



# Requirements for Sample Receipt

## Requirements for conforming Soil samples (based upon BS ISO 18512:2007)

Matrix	analyte(s)	Container	Wet or dry	Temp	Time	quantity
soil	mineral oil / TPH	glass or PE or PP	—	4°C ±2°C	7 days	200g
soil	pH	glass or PE or PP	wet	4°C ±2°C	1 week	100g
soil	pH	glass or PE or PP	dry	ambient	3 years	100g
soil	metals (except Hg)	glass or PE or PP	wet	4°C ±2°C	6 months	100g
soil	metals (except Hg)	glass or PE or PP	dry	ambient	30 years	100g
soil	Mercury	glass or PE or PP	Wet	4°C ±2°C	4 days	100g
soil	Fluoride, chloride, bromide, sulphate	glass or PE or PP	Wet	4°C ±2°C	1 month	100g
soil	Fluoride, chloride, bromide, sulphate	glass or PE or PP	Dry	Ambient	3 years	100g

Samples for waste acceptance criteria (WAC) testing are treated as a water sample at the end of the leaching process.

Note if chemical and asbestos testing are both requested – two separate samples are required

## Requirements for conforming Microbiology Samples

Matrix	analyte(s)	Bottle	Temp	Time	Quantity
water	Swimming Pool/SPA Suite	Sterile with neutralizer (i.e. Thiosulphate)	5°C ±3°C	Within 24hr of being taken	500ml
water	Potable Water Suite (Basic 4, Basic 5)	Sterile with neutralizer (i.e. Thiosulphate)	5°C ±3°C	Within 24hr of being taken	500ml
water	Legionella	Sterile with neutralizer (i.e. Thiosulphate)	Room Temp (in darkness)	Within 48hr of being taken	500ml
water	Single Tests; TVCs, E.coli, Pseudomonas, Total coliforms.	Sterile with neutralizer (i.e. Thiosulphate)	5°C ±3°C	Within 24hr of being taken	500ml

## Requirements for conforming Paint

Matrix	analyte(s)	Container	Temp	Time	Quantity
water	Lead and chromium paint should be separable from substrate)(	Sample bag	—	Within 24hr of being taken	500ml



# Requirements for Sample Receipt

Requirements for receipt of conforming water samples in Chemicals Department

Matrix	analyte(s)	bottle	Acidity	Temp	Time	quantity
water	pH	glass or PE	—	5°C ±3°C	1 day	100ml
water	mineral oil / TPH	glass	—	5°C ±3°C	1 day	500ml
water	mineral oil / TPH	glass	pH < 2	ambient	1 month	500ml
water	nitrate	glass or PE	—	5°C ±3°C	1 day	20ml
water	nitrate	glass or PE	pH < 2 (HCl)	ambient	7 days	20ml
water	phosphate	glass or PE	pH < 2	ambient	1 month	20ml
water	phosphate	glass or PE	—	5°C ±3°C	1 day	20ml
water	Bromide, Chloride, Fluoride, Sulphate	PE, glass	—	5°C ±3°C	1 month	20ml
water	pH / ammonia / phenol	glass or PE		5°C ±3°C	1 day	20ml
water	Al, Sb, Ba, Be, Ca, Co, Fe, Li, Mg, Mn, Mo, K, Se, Ag, Na, Sn, V	PE, PP	pH < 2	ambient	1 month	50ml
water	As, Cd, B, Cr, Cu, Pb, Hg, Ni, Zn	PE, PP	pH < 2	ambient	6 months	50ml
water	metals	PE, PP	—	5°C ±3°C	1 day	50ml
water	biological oxygen demand	plastic or glass	—	5°C ±3°C	1 day	250ml
water	dissolved organic carbon	plastic or glass	—	5°C ±3°C	1 day	250ml
water	dissolved organic carbon	plastic or glass	pH < 2	ambient	7 days	250ml
water	chemical oxygen demand	plastic or glass	pH < 2	ambient	7 days	250ml
water	chemical oxygen demand	plastic or glass	—	5°C ±3°C	1 day	250ml
water	Suspended solids	plastic or glass	—	5°C ±3°C	2 days	250ml
water for concrete manufacture	various	clean and sealed		ambient	14 days	2000ml