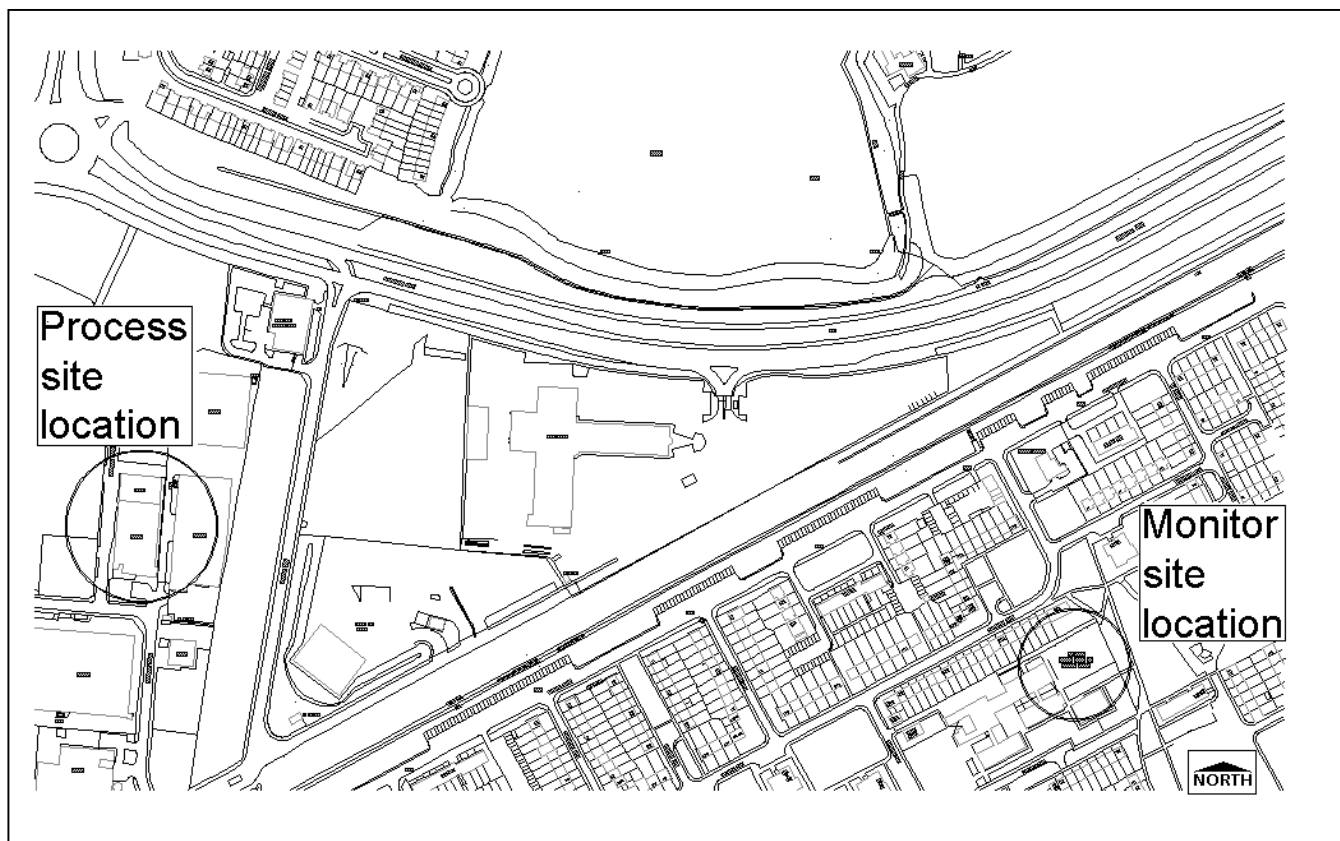


Site Code : 01
 Address : D' Lucy Primary School
 Cookhill Rd, London
 Postcode : SE2 9PD
 OS Grid Reference : 546705,179580

Industrial Process : A Cohen & Co. Ltd.
 Copper and Copper Alloy

Pollutants Measured : Pb, Cd, As, Ni, Hg



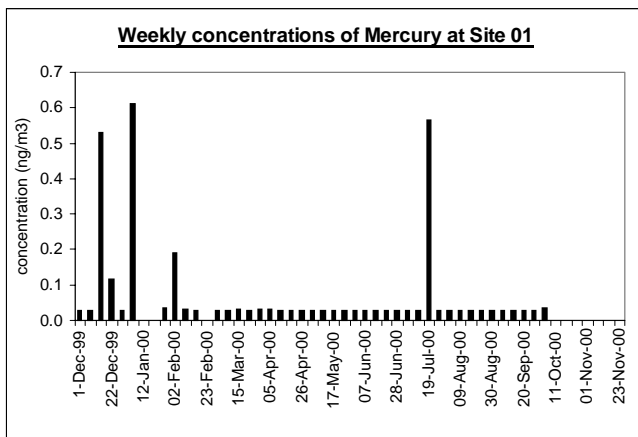
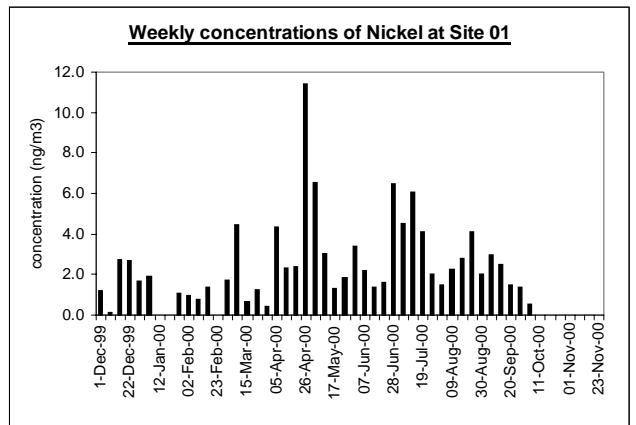
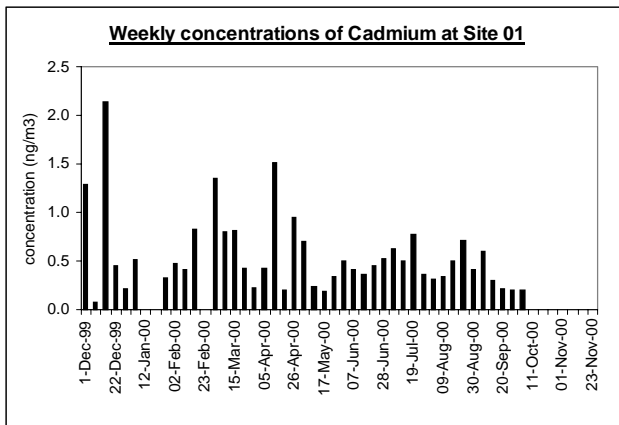
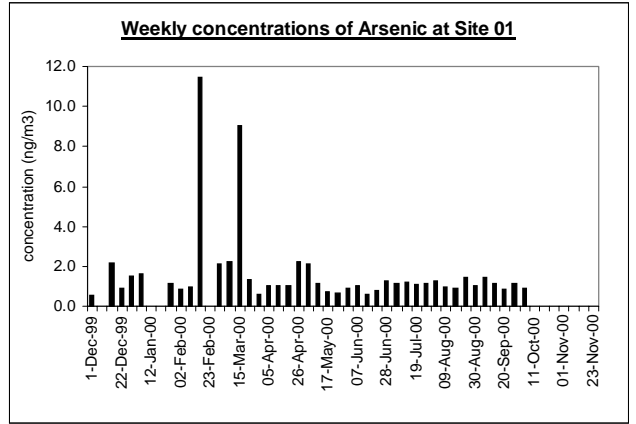
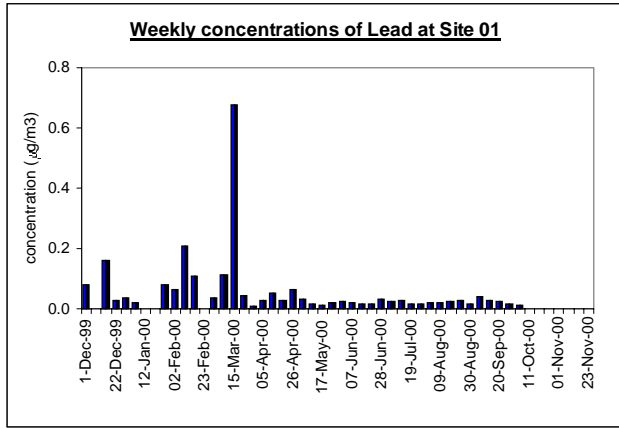
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Site description :

The monitoring station is located on the rooftop of a single-storey building within the grounds of a local primary school located within a residential area. The site is approximately 600m from the two stacks of the A Cohen & Co Ltd site.

Summary statistics (Particulate Phase)

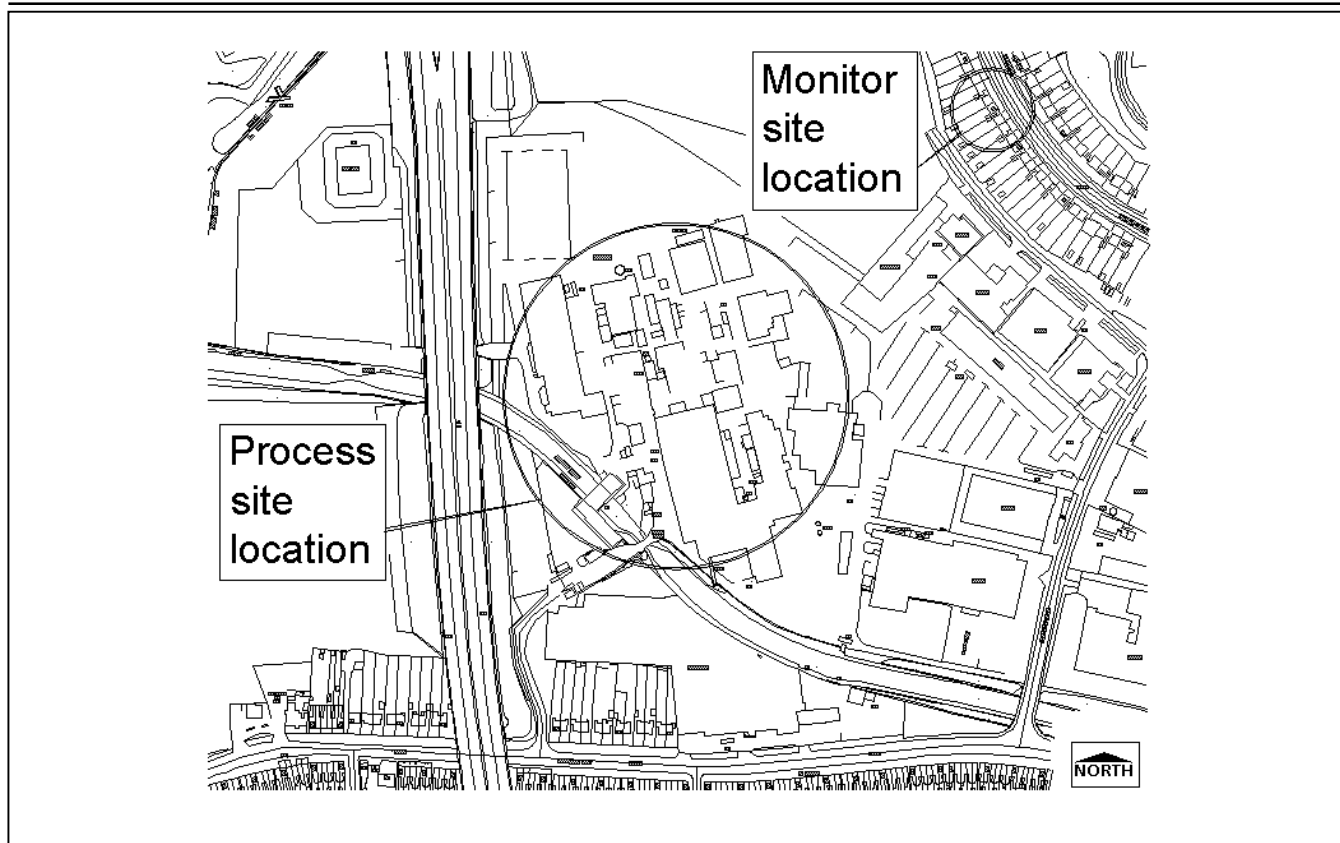
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|---|---|---|---|---|
| Annual mean | 0.056 | 1.59 | 0.55 | 2.61 | 0.07 |
| Min. weekly concentration | 0.001 | 0.06 | 0.07 | 0.14 | 0.06 |
| Max. weekly concentration | 0.68 | 11.44 | 2.14 | 11.42 | 0.61 |
| % data capture | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 02
 Address : 74 Primley Avenue
 Walsall
 WS2 9UW
 OS Grid Reference : 399530,297960

Industrial Process : IMI Refiners Ltd.
 Process type: Copper and Copper Alloy

Pollutants Measured : Pb, Cd, As, Ni, Hg



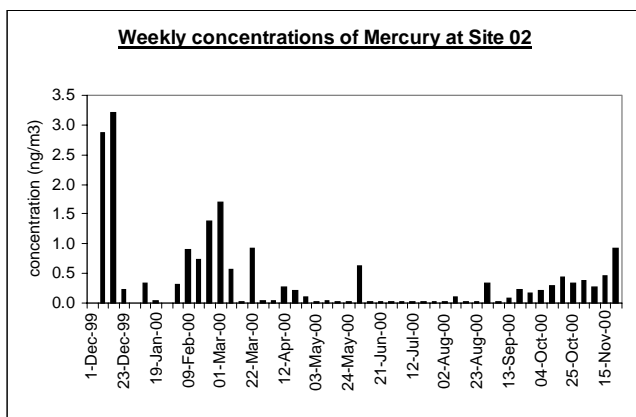
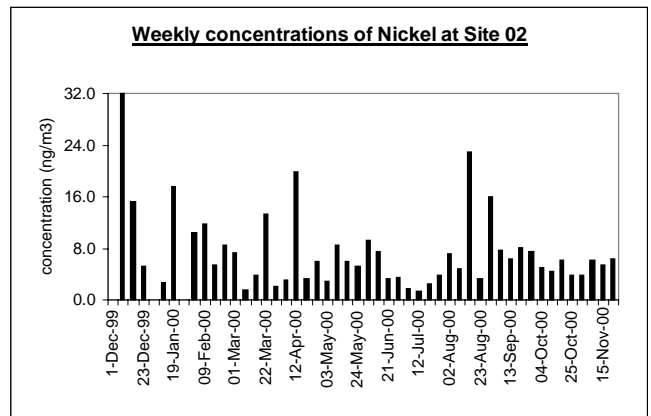
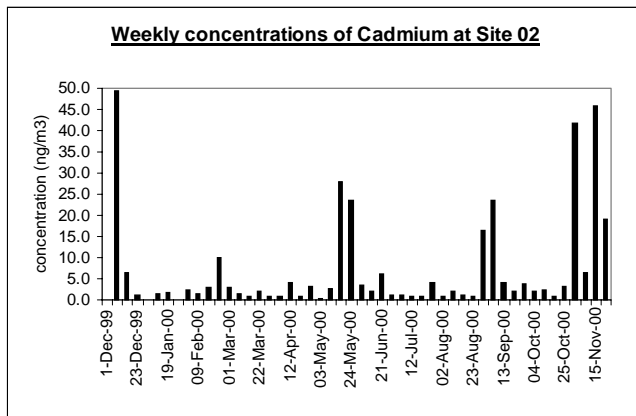
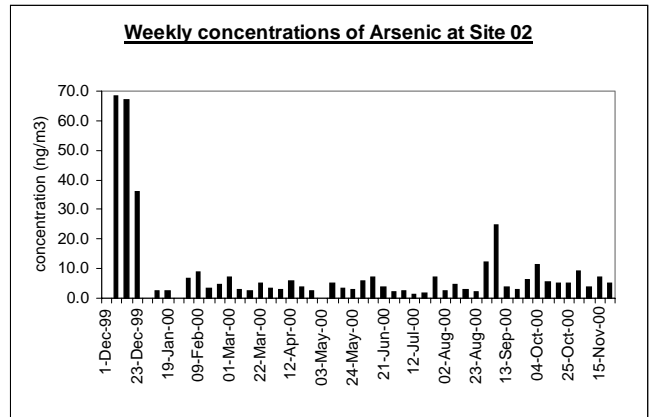
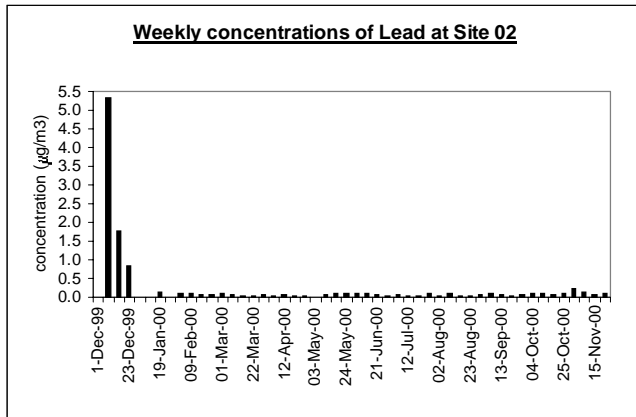
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Site description:

The monitoring station is located on the rooftop of a single-storey extension to a private residential house bordering the IMI works site on the north-eastern edge. The site is 150m NE of the main stack and 350m from the M6 motorway. The site is currently used for air quality monitoring by Walsall Metropolitan Borough Council and the area consists of mainly residential property with some mixed industrial sites.

