylon Offices	Calorifier Room 5	temperature ind.	N & Z		Step Ladder	20/08/2009		1
Nylon Offices	Calorifier Room 5	temperature ind.	N & Z		Step Ladder	20/08/2009		1
Nylon Offices	Calorifier Room 5	temperature ind.	N & Z		Step Ladder	20/08/2009		1
Nylon Offices	Calorifier Room 5	temperature ind.	Ascroft		OK	20/08/2009		1
Nylon Offices	Calorifier Room 6	temperature ind.	N & Z		Step Ladder	21/08/2009		1
Nylon Offices	Calorifier Room 6	temperature ind.	N & Z		Step Ladder	21/08/2009		1
Nylon Offices	Calorifier Room 6	temperature ind.	N & Z		Step Ladder	21/08/2009		1
Nylon Offices	Calorifier Room 6	temperature ind.	Rototherm		OK	18/08/2009		1
Nylon Offices	Calorifier Room 6	temperature ind.	Brentford		OK	18/08/2009		1
NCC	Calorifier Room 7	CLEAR						
KA	Calorifier Room 8	HG/Steel	N & Z	?	Step ladder	21/07/2009		1
KA	Calorifier Room 8	HG/Steel	N & Z	?	Step ladder	21/07/2009		1
KA	Calorifier Room 8	HG/Steel	N & Z	?	Step ladder	21/07/2009		1
KA	Calorifier Room 8	HG/Steel	N & Z	?	Step ladder	21/07/2009		1
KA	Calorifier Room 8	Thermo. Valve	Spirex Sparco(Red)	?	Step ladder	21/07/2009		1
KA	Calorifier Room 8	Thermo. Valve	Spirex Sparco(Blue)	?	Step ladder	21/07/2009		1
KA	Calorifier Room 8	Thermo. Valve	Drayton Regulator	?	Step ladder	21/07/2009		1
KA	Calorifier Room 8A	temperature ind.	BSS		OK	06/08/2009		1
KA	Calorifier Room 8A	temperature ind.	BSS		OK	06/08/2009		1
Acids 1	Calorifier Room 9	CLEAR						
Nitrics	Calorifier Room 10	CLEAR						
Salt 2	Calorifier Room 11	CLEAR						1
Acids 2	Calorifier Room 12	CLEAR						1
HMD	Calorifier Room 13	CLEAR						1
								1
NITRIC								
Plant	Location	Type	Make	Tag	Access	Date removed	Counter	
Nitric 3	Filter House Wall	Manometer	?	?	OK	31/07/2009		1
Nitric 3	NH3 Vaporiser	temperature ind x 2	Rototherm	53704	OK	31/07/2009		1
Nitric 3	NH3 Vaporiser	temperature ind x 2	Rototherm	53716	OK	31/07/2009		1
Nitric 3	NH3 Compressor	temperature indicators x 8	Rototherm	?	OK	31/07/2009		8
Nitric 3	N2/Air pre-heater	Manometer	?	53147	OK	N/A Water		
Nitric 3	Ground fl R1 Cooler	Temp Indicators	Rototherm	53154	Scaff. Req	17/08/2009		1
Nitric 3	Ground fl R1 Cooler	Temp Indicators	Rototherm	53155	Scaff. Req	17/08/2009		1
Nitric 3	Ground fl R1 Cooler	Temp Indicators	Rototherm	53156	Scaff. Req	17/08/2009		1
Nitric 2	NH3 Vaporiser	temperature ind x 2	Rototherm	52704	OK	03/08/2009		1
Nitric 2	NH3 Vaporiser	temperature ind x 2	Rototherm	52716	OK	03/08/2009		1
Nitric 2	N2/Air pre-heater	Manometer	?	52417	OK	N/A Water		1
Nitric 2	NH3 Compressor	temperature indicators x 8	Rototherm	?	OK	03/08/2009		8

Appendix L

Removal of mercury – Wilton nylon Laboratory Decommissioning

Wilton Nylon Laboratory Decommissioning Report

23rd December 2009

SCOPE

The report covers all laboratories, offices, other work areas, stores, wash rooms and mess rooms within the Nylon Laboratory building and its external storage areas.

The report documents the safe removal of all laboratory chemicals, reagents, samples, cleaning materials and waste streams in the 'Removal checklist' section of this report. Soap and hand cream dispensers and their contents are not included and these remain in situ.

The report also documents the safe removal of portable electrical equipment, analytical equipment and spares, safety equipment, IT equipment, other general non-fixed equipment and documentation in the 'Removal checklist' section of this report. In cases where it has not be practicable to remove equipment it has been detailed in the 'Exceptions' section of this report.

EHS

Invista corporate and site procedures were followed during the decommissioning to ensure that all work was carried out in a safe manner and that chemicals and wastes were disposed via the most appropriate route.

In order to reduce the impact on the environment and the volume of waste, unused chemicals and reagents were transferred to other Invista laboratories and in some cases chemicals were transferred to a chemical supplier.