Summary statistics (Particulate Phase)

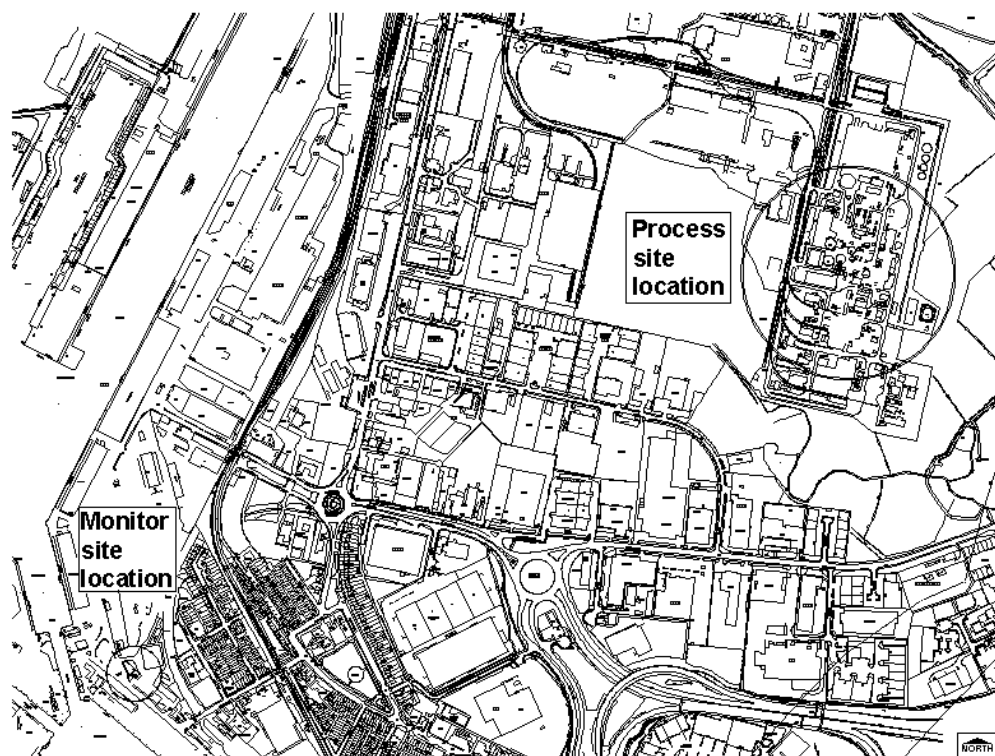
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.237 | 8.36 | 7.37 | 7.44 | 0.41 |
| Min. weekly concentration | 0.001 | 0.06 | 0.24 | 1.34 | 0.06 |
| Max. weekly concentration | 5.330 | 68.38 | 49.52 | 31.98 | 3.21 |
| % data capture | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 03
 Address : Avonmouth Medical Centre
 Collins Street, Bristol
 BS11 9JJ
 OS Grid Reference : 351245,178170

Industrial Process : Britannia Zinc Ltd
 Process type: Lead Producer / recycler

Pollutants Measured : Pb, Cd, As, Ni, Hg



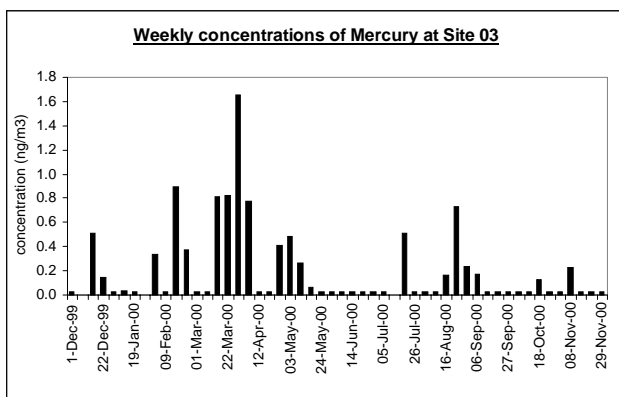
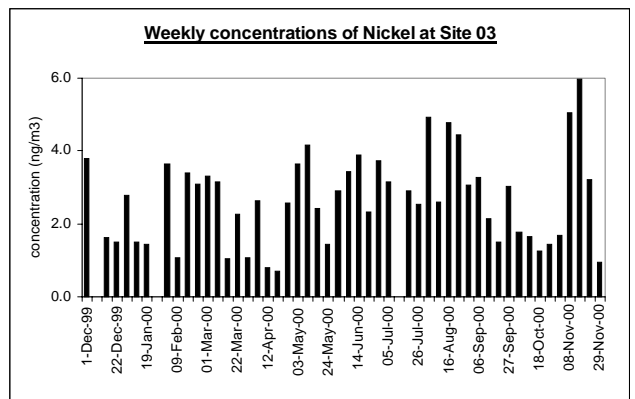
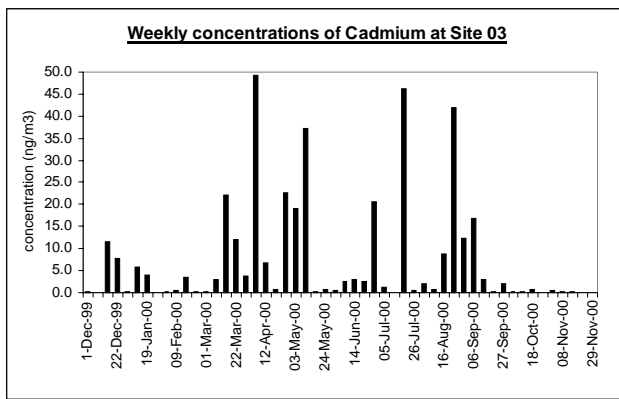
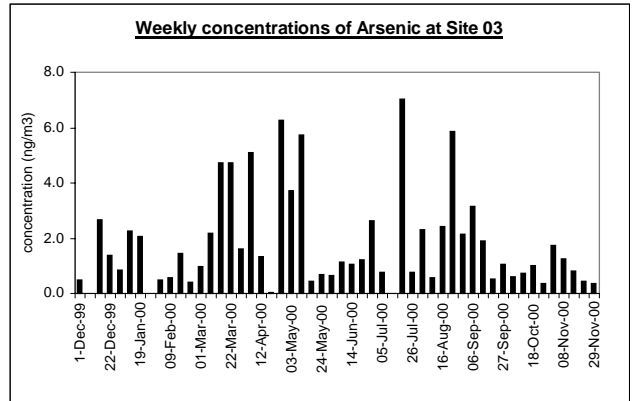
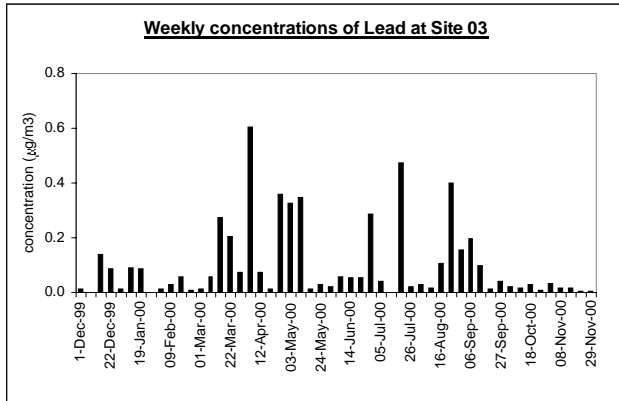
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Site description:

The monitoring station is located within the grounds of a local Health Centre located within a residential area. The site is approximately 1.3 km upwind from the Britannia Zinc plant.

Summary statistics (Particulate Phase)

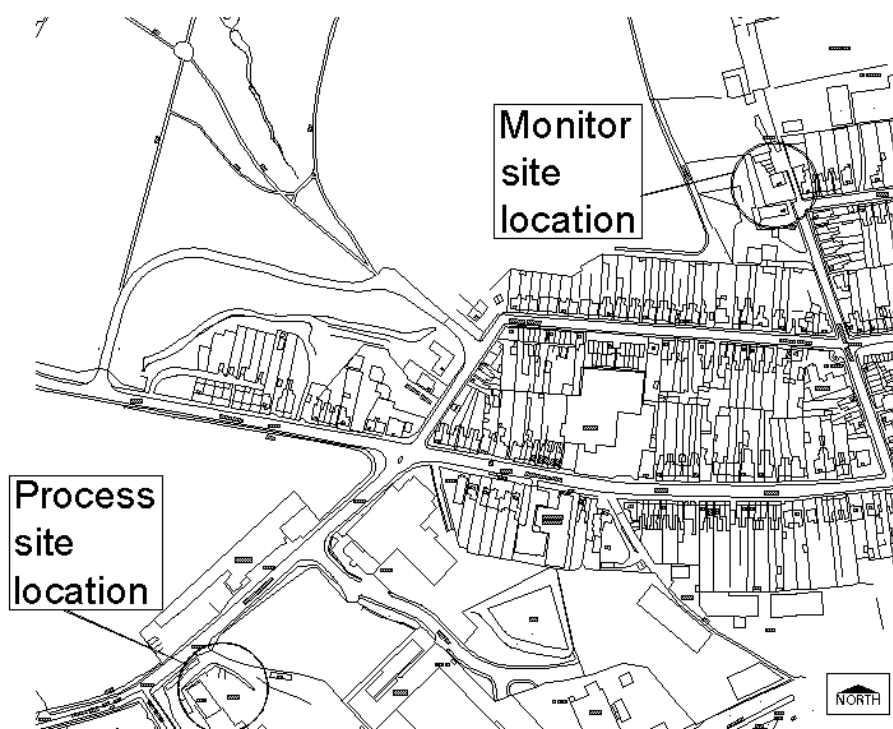
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.104 | 1.89 | 7.73 | 2.67 | 0.22 |
| Min. weekly concentration | 0.004 | 0.06 | 0.14 | 0.70 | 0.06 |
| Max. weekly concentration | 0.600 | 7.01 | 49.16 | 5.97 | 1.65 |
| % data capture | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 04
 Address : 61 Court Street
 Woodville, Swadlincote
 DE11 7JJ
 OS Grid Reference : 431020,319385

Industrial Process : Midland Lead Refiners
 Process type: Lead producer / recycling

Pollutants Measured : Pb, Cd, As, Ni, Hg



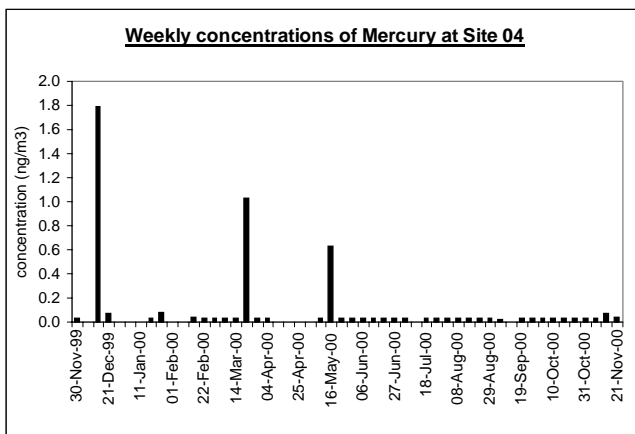
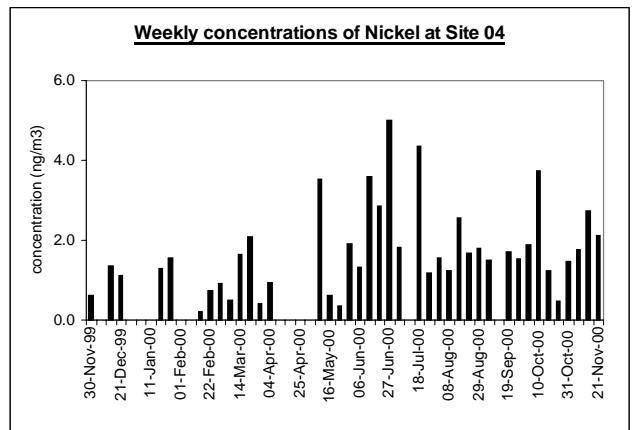
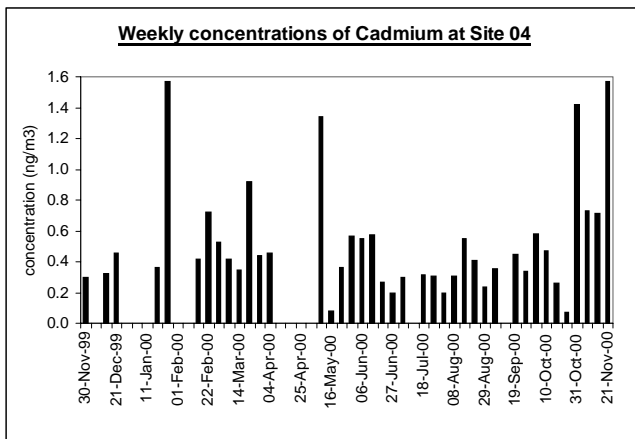
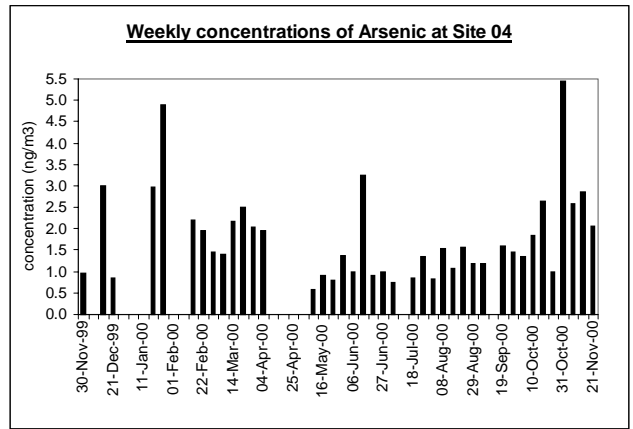
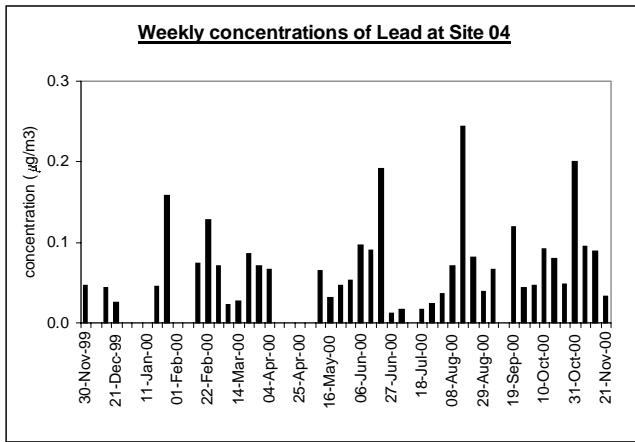
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Site description:

The monitoring station is sited in a field adjacent to a private residence, 550m NE from the main stack and approximately 20m higher than the plant. The location is on the fringe of a residential area towards the top of a small hill.

Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.072 | 1.78 | 0.52 | 1.72 | 0.12 |
| Min. weekly concentration | 0.012 | 0.59 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.24 | 5.45 | 1.57 | 5.00 | 1.79 |
| % data capture | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 05

Address : Lawn Primary School

High Street, Northfleet, Kent

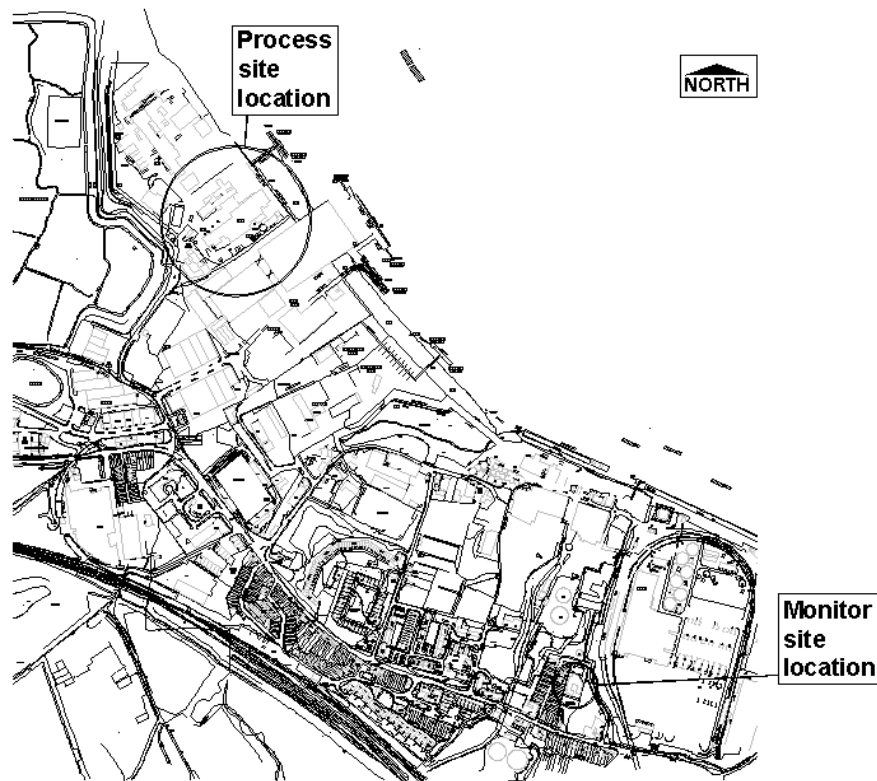
DA11 9HB

OS Grid Reference : 562130,174450

Industrial Process : Britannia Refined Metals

Process type: Lead producer / recycling

Pollutants Measured : Pb, Cd, As, Ni, Hg



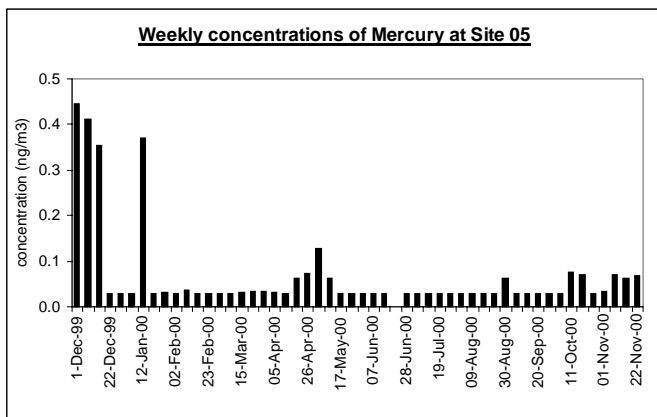
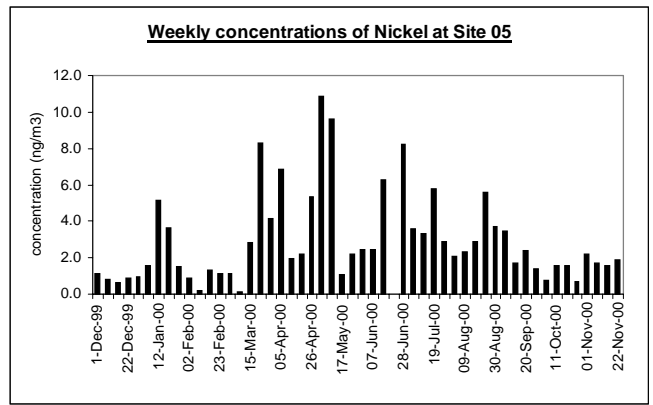
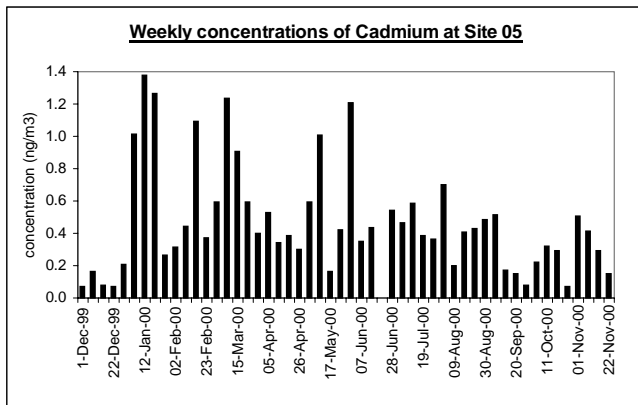
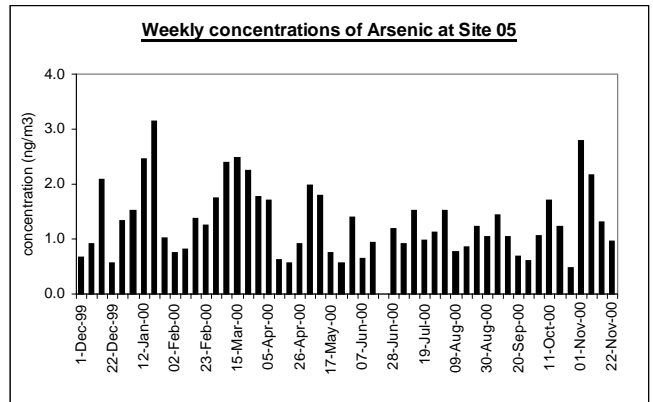
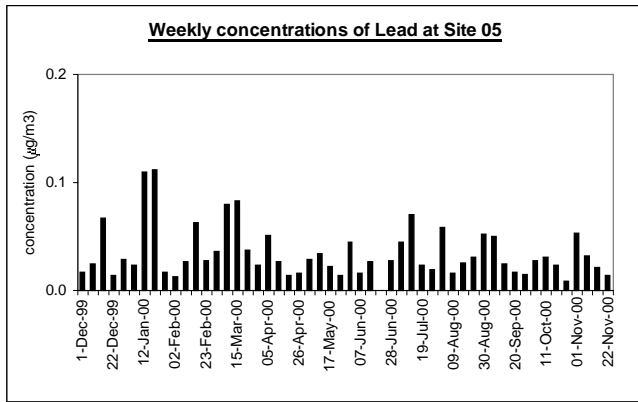
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Site description:

The monitoring station is located adjacent to an existing air quality monitoring station within the grounds of a small primary school located within a small residential area. The site is approximately 1 km downwind of the Britannia Refined Metals site.

Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.035 | 1.31 | 0.47 | 2.92 | 0.07 |
| Min. weekly concentration | 0.008 | 0.47 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.11 | 3.14 | 1.38 | 10.84 | 0.44 |
| % data capture | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 06

Address : High Stanton Farm

High Stanton, Scunthorpe

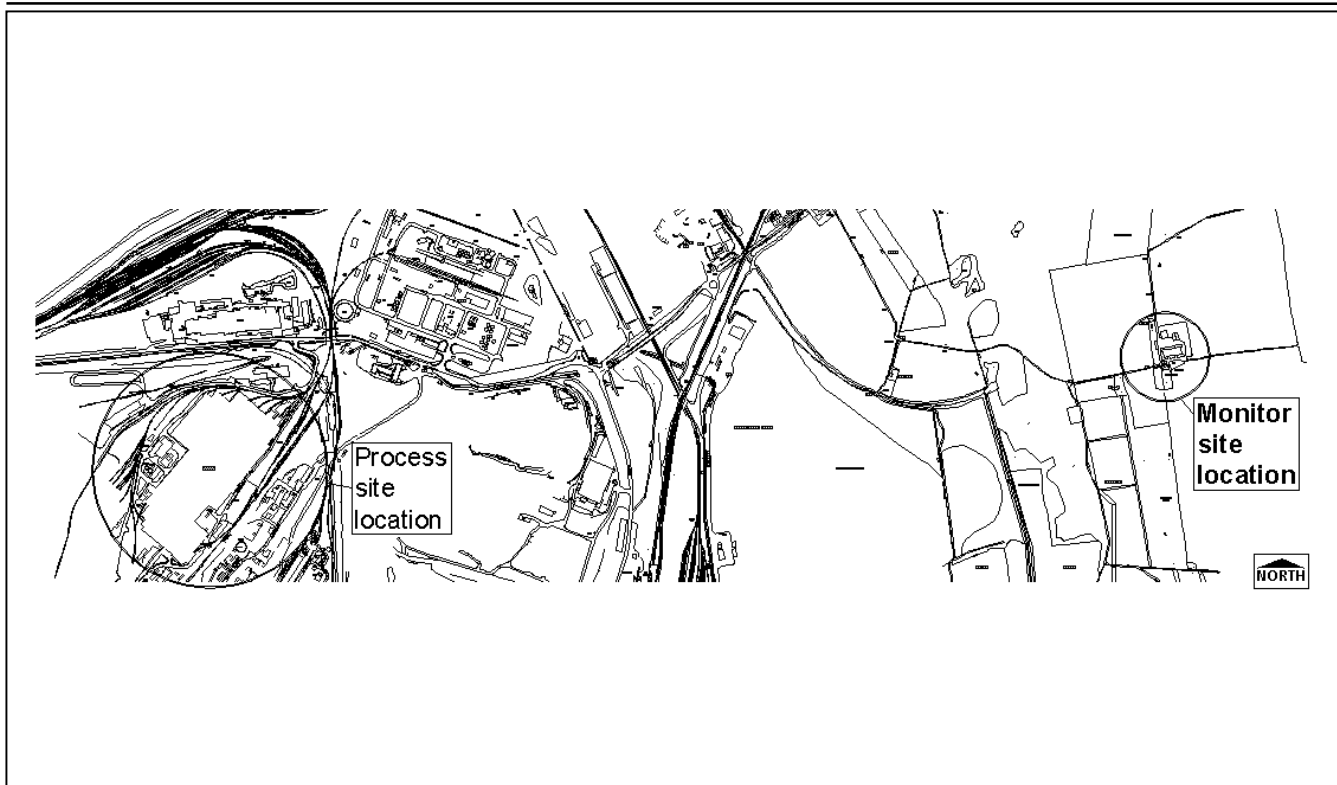
DN15 0DE

OS Grid Reference : 494040,411610

Industrial Process : Corus UK Ltd

Process type: Steel Industry

Pollutants Measured : Pb, Cd, As, Ni, Hg



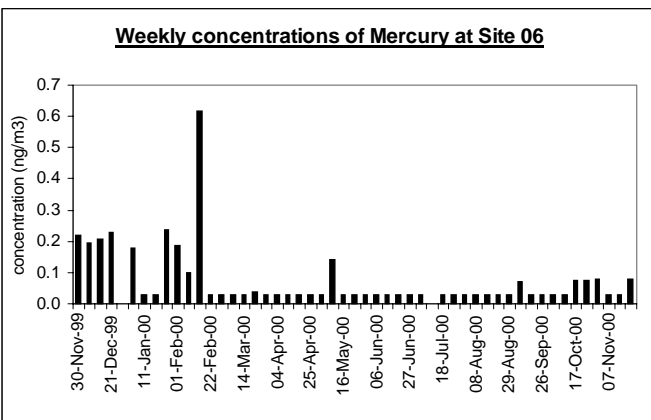
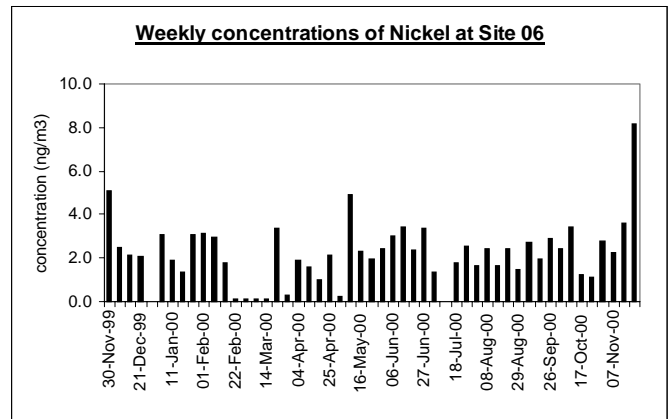
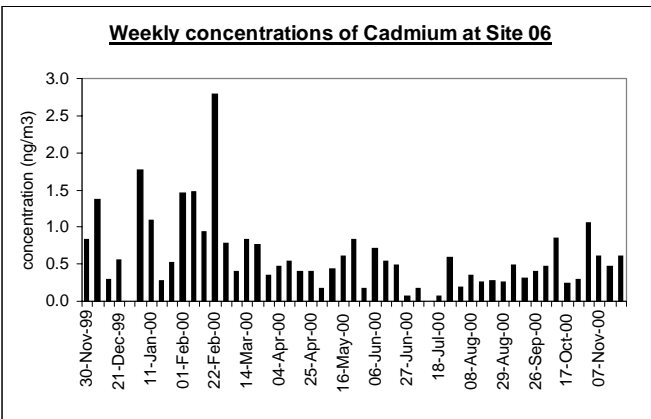
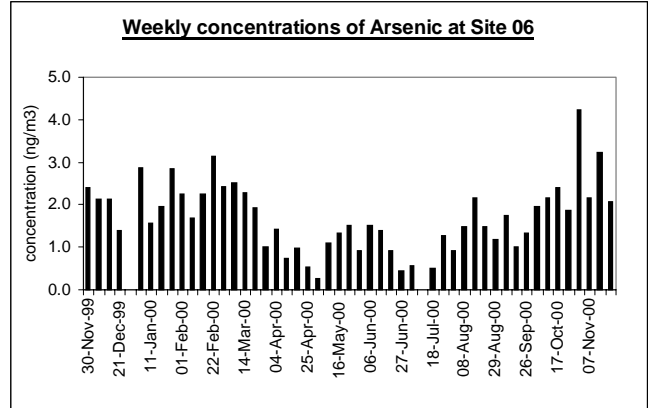
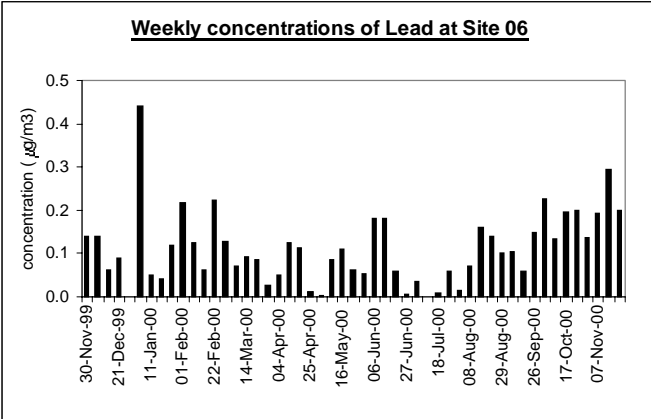
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Site description :

The monitoring station is located in a field adjacent to High Stanton Farm, 2.25 km East from the site boundary and approximately 30m higher than the elevation of the site. The location is rural.

Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.115 | 1.70 | 0.62 | 2.28 | 0.07 |
| Min. weekly concentration | 0.003 | 0.25 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.44 | 4.22 | 2.80 | 8.14 | 0.62 |
| % data capture | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 07
 Address : Sandhill Primary School
 Kilnhurst Road, Rawmarsh, Rotherham
 S62 5LH
 OS Grid Reference : 445275,396910

Industrial Process : Corus Engineering Steels Ltd
 Process type: Steel Industry

Pollutants Measured : Pb, Cd, As, Ni, Hg



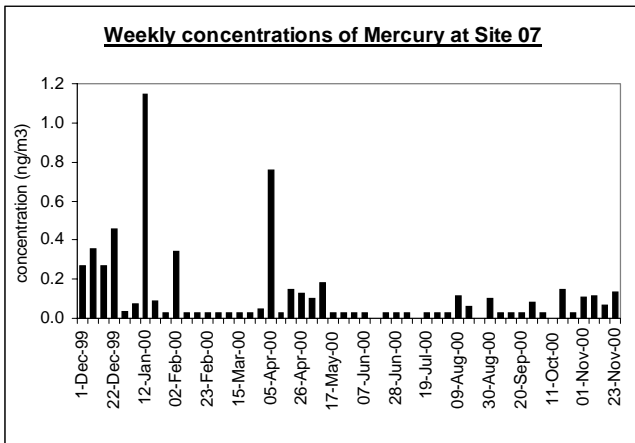
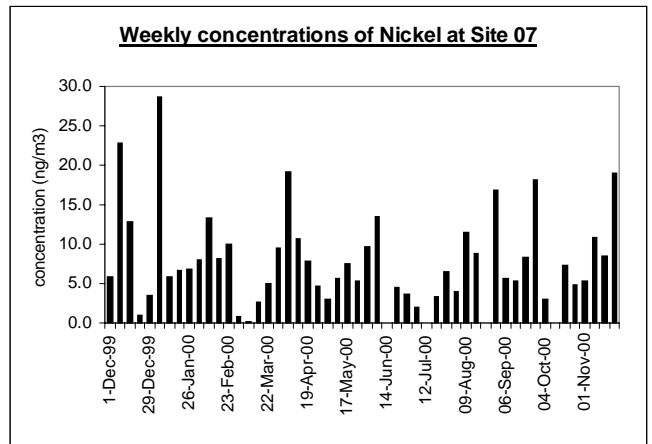
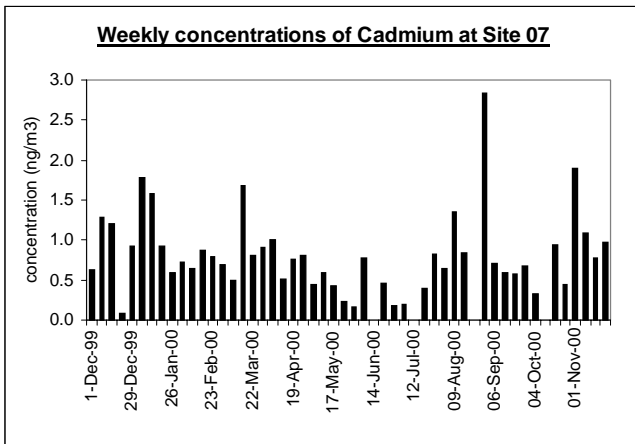
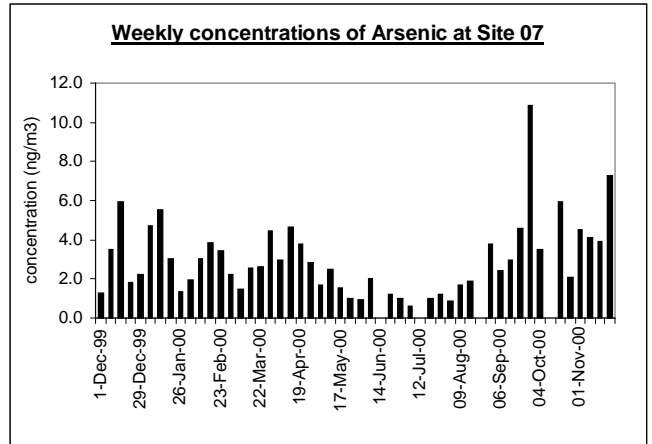
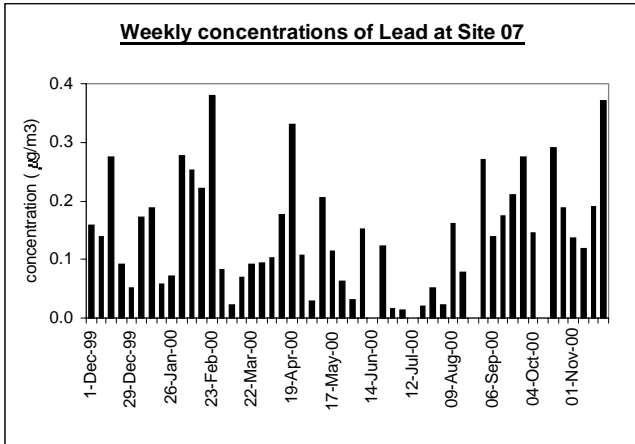
Site description :

The monitoring station is located on the roof of a single-storey building within the grounds of a local primary school. The site is approximately 600m North East of the site boundary. The location is on the fringe of a residential area in the valley of the river Don.

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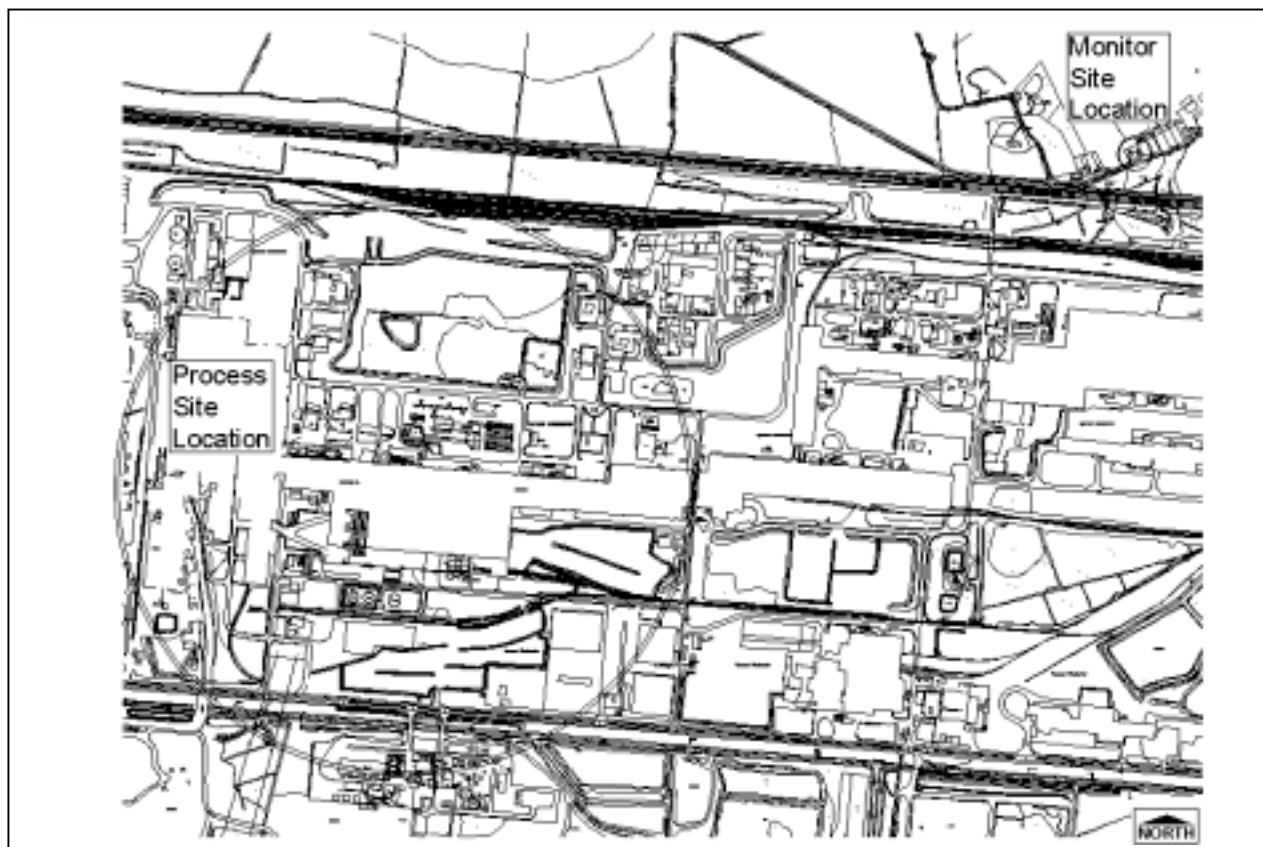
Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.146 | 3.01 | 0.81 | 8.25 | 0.13 |
| Min. weekly concentration | 0.010 | 0.58 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.380 | 10.87 | 2.84 | 28.67 | 1.15 |
| % data capture | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 08
 Address : Bishton Village Hall
 Bishton
 NP18 2EA
 OS Grid Reference : 338875,187270

Industrial Process : Corus UK Ltd
 Process type: Steel Industry
 Pollutants Measured : Pb, Cd, As, Ni, Hg



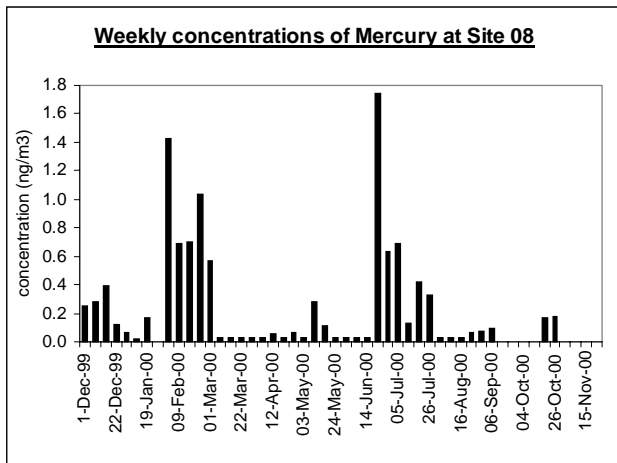
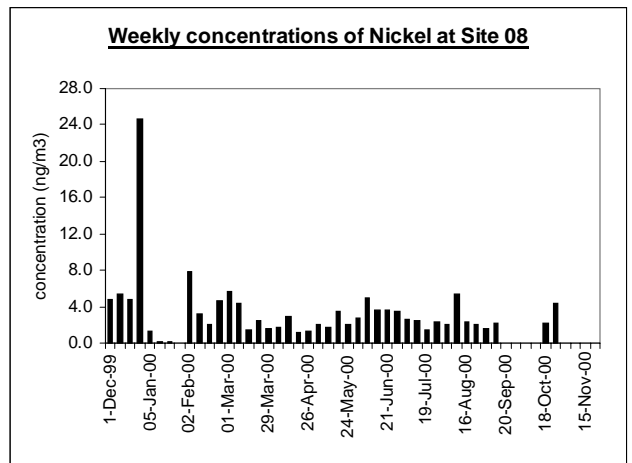
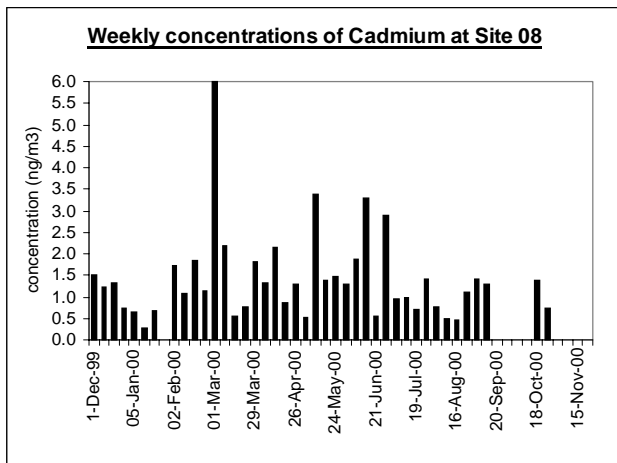
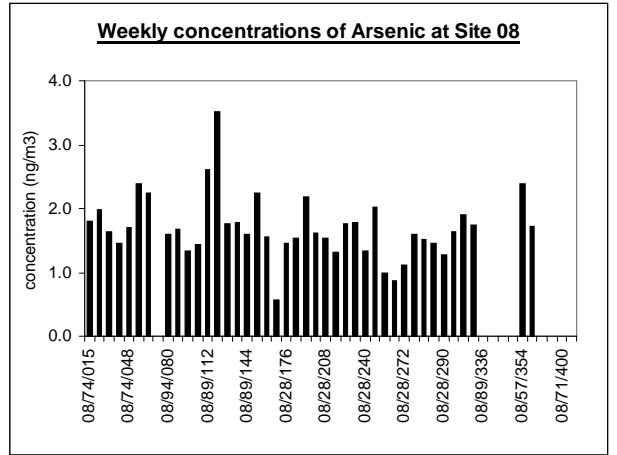
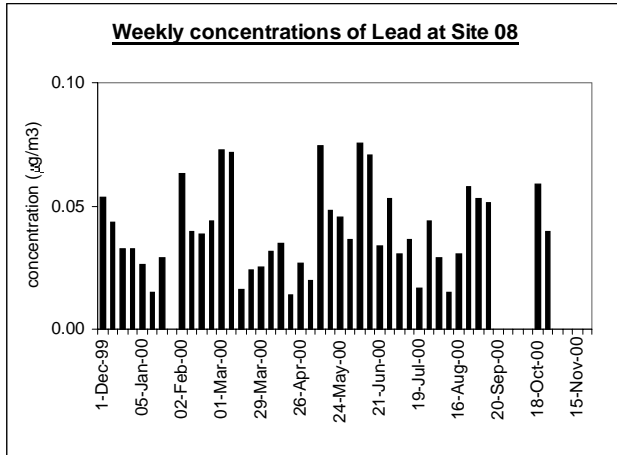
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Site description :

The monitoring station is located within the grounds of the local village hall. The site is a small residential area 600m North East of the British Steel site boundary.

Summary statistics (Particulate Phase)

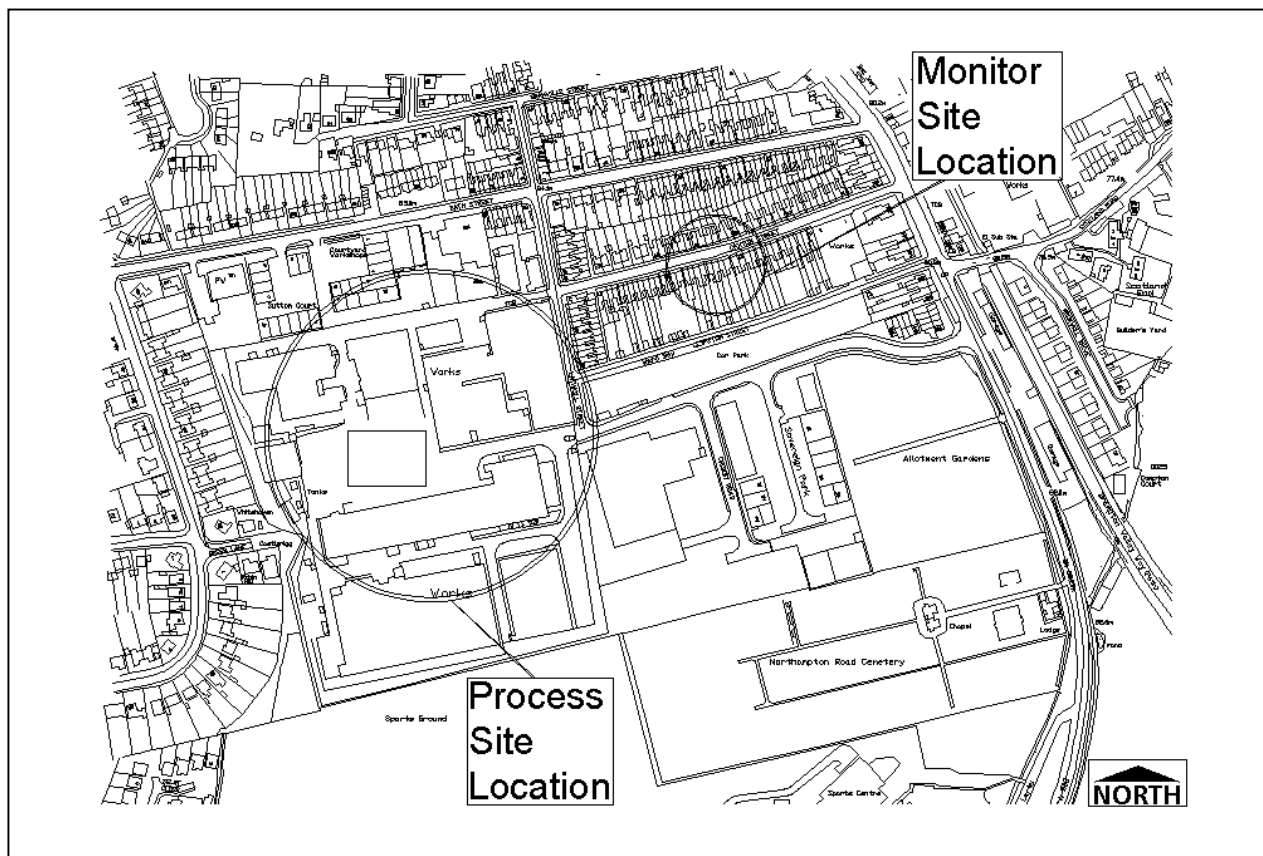
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.040 | 1.70 | 1.40 | 3.43 | 0.27 |
| Min. weekly concentration | 0.010 | 0.58 | 0.28 | 0.29 | 0.06 |
| Max. weekly concentration | 0.080 | 3.52 | 5.99 | 24.70 | 1.75 |
| % data capture | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 09
 Address : 37 Caxton Street
 Market Harborough
 LE16 9EP
 OS Grid Reference : 473665,286385

Industrial Process : Tungsten Batteries Ltd.
 Process type: Lead Acid Battery

Pollutants Measured : Pb, Cd, As, Ni, Hg



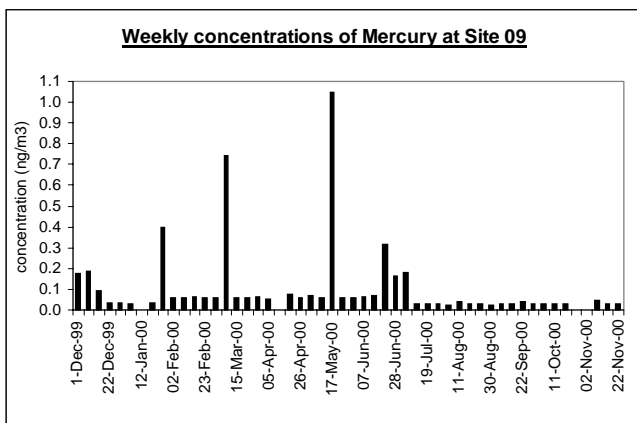
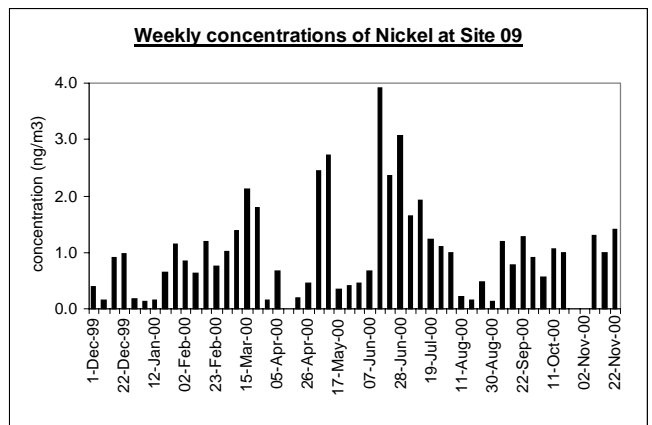
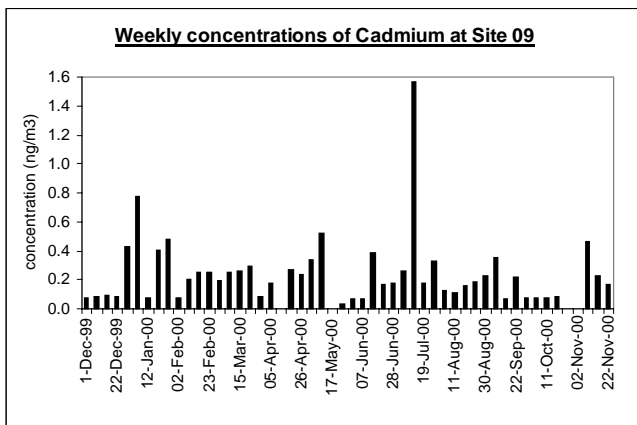
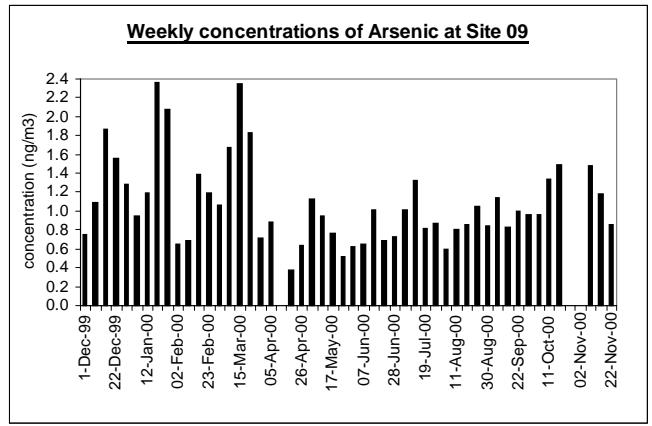
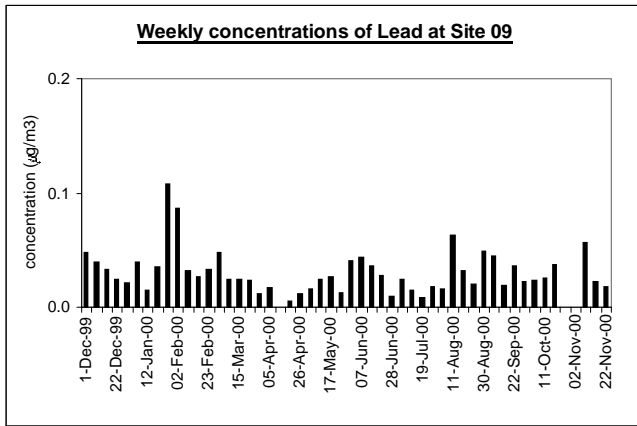
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Site description :

The monitoring station is located within the grounds of the nearest private residence within a residential area downwind of the works site. The site is located approximately 600 metres from the main stack.

Summary statistics (Particulate Phase)

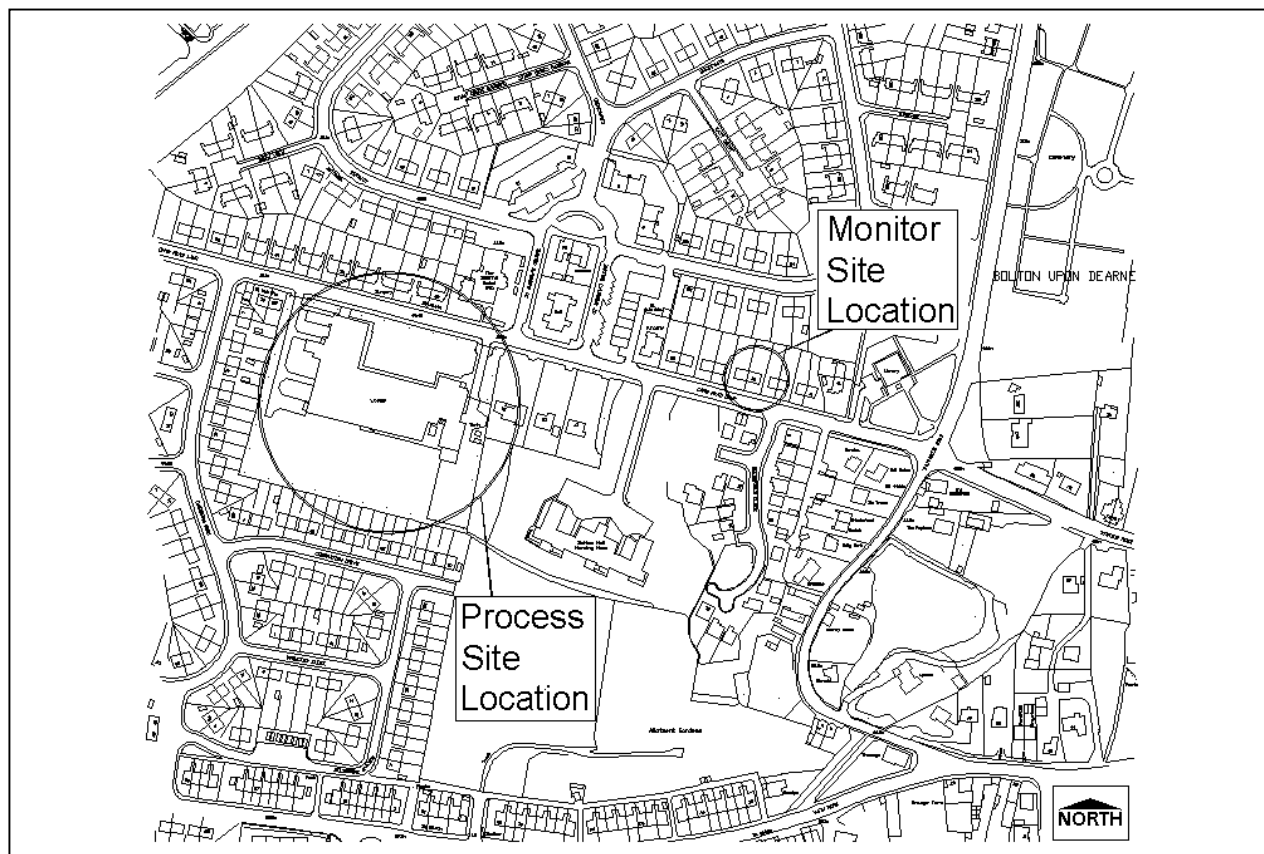
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.031 | 1.08 | 0.25 | 1.03 | 0.10 |
| Min. weekly concentration | 0.010 | 0.38 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.110 | 2.37 | 1.56 | 3.91 | 1.05 |
| % data capture | 94.2 | 94.2 | 92.3 | 94.2 | 92.3 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 10
 Address : 10 Carr Head Lane
 Bolton-on-Dearne, Rotherham
 S63 8DB
 OS Grid Reference : 445150,402785

Industrial Process : Paramount Batteries
 Process type: Lead Acid Battery

Pollutants Measured : Pb, Cd, As, Ni, Hg



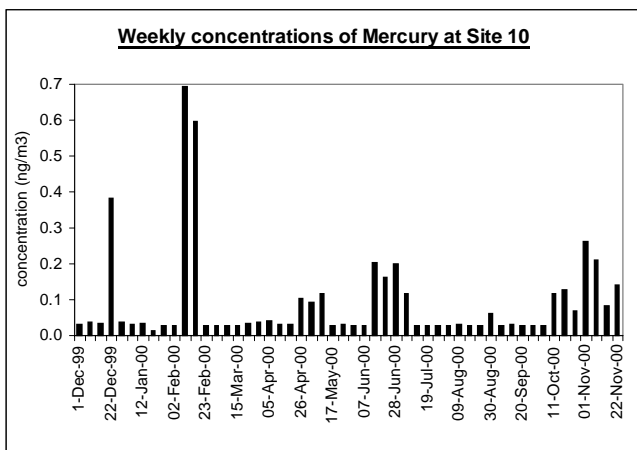
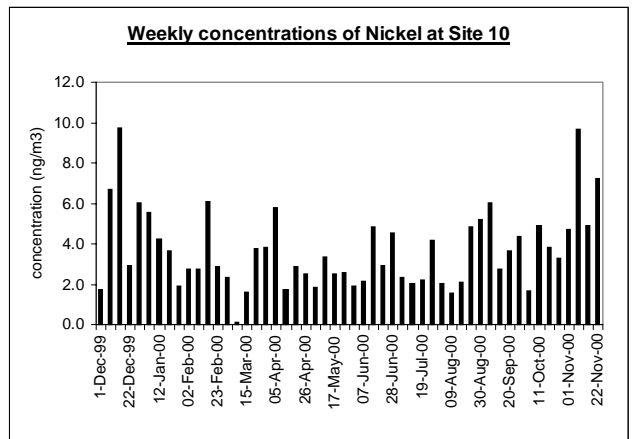
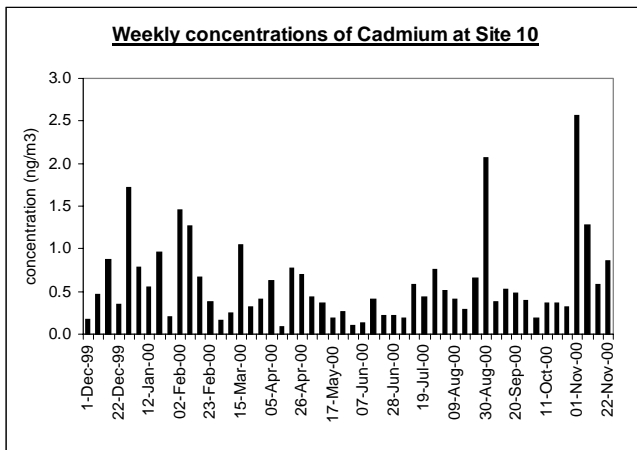
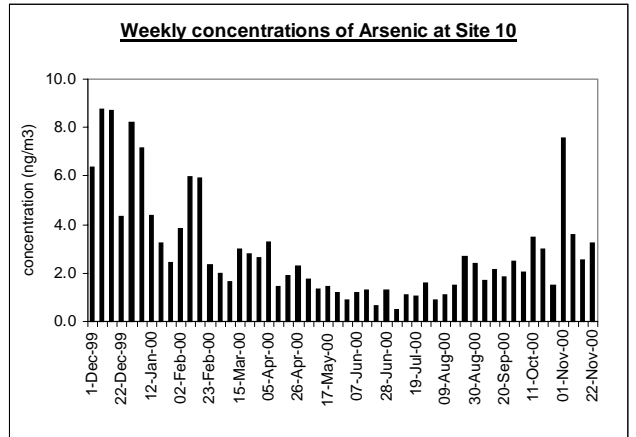
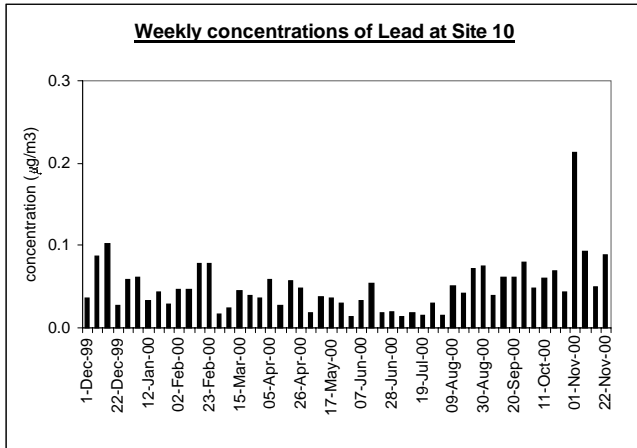
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Site description :

The monitoring station is located within the rear garden of a private residence already used as an existing monitoring station for the local authority. The site is 300m North East of the site boundary.