Mercury and mercury containing equipment have been disposed of via an approved route organised by the site waste officer. A mercury survey of the laboratories was carried out to determine the location of residual mercury. Details and results of the survey and results are included in this report.

Where decontamination was not safe or practicable to carry out then the real or potential remaining hazards have been identified in the 'Fume cupboard' and 'Mercury' sections of this report.

SERVICES

All services have been isolated and made safe by the site electricians and services group as appropriate.

Compressed gas cylinders have been returned to BOC and Gaffneys have removed all regulators and hoses from systems.

FUME CUPBOARDS

Electrical supply to the fume cupboards has been isolated via the main isolation to the laboratory.

Fume cupboards were cleaned internally to remove obvious chemical contamination from surfaces. Fume cupboard ducts were not cleaned and it should be noted that there may be toxic, corrosive and organic residues within these ducts.

There is a known issue with condensate/water ingress from the ducts dripping into the some of the fume cupboards leaving a brown liquid. It is expected that this will continue after exiting the building.

MERCURY SURVEY

A mercury survey of the laboratory was carried out using a rented Jerome model 405 portable mercury analyser. The analyser was regenerated before each area was surveyed. The zero was checked with a zero filter before each survey with results typically 0.5 to 0.7ug/m³. Background levels in the general lab areas were typically 0.6 to 0.8ug/m³.

The analyser was very sensitive - a 10ml volume of mercury under approximately 200ml water in a 500ml poly sample bottle gave high readings of >800ug/m³ up to the saturation point of 999ug/m³ at the neck of the bottle. Insertion into the bottle gave saturated results.

All of the working areas in the laboratory building have been surveyed including storage areas. The laboratories were surveyed on a bench by bench basis taking 4 readings across the top of the bench and at floor level focussing on any areas of broken surface.

Storage areas were surveyed around the edges of the room plus under shelves etc. where a visual check was not possible.

Each sink was surveyed by inserting the analyser probe 30 to 40cm into the plug hole plus a reading below the sink. The same approach was used for fume cupboards with 3 readings at bench level and floor level. The circular water and steam 'collectors' located in fume cupboards, on side benches and in the centre of main benches are referred to as 'basins' in the survey results. There is a wide range of plumbing throughout the building from the relatively straightforward plastic screw-type to a glass type which are connected and sealed with bolted flanges (generally very rusty). Some areas do not have any obvious access.

The results of the survey can be found below. Only readings above 5ug/m³ have been recorded, typically readings were <1ug/m³ in unaffected areas. When readings were detected >5ug/m³ a further 2 repeats were carried out to give a total of 3 recorded readings. Results greater than the HSE EH40 limits of 25ug/m³ have been recorded in red.

There were no positive visual evidence of mercury found during the survey.

The mercury 'hot spots' have been physically tagged so that the locations of the residual mercury can be identified. Tag identifications are included in the results table

Location	Tag Reference	Reading 1 (ug/m3)	Reading 2 (ug/m3)	Reading 3 (ug/m3)
Laboratory 1 (Shift Lab)				
Bench 11A/B east sink	LAB1-11A/B-EAST SINK	26.7	17.4	16.7
Bench 11A/B west sink	LAB1-11A/B-WEST SINK	394.0	279.4	252.6
Bench 10A/B west sink	LAB1-10A/B-WEST SINK	43.3	44.1	42.6
Centre bench drain	LAB1-CENTRE-DRAIN	21.7	20.4	22.1
East side bench north DM water sink	LAB1-EAST-NORTH DM SINK	241.2	367.1	234.9
East side bench south DM water sink	LAB1-EAST-SOUTH DM SINK	80.8	104.2	109.3
East side bench basin (north)	LAB1-EAST-NORTH BASIN	104.6	199.1	175.5
Fume cupboard I south basin	LAB1-FC I-SOUTH BASIN	9.0	13.2	10.6
Solutions Laboratory				
Bench 1A/B sink	SOL-1A/B SINK	11.0	11.1	9.2
Bench 2A/B sink	SOL-2A/B SINK	139.0	131.1	130.5
East end bench (distillation area) north basin	SOL-EAST-NORTH BASIN	348.5	341.0	427.5
Fume cupboard A TV water basin	SOL-FC A-TV BASIN	5.0	4.1	5.2
Fume cupboard A TV steam basin	SOL-FC A-STEAM BASIN	7.4	6.5	6.1
Fume cupboard B	SOL-FC B	5.4	6.3	4.7
Fume cupboard B TV water basin	SOL-FC B-TV BASIN	932.5	271.0	589.6
Fume cupboard B TV steam basin	SOL-FC B-STEAM BASIN	506.7	617.0	489.5
Laboratory 2 (redundant intermediates lab)				
West end bench south sink	LAB2-WEST-SOUTH SINK	19.1	19.0	19.1
Bench 2A/B sink	LAB2-2A/B-SINK	11.5	7.5	12.6
Bench 3A/B sink	LAB2-3A/B-SINK	329.2	466.5	644.1
Bench 4A/B sink	LAB2-4A/B-SINK	576.5	551.1	401.3
Bench 5A/B sink	LAB2-5A/B-SINK	7.2	6.5	6.4
Fume cupboard B centre glass basin	LAB2-FC B-CENTRE BASIN	41.8	48.8	47.1
Fume cupboard E glass basin	LAB2-FC E-BASIN	897.2	857.4	967.1
Fume cupboard I LHS glass basin	LAB2-FC I-LHS BASIN	159.1	235.2	327.4
Fume cupboard I RHS glass basin	LAB2-FC I RHS BASIN	54.1	62.1	58.1
Polymer Research Laboratory South				
South bench east basin	POLY S-SOUTH-EAST BASIN	32.7	34.1	36.2
South bench west sink	POLY S-SOUTH-WEST SINK	10.1	10.7	11.1
Bench 2 east basin	POLY S-2-EAST BASIN	12.3	12.9	11.9
Bench 2 west basin	POLY S-2-WEST BASIN	377.2	243.5	446.2
Bench 2 west sink	POLY S-2-WEST SINK	15.1	6.2	5.3
Bench 3 west sink	POLY S-3-WEST SINK	35.8	27.5	20.2
Fume cupboard I 2nd basin	POLY S-FC I-2ND BASIN	33.2	34.1	54.2
Fume cupboard I 4th basin	POLY S-FC I-4TH BASIN	55.2	62.8	65.4
Polymer Research Laboratory North				
Bench 1 east basin	POLY N-1-EAST BASIN	14.8	14.2	14.9
Bench 1 west basin	POLY N-1-WEST BASIN	55.5	47.8	48.2
Bench 1 east sink	POLY N-1-EAST SINK	57.2	35.0	42.0
Bench 2 east basin	POLY N-2-EAST BASIN	14.2	16.1	15.2
Bench 2 west basin	POLY N-2-WEST BASIN	7.3	7.7	8.2
Bench 2 west sink	POLY N-2-WEST SINK	55.2	55.1	57.0
Bench 3 east sink	POLY N-3-EAST SINK	70.1	50.3	48.2
Bench 5 east sink	POLY N-5-EAST SINK	10.2	11.7	12.1
Laboratory room 265				
Bench 2 (north) sink	RM 265-2-SINK	24.4	17.8	10.9