Summary statistics (Particulate Phase)

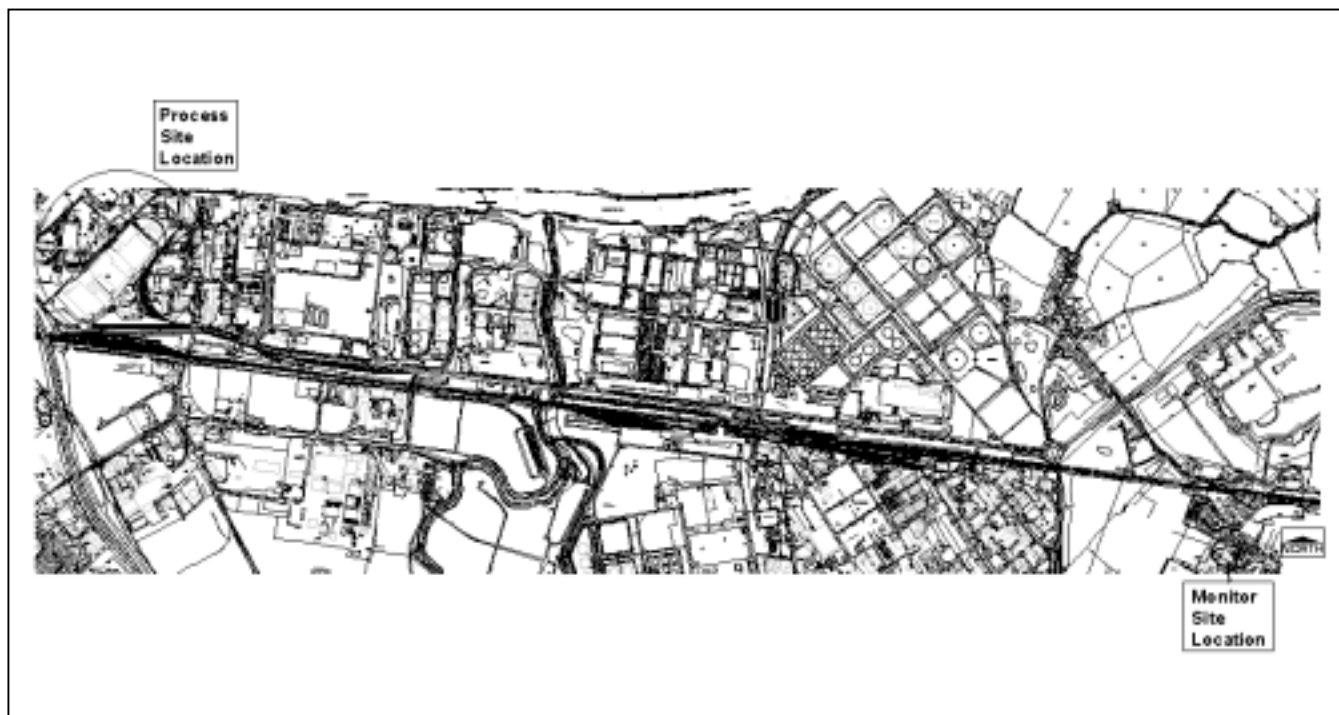
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.050 | 2.91 | 0.59 | 3.69 | 0.09 |
| Min. weekly concentration | 0.010 | 0.52 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.210 | 8.76 | 2.56 | 9.75 | 0.69 |
| % data capture | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 11
 Address : Elton Community Centre
 Elton, Chester
 CH2 4PF
 OS Grid Reference : 345635,375580

Industrial Process : Associated Octel Co. Ltd.
 Process type: Lead anti-knock ingredient

Pollutants Measured : Pb, Cd, As, Ni, Hg



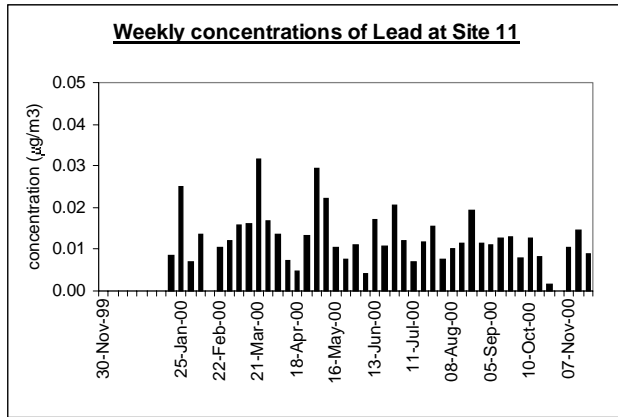
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Site description :

The monitoring station is located on the rooftop of a single-storey Community Centre building, 3.75 km east of the site boundary. The location is on the fringe of a residential area and is the first property to the east of the large industrial area of Stanlow Oil Refinery.

Summary statistics (Particulate Phase)

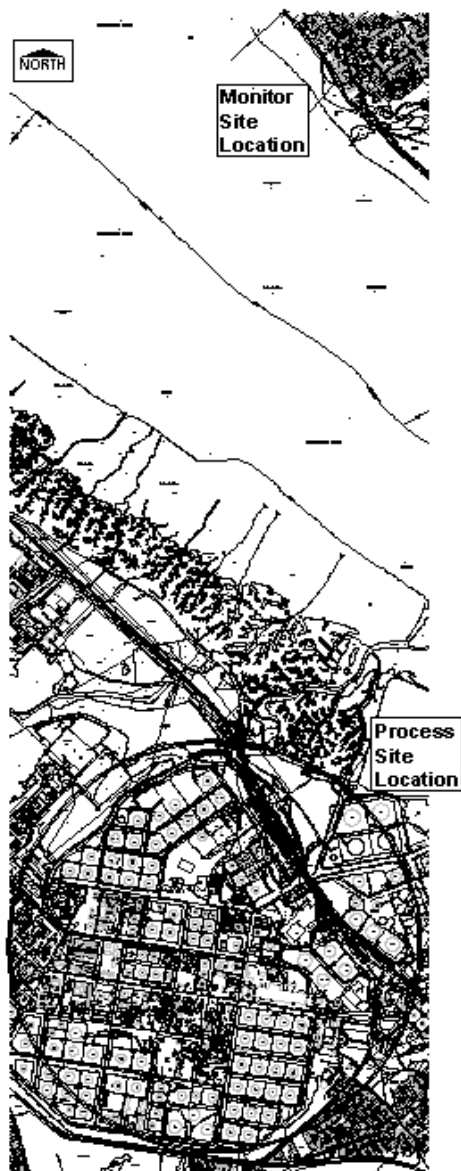
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.013 | 0.95 | 0.17 | 1.41 | 0.04 |
| Min. weekly concentration | 0.002 | 0.23 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.030 | 2.58 | 0.59 | 7.74 | 0.11 |
| % data capture | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 12
 Address : Malmesbury Court
 Victoria Rd, Netley Abbey
 SO31 5GQ
 OS Grid Reference : 445570,108310

Industrial Process : Esso Petroleum Co. Ltd.
 Process type: Oil refinery

Pollutants Measured : Pb, Cd, As, Ni, Hg



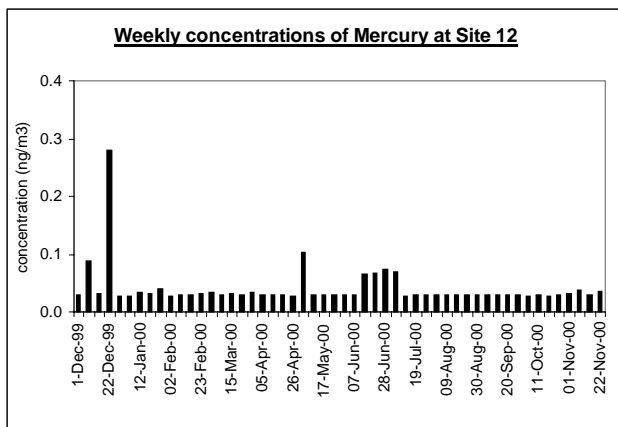
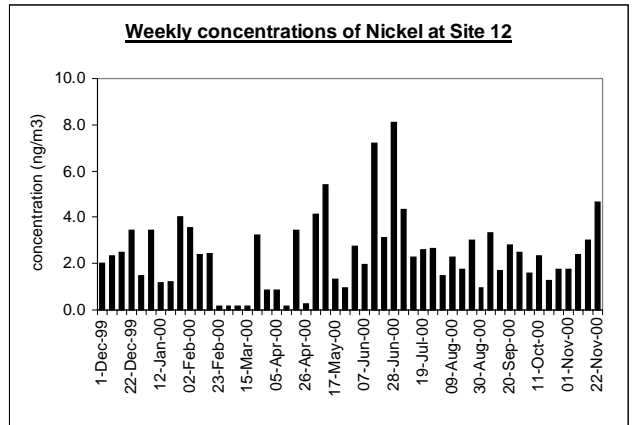
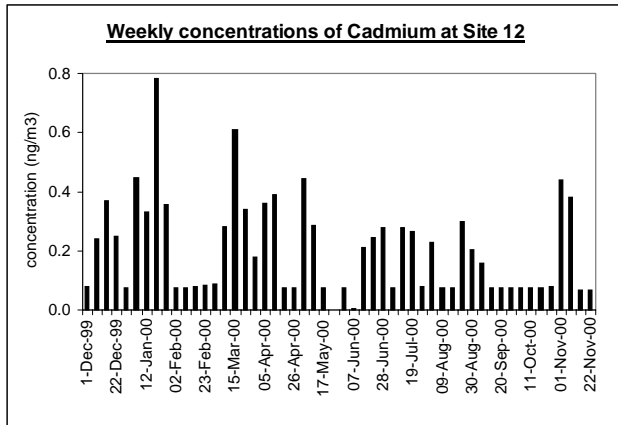
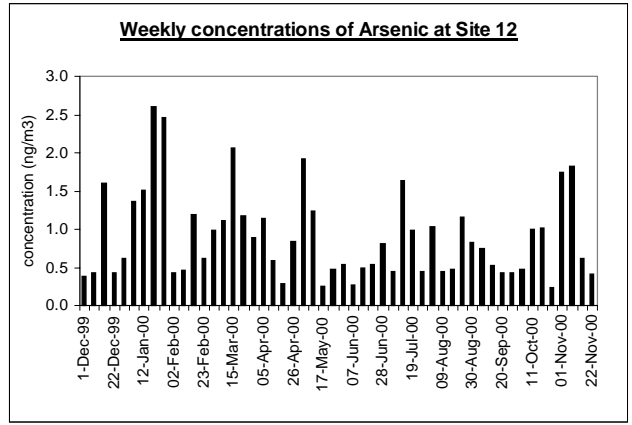
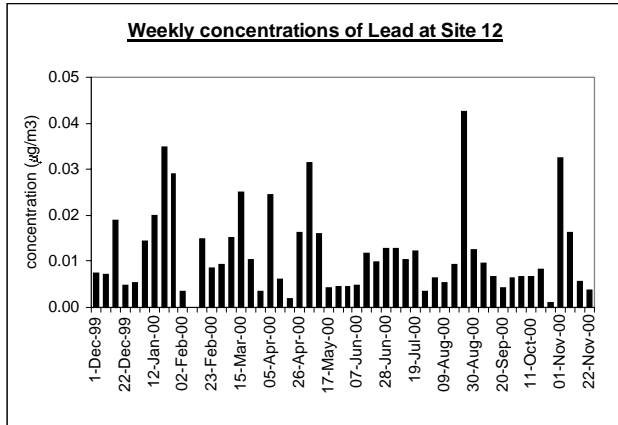
Site description :

The monitoring station is located on the roof of a single-storey building within the grounds of a private residential home approximately 2 km downwind of the Esso Refinery. The residential home immediately overlooks the eastern edge of Southampton Water and is located on the southern fringe of the small village of Netley.

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Summary statistics (Particulate Phase)

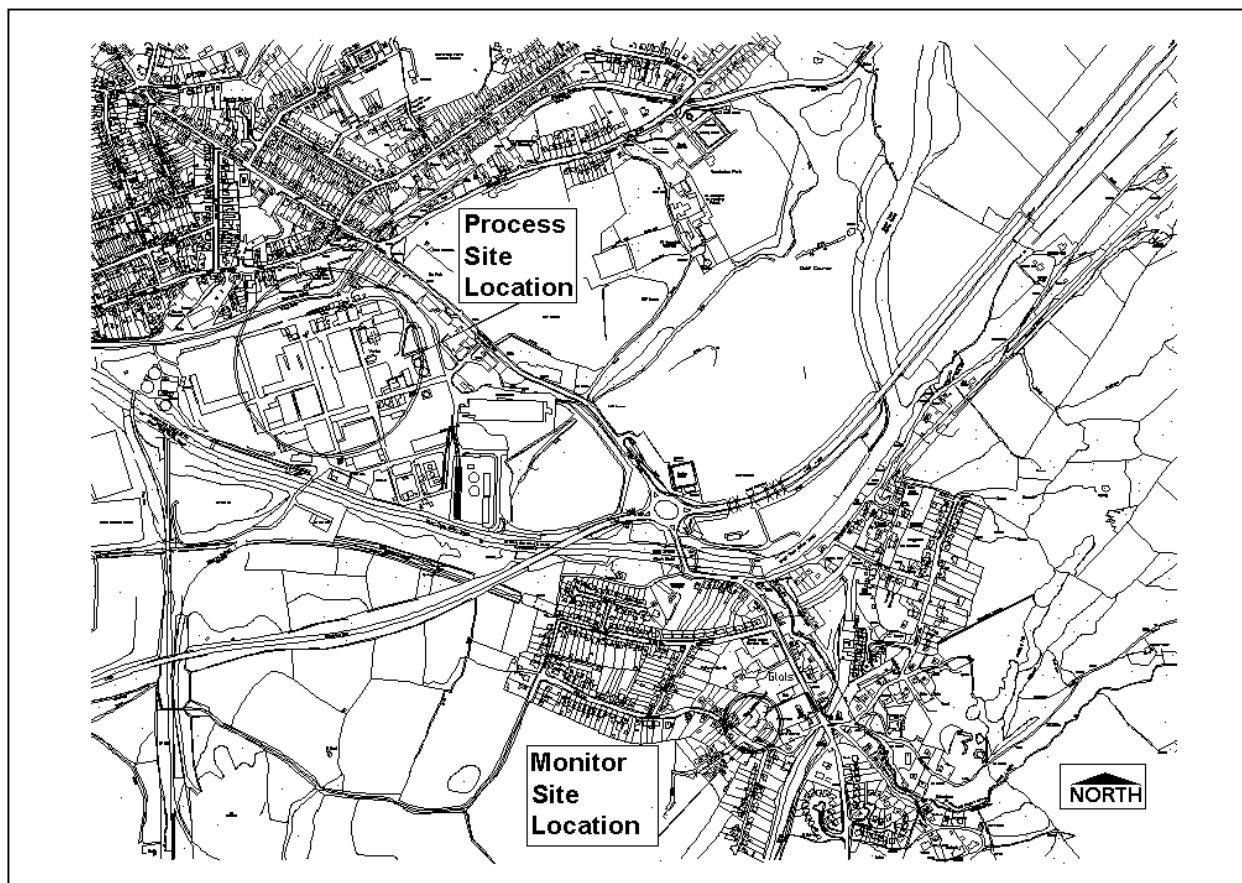
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.012 | 0.90 | 0.21 | 2.40 | 0.06 |
| Min. weekly concentration | 0.001 | 0.23 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.040 | 2.61 | 0.78 | 8.12 | 0.28 |
| % data capture | 98.1 | 100.0 | 98.1 | 100.0 | 100.0 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 13
 Address : Glais Primary School
 School Rd, Glais, Swansea
 SA7 9EY
 OS Grid Reference : 270220,200520

Industrial Process : INCO Europe
 Process type: Nickel Refinery

Pollutants Measured : Pb, Cd, As, Ni, Hg



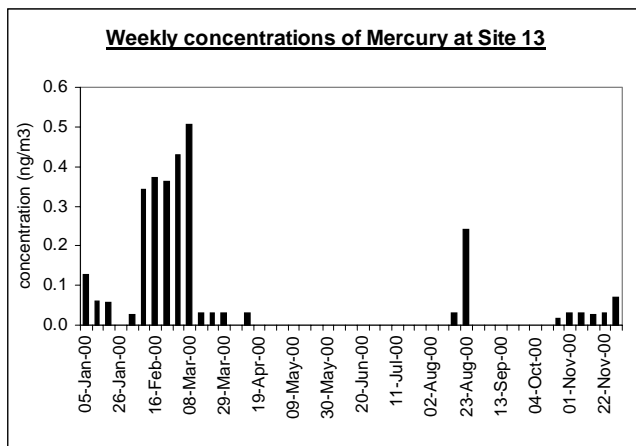
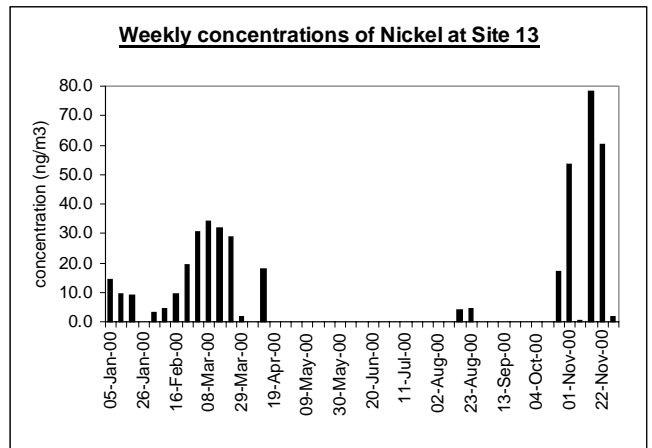
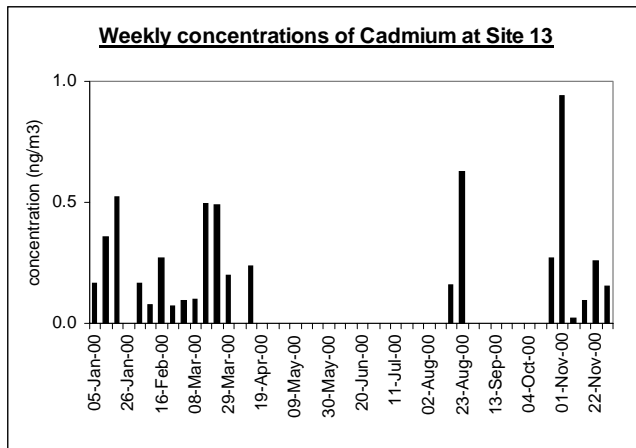
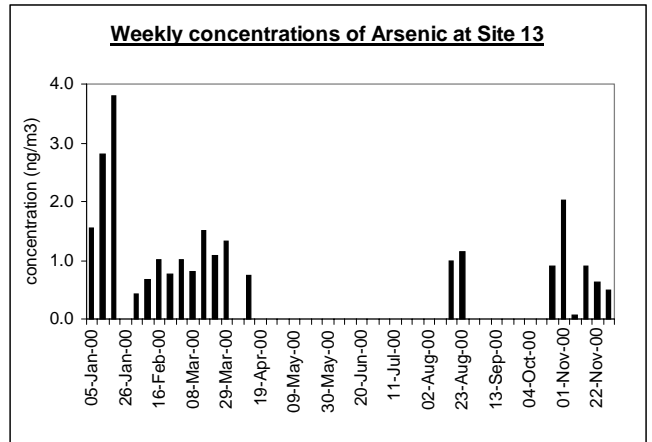
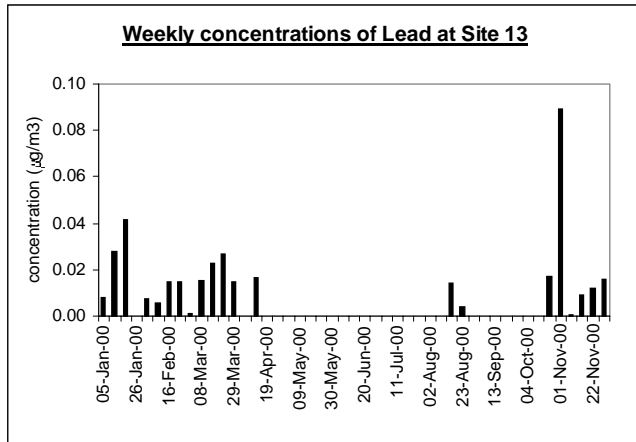
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Site description :

The monitoring station is located within the grounds of a local primary school approximately 1.1 km from the main stack of the site. The monitoring location is in a residential area immediately downwind of the process.

Summary statistics (Particulate Phase)

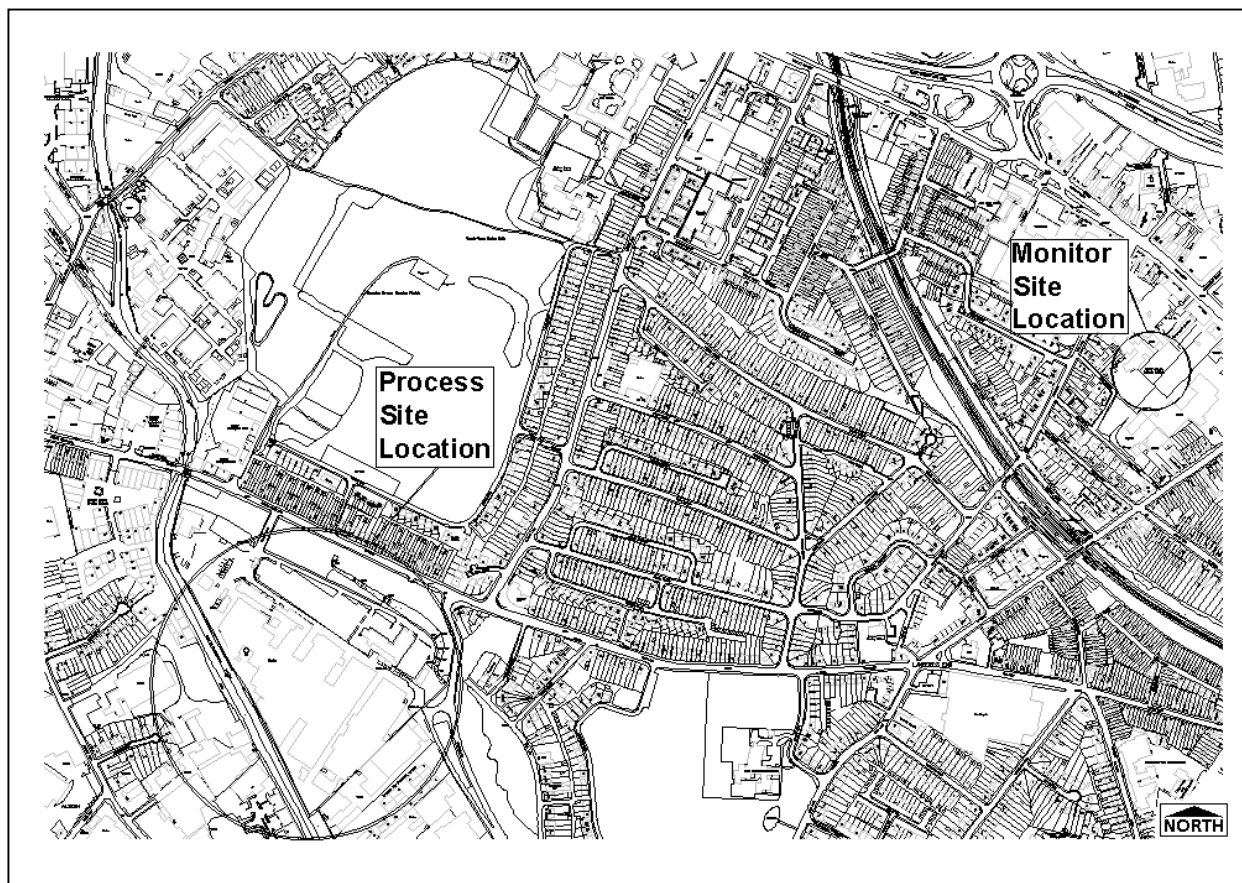
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.018 | 1.18 | 0.27 | 20.64 | 0.14 |
| Min. weekly concentration | 0.001 | 0.06 | 0.14 | 0.33 | 0.06 |
| Max. weekly concentration | 0.090 | 3.80 | 0.94 | 78.39 | 0.51 |
| % data capture | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 14
 Address : Guns Village Infant School
 Earl Street, West Bromwich
 B70 9HR
 OS Grid Reference : 399910,291595

Industrial Process : Cerro Extruded Metals
 Process type: Galvanizing

Pollutants Measured : Pb, Cd, As, Ni, Hg



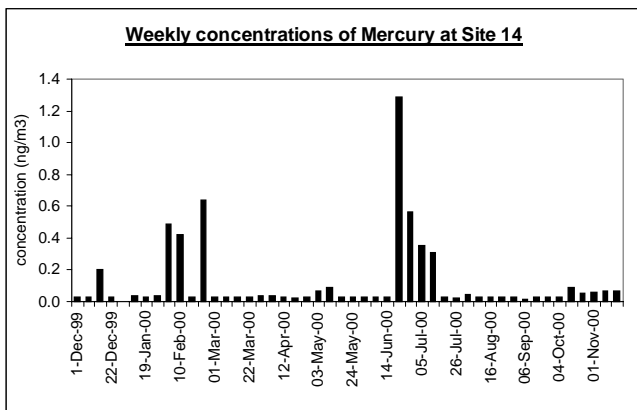
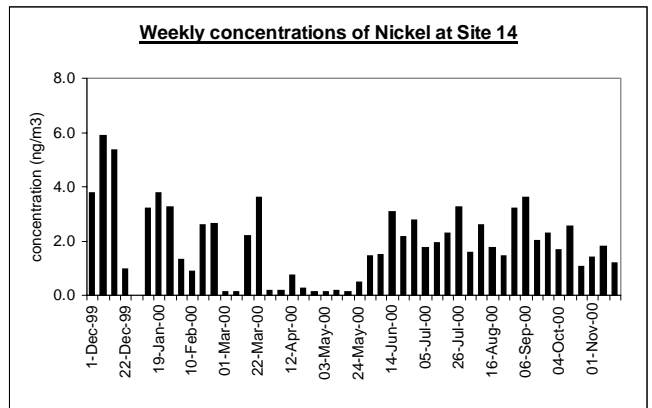
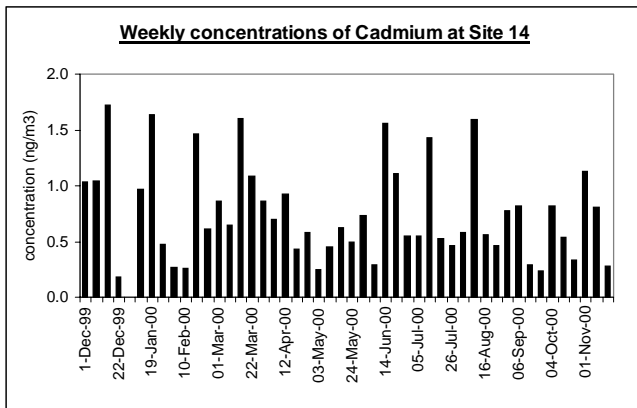
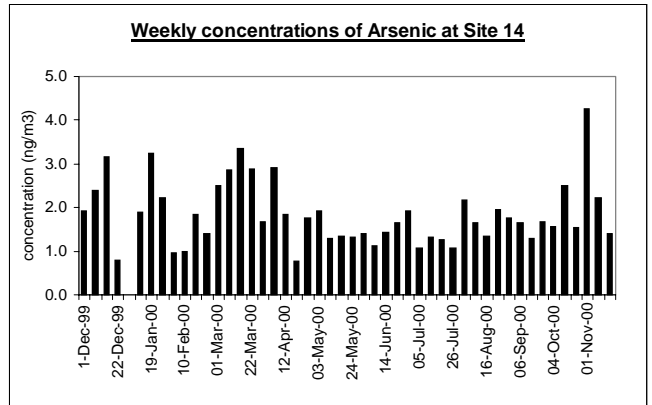
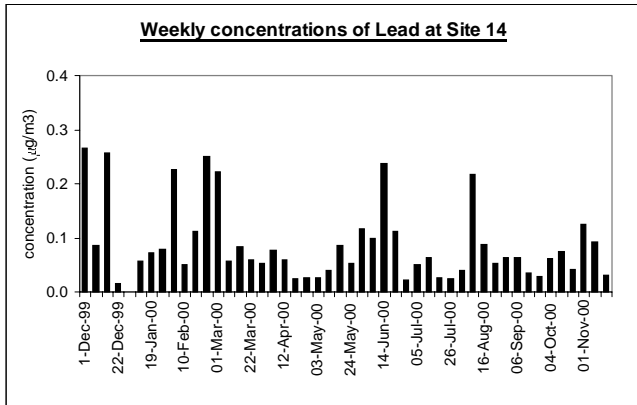
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Site description :

The monitoring station is located on the roof-top of a single-storey building within the grounds of a local primary school. The site lies approximately 500 m East of the site boundary and is positioned over a small hill in a mixed residential and light industrial area.

Summary statistics (Particulate Phase)

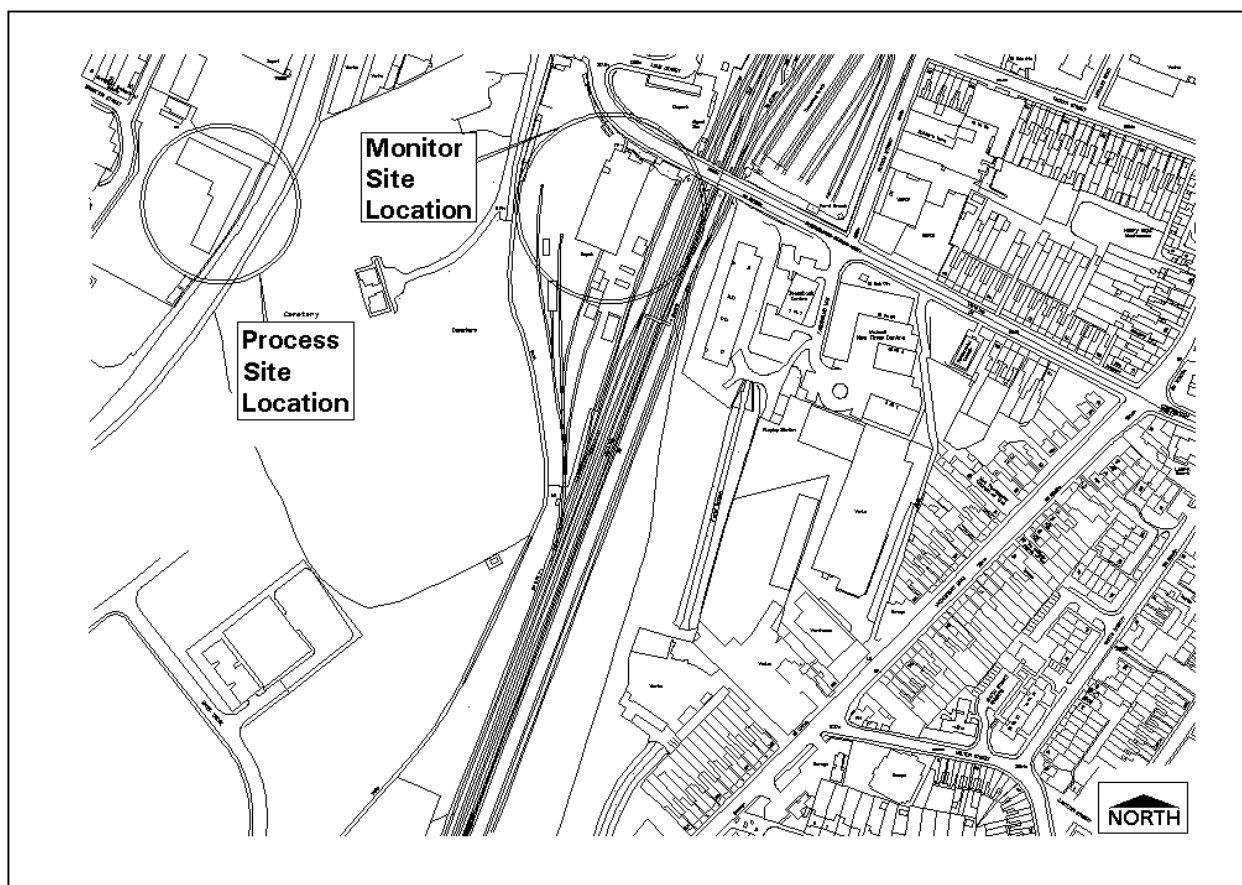
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.087 | 1.84 | 0.76 | 1.93 | 0.12 |
| Min. weekly concentration | 0.020 | 0.76 | 0.18 | 0.29 | 0.06 |
| Max. weekly concentration | 0.270 | 4.27 | 1.73 | 5.88 | 1.29 |
| % data capture | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 15
 Address : NCS Depot
 Rollingmill Street, Walsall
 WS2 9EG
 OS Grid Reference : 400625,297900

Industrial Process : Walkers Galvanizing
 Process type: Galvanizing

Pollutants Measured : Pb, Cd, As, Ni, Hg



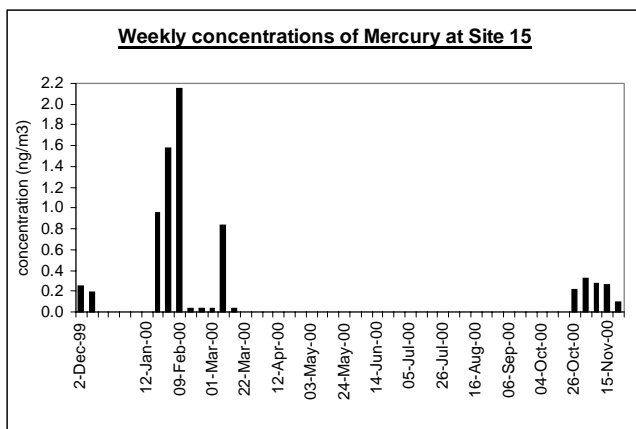
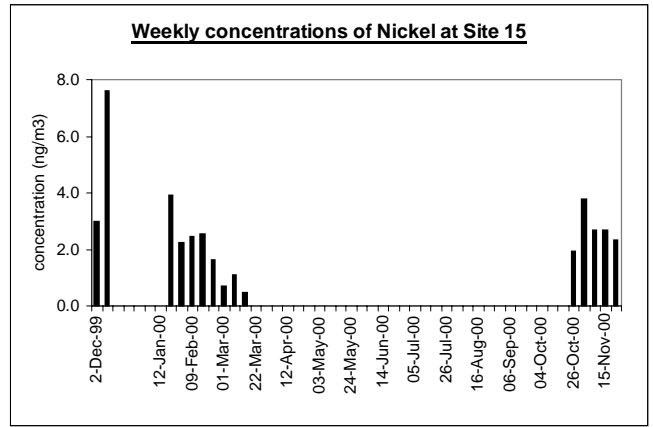
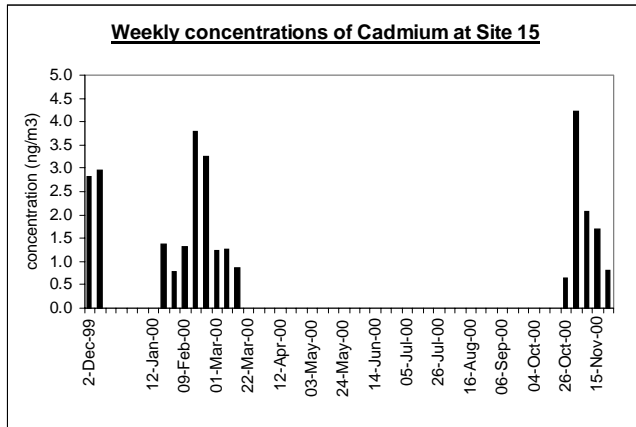
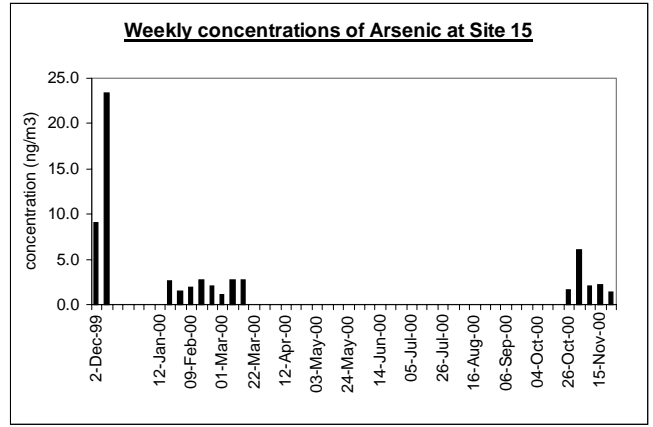
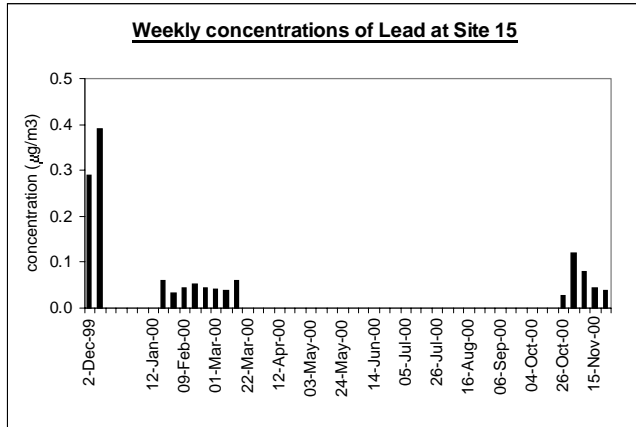
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Site description :

The monitoring site is located on the roof-top of a single-storey portakabin in a maintenance compound for the railway. It lies 300m East of the site boundary and is positioned at a lower elevation than the galvanising plant. The location is in a mixed residential and light industrial area.

Summary statistics (Particulate Phase)

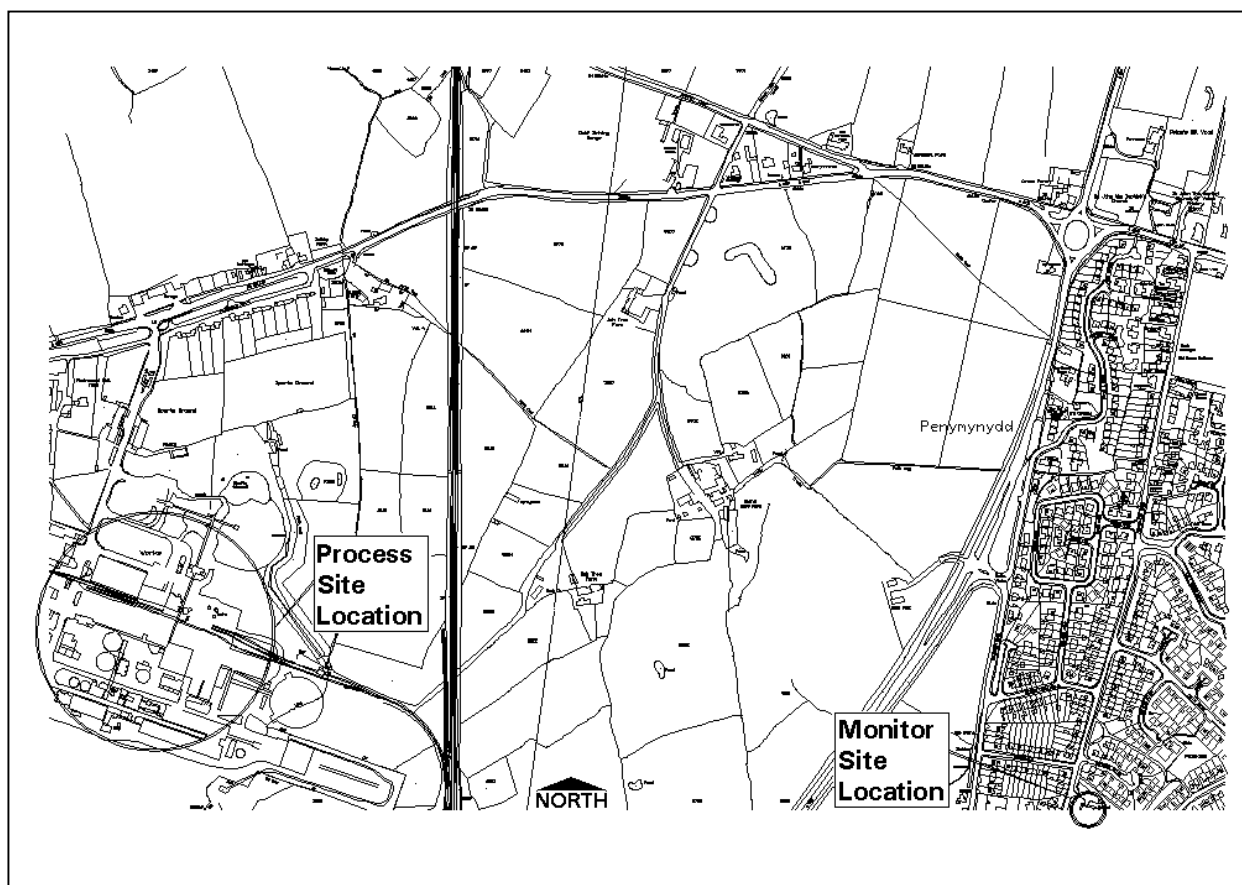
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.091 | 4.22 | 1.94 | 2.61 | 0.48 |
| Min. weekly concentration | 0.030 | 1.04 | 0.65 | 0.49 | 0.06 |
| Max. weekly concentration | 0.390 | 23.40 | 4.22 | 7.62 | 2.15 |
| % data capture | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 16
 Address : Penyffordd C. P. School
 Penymynydd Road, Penyffordd
 CH4 0LQ
 OS Grid Reference : 330400,362000

Industrial Process : Castle Cement
 Process type: Cement Manufacture

Pollutants Measured : Pb, Cd, As, Ni, Hg



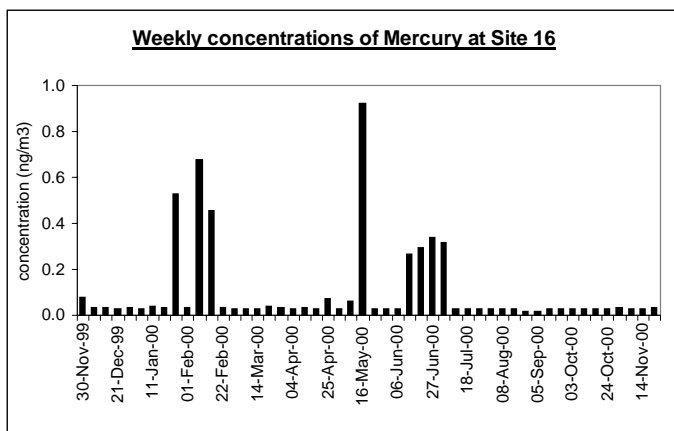
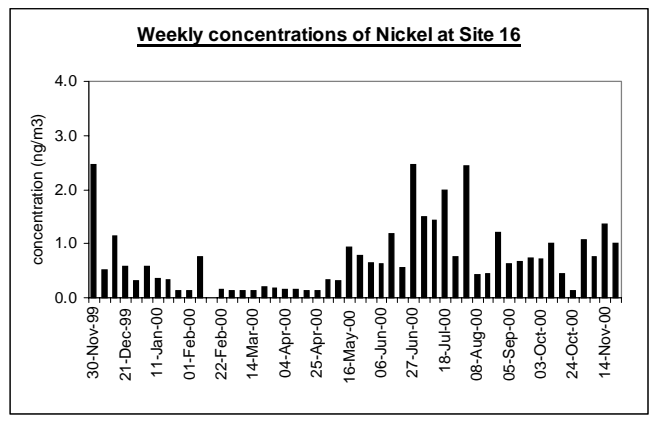
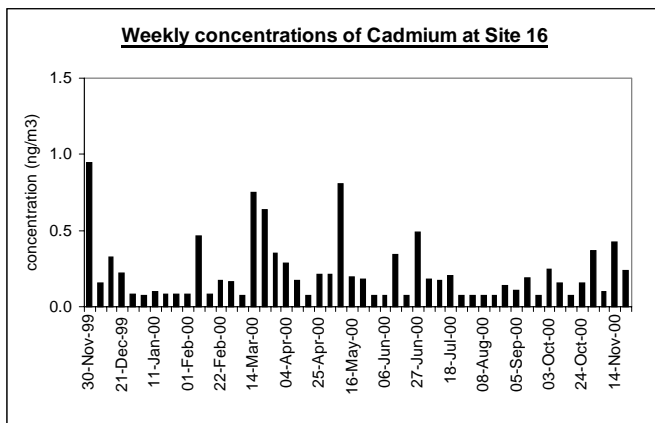
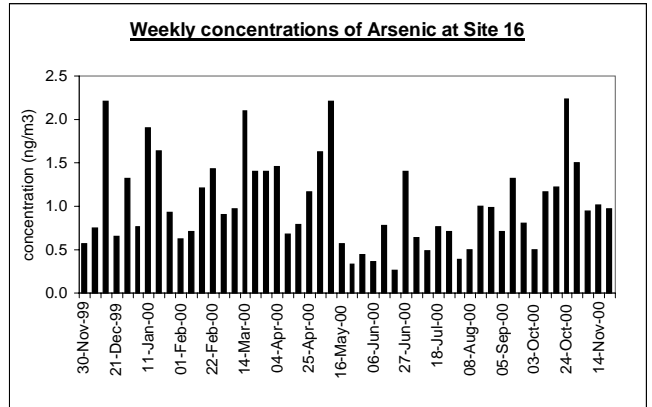
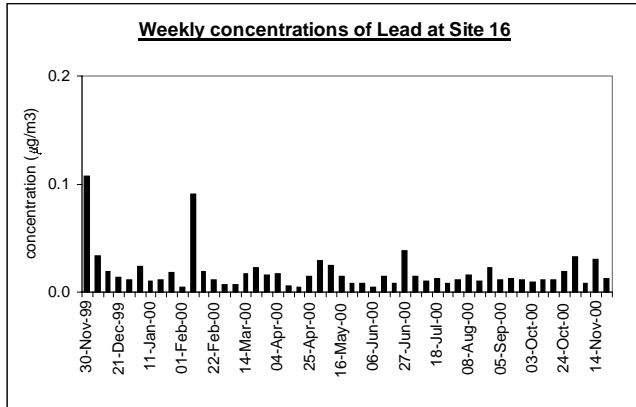
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Site description :

The monitoring station is located on the roof-top of a single-storey school building 1.35 km East of the main stack. The location is in a small residential area surrounded by agricultural land.

Summary statistics (Particulate Phase)

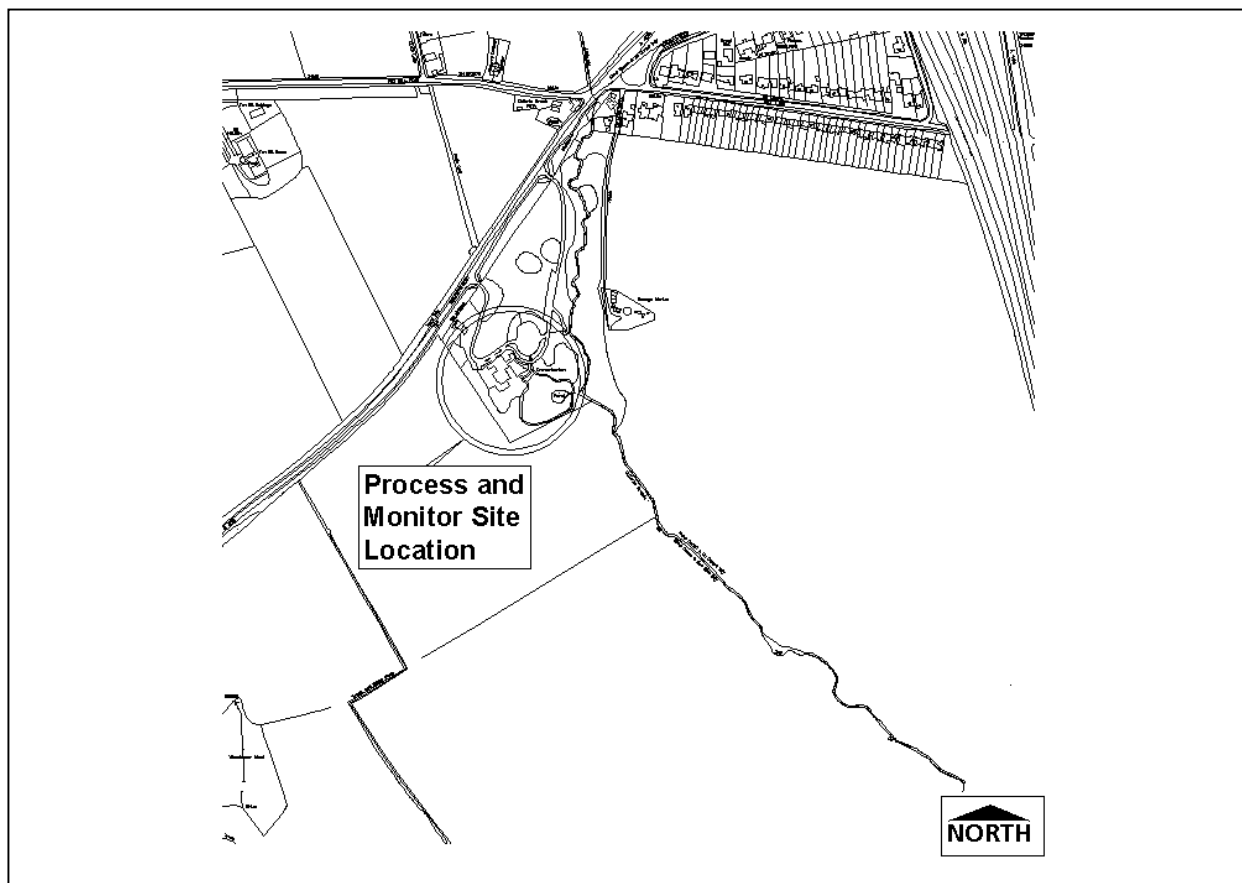
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.018 | 1.03 | 0.22 | 0.71 | 0.10 |
| Min. weekly concentration | 0.005 | 0.26 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.110 | 2.23 | 0.94 | 2.46 | 0.92 |
| % data capture | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 17
 Address : The Crematorium
 Tamworth Road, Sutton Coldfield
 West Midlands B75 6LG
 OS Grid Reference : 414360,298570

Industrial Process : Sutton Coldfield Crematorium
 Process type: Crematoria

Pollutants Measured : Pb, Cd, As, Ni, Hg



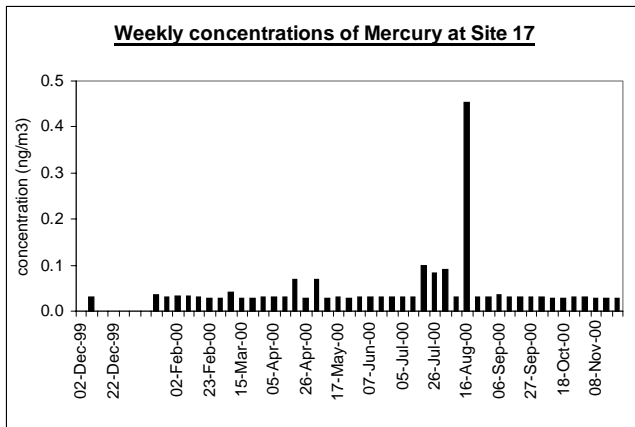
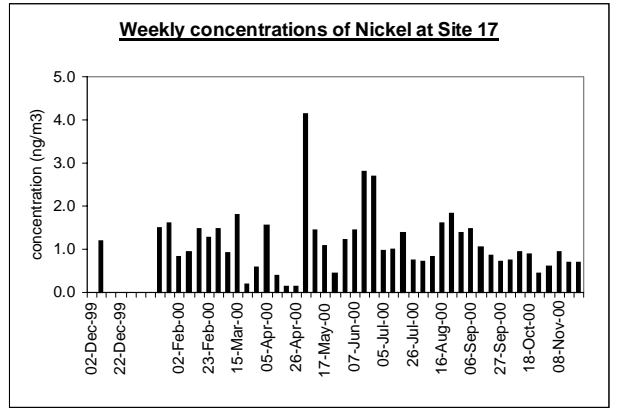
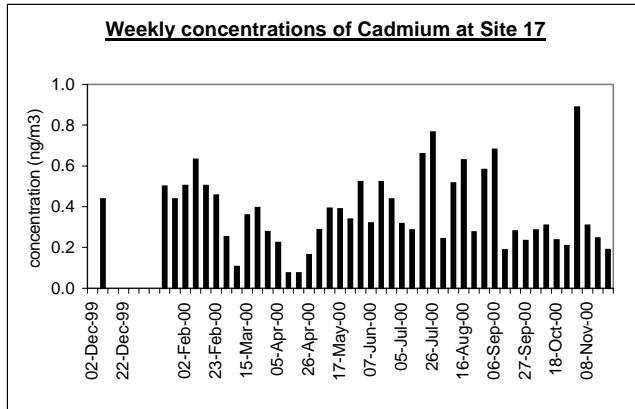
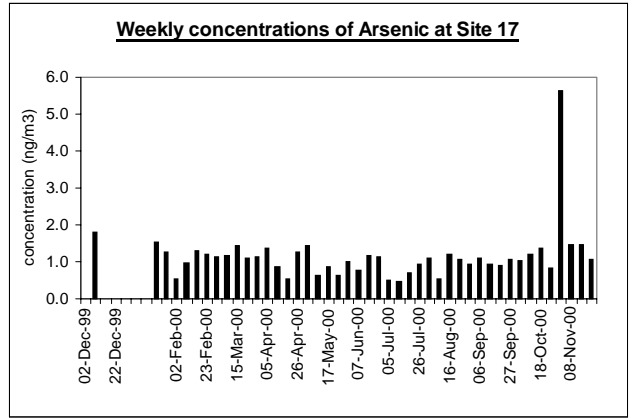
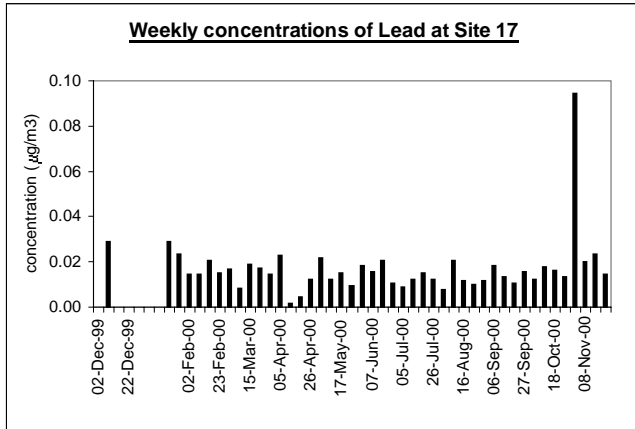
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Site description :

The monitoring station is located within the grounds of the Crematorium which is located within the vicinity of a small residential area surrounded by agricultural land.

Summary statistics (Particulate Phase)

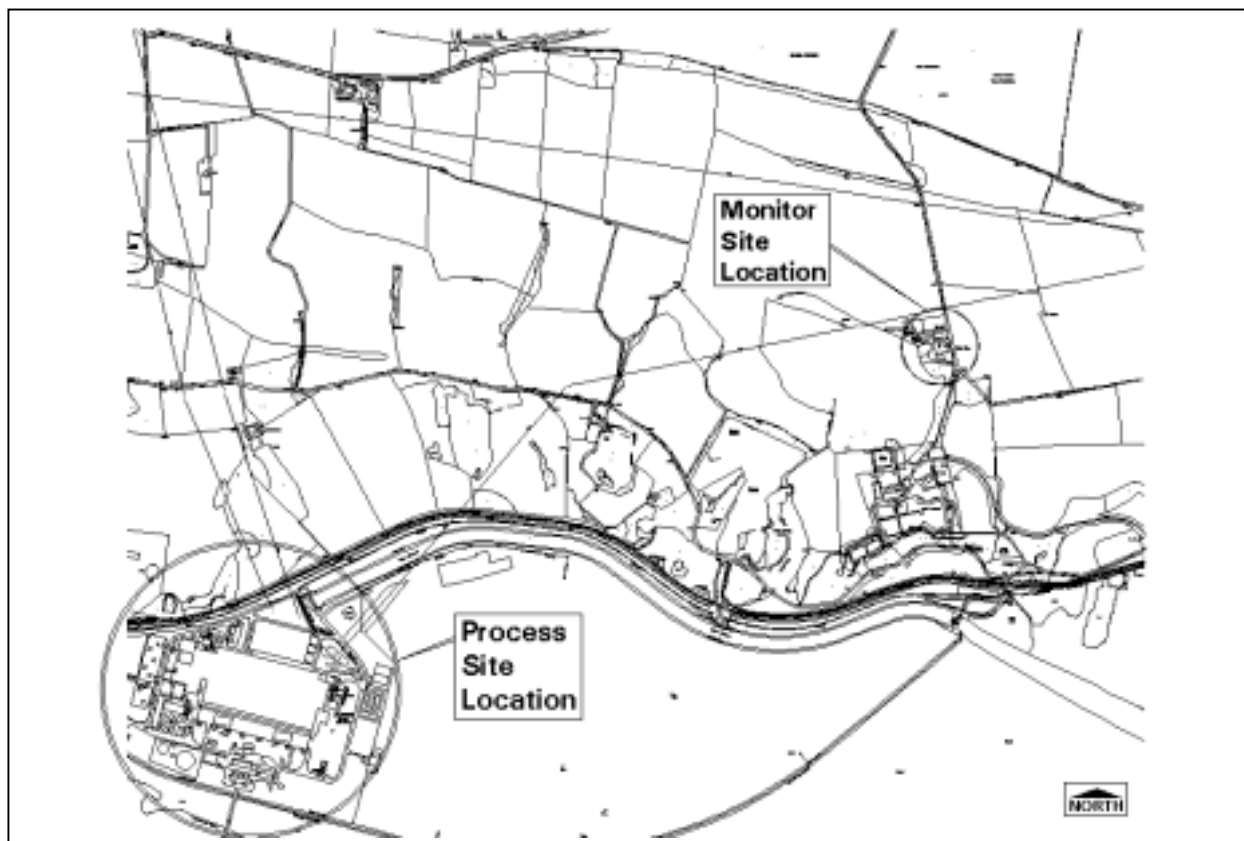
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.017 | 1.15 | 0.38 | 1.15 | 0.06 |
| Min. weekly concentration | 0.002 | 0.45 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.090 | 5.63 | 0.89 | 4.15 | 0.45 |
| % data capture | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 18
 Address : Blair Mains Farm
 Culross, Dunfermline
 KY12 8JW
 OS Grid Reference : 296975,686225

Industrial Process : Longannet Power Station
 Process type: Coal-fired power station

Pollutants Measured : Pb, Cd, As, Ni, Hg



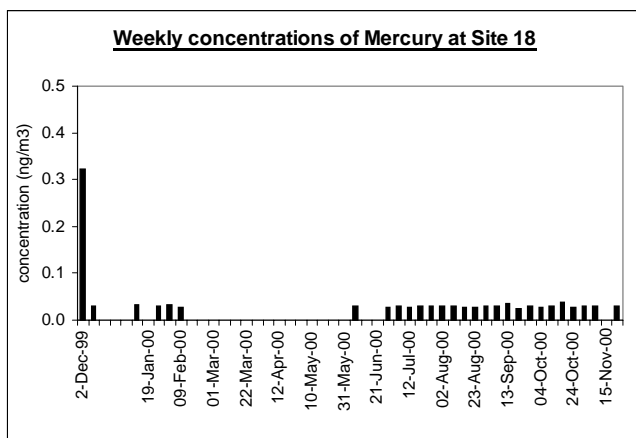
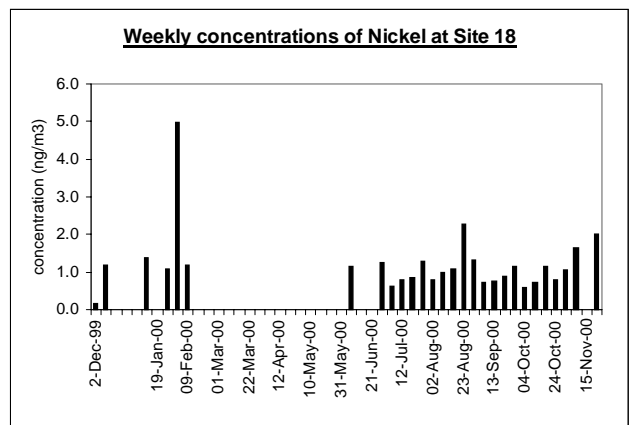
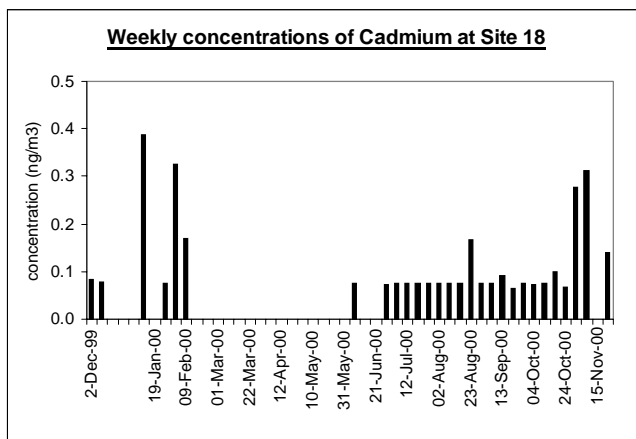
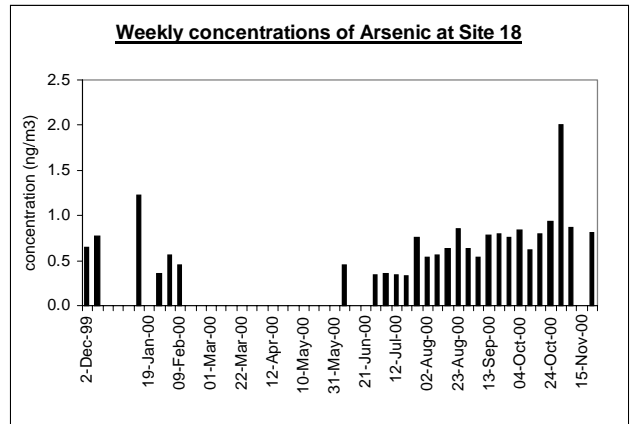
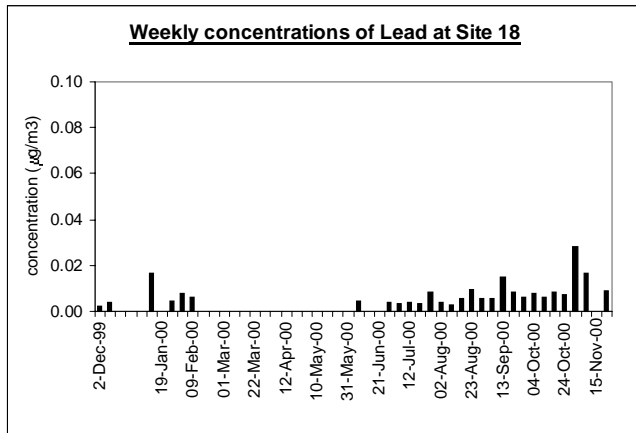
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Site description :

The monitoring station is located in a field on rising land overlooking the Firth of Forth and Longannet Power Station. It is 2.3 km East of the main power station stack.

Summary statistics (Particulate Phase)

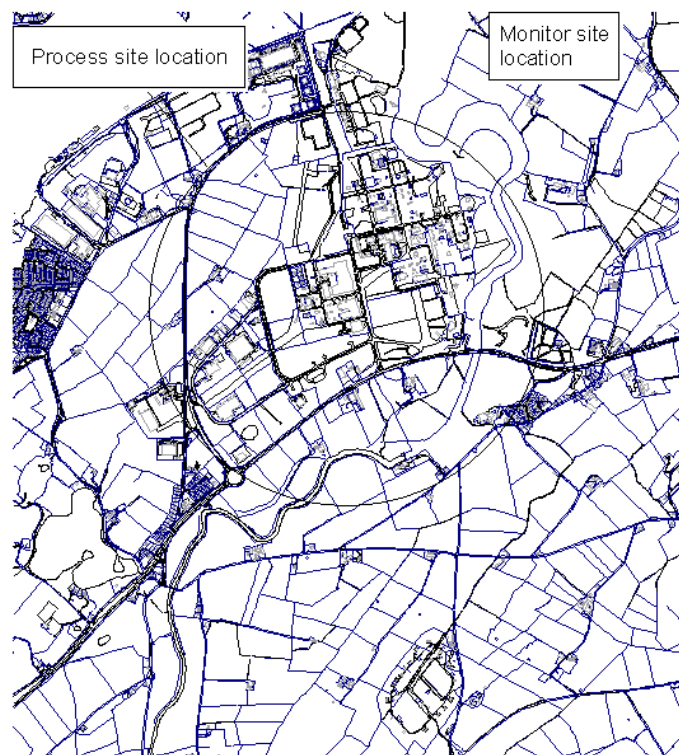
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.008 | 0.70 | 0.12 | 1.21 | 0.06 |
| Min. weekly concentration | 0.002 | 0.33 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.030 | 2.01 | 0.39 | 4.99 | 0.32 |
| % data capture | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 19
 Address : 62 Donnybrewer Road
 Campsey
 N. Ireland
 OS Grid Reference : 248650,420870

Industrial Process : Collkeeragh Power Station
 Process type: Oil fired power station

Pollutants Measured : Pb, Cd, As, Ni, Hg



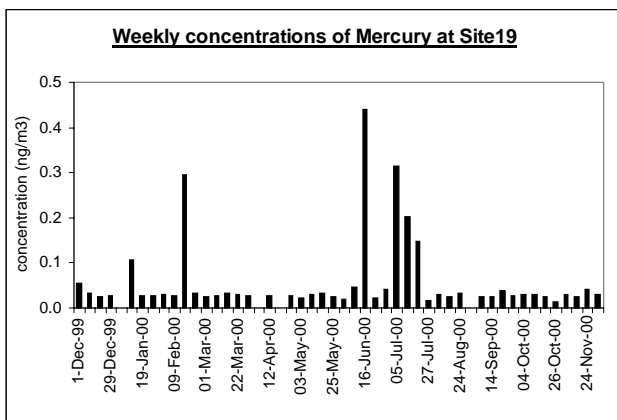
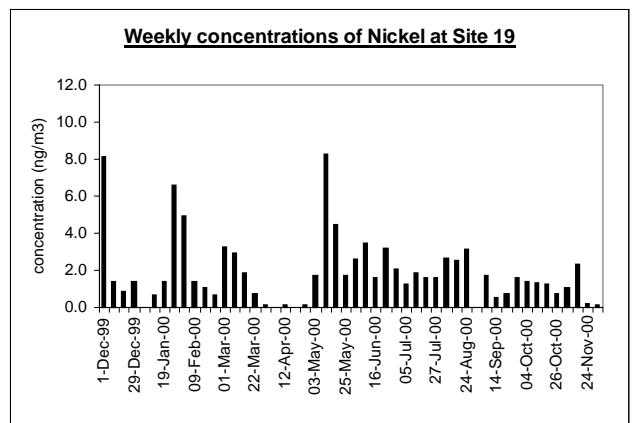
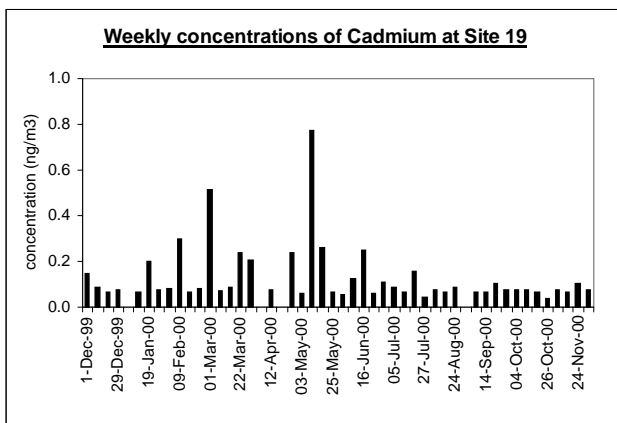
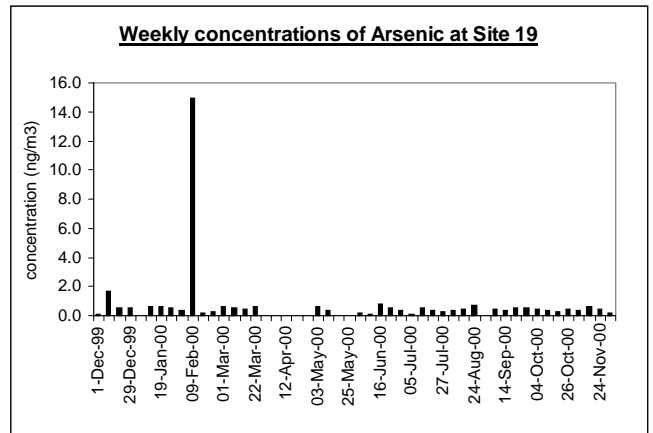
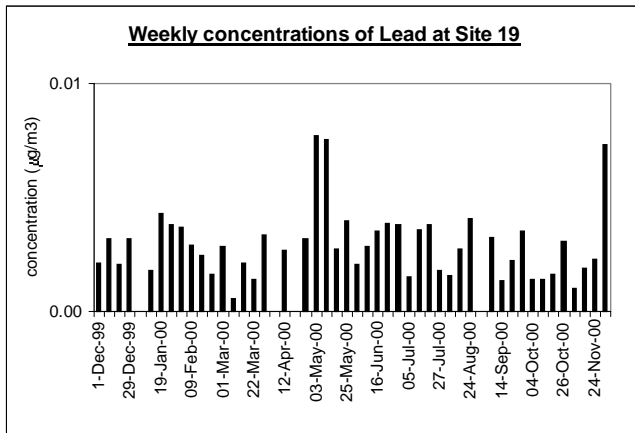
Based upon the Ordnance Survey's of Northern Ireland map with the permission of the Director and Chief Executive, © Crown Copyright reserved.

Site description :

The monitoring site is located within the rear garden of a private residence in the area of Lower Campsey. The site is 1 km North East of the main power station stack.

Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|---|---|---|---|---|
| Annual mean | 0.003 | 0.72 | 0.13 | 2.05 | 0.06 |
| Min. weekly concentration | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.010 | 14.92 | 0.77 | 8.27 | 0.44 |
| % data capture | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 20
 Address : 30 Bentra Road
 Whitehead, Co. Antrim, N. Ireland
 BT38 9SY
 OS Grid Reference : 345020,391100

Industrial Process : NIGEN Ltd. Kilroot Power Station
 Process type: Oil fired power station
 Proposal to burn Orimulsion

Pollutants Measured : Pb, Cd, As, Ni, Hg, V



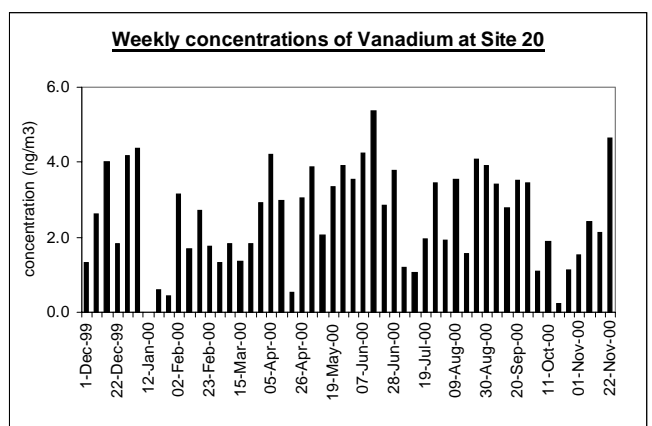
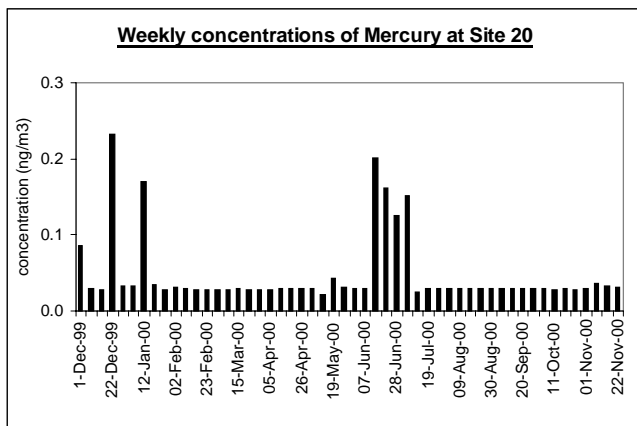
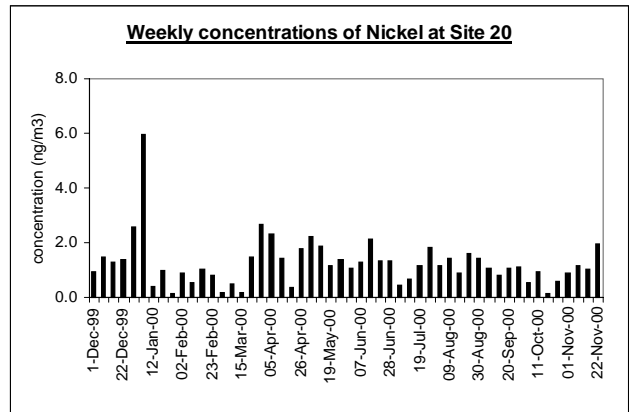
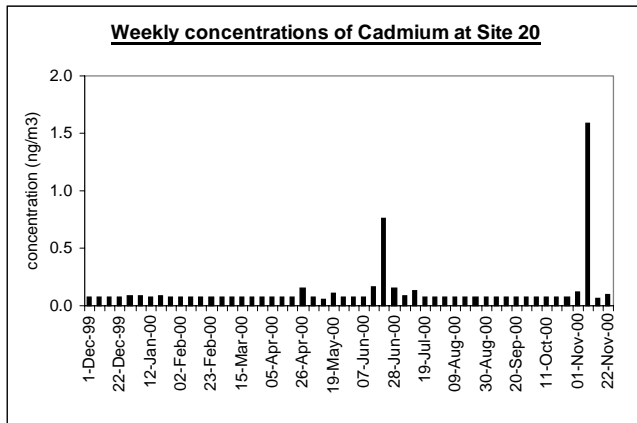
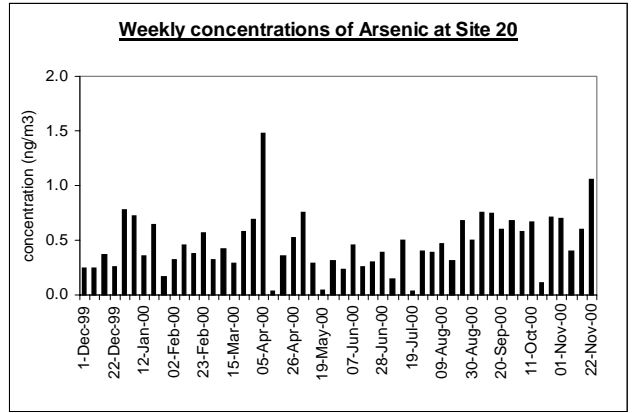
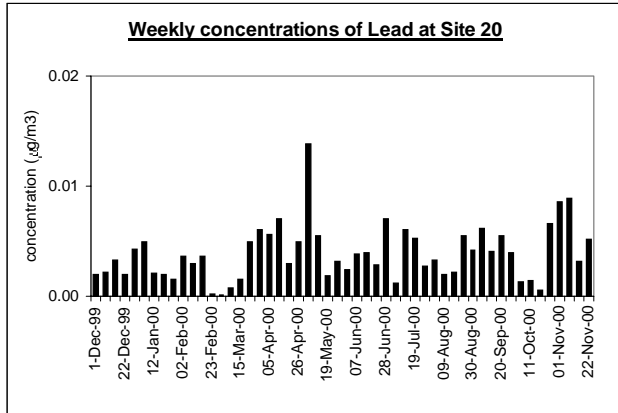
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Site description :

The monitoring station is located within the garden of a private resident in a rural location approximately 1km distance from the Kilroot Power Station downwind in the south-westerly direction.

Summary statistics (Particulate Phase)

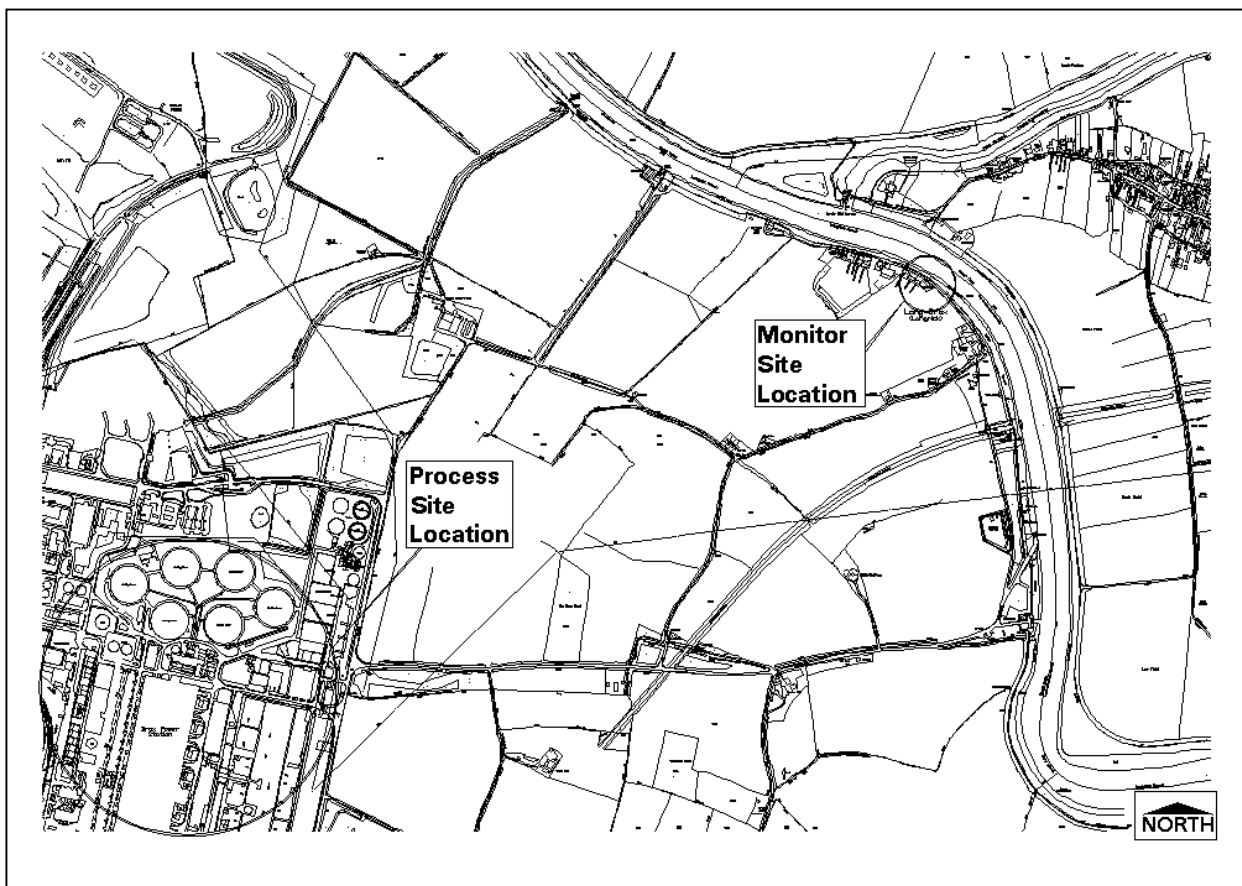
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) | V (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|
| Annual mean | 0.004 | 0.47 | 0.14 | 1.25 | 0.047 | 2.60 |
| Min. weekly concentration | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 | 0.44 |
| Max. weekly concentration | 0.010 | 1.48 | 1.59 | 5.96 | 0.23 | 5.37 |
| % data capture | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 | 0.44 |



Site Code : 21
 Address :Pebble Hall
 Long Drax