REMOVAL CHECKLIST

The check lists below details and confirms the removal of the specified items from each area of the building. Fume cupboards and mercury are not included as they are detailed in their own specific sections.

Key:

'Y' indicates removal

'N' indicates still present

'?' indicated under another work groups control

'N/A' indicates item not applicable to that area

[illegible]

Lab Building ground floor	Chemicals (lab, sample, analyser, cleaning)	Gas Cylinders & Regulators	Aerosols	Analytical Equipment	Portable electrical equipment	IT equipment	General Equipment/Tools	Fire extinguishers, BA & FA boxes	Eye wash bottles	Documents
Analysers Team Office	Y	N/A	Y	N/A	Y	Y	Y	N/A	N/A	Y
Analysers Team Workshop gas cylinder area	N/A	Y	N/A	N/A	N/A	N/A	Y	N/A	N/A	N/A
Analysers Team Workshop	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Ground floor retention area	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y
Lab 1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
GC lab	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Mess Room	Y	N/A	Y	N/A	Y	N/A	Y	Y	N/A	Y
Cylinder compound	N/A	Y	Y	Y	Y	N/A	Y	Y	N/A	N/A
Corridor adjacent to GC lab	N/A	N/A	Y	N/A	Y	N/A	Y	Y	N/A	Y
Offices	Y	Y	Y	Y	Y	Y	Y	N/A	N/A	Y
Store 17	Y	N/A	Y	N/A	Y	N/A	Y	Y	Y	N/A
Store 19	Y	N/A	Y	N/A	Y	N/A	Y	Y	Y	N/A
Toilets near lab store	Y	N/A	Y	Y	Y	Y	Y	Y	N/A	Y
Lab store	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Bottle store	Y	N/A	Y	Y	Y	Y	Y	N/A	N/A	N/A
Back Store	Y	N/A	Y	Y	Y	Y	Y	N/A	N/A	N/A
Equipment Store	N/A	N/A	Y	Y	Y	Y	Y	N/A	N/A	N/A
Lab 2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Annex	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Toilets between Lab 2 & Annex	Y	N/A	Y	Y	Y	Y	Y	Y	N/A	Y
Solutions Lab & consumables cupboards	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Drum store	Y	N/A	Y	N/A	N/A	N/A	N	N/A	N/A	N/A
Waste compound area	Y	N/A	Y	N/A	N/A	N/A	Y	Y	N/A	N/A

EXCEPTIONS

Room 253

This room is used by DCS team for storage of DCS related items. Items have not been removed at the request of the DCS team as they may be needed for DCS asset transfer in 2010.

ICP Room

This room still contains the ICP instrument plus some peripheral equipment. The instrument has been decontaminated and all associated chemicals and wastes have been removed. The associated IT equipment has also been removed.

Drum store

The drum store external to the laboratory contains empty 45 gallon steel drums and empty 25L polythene kegs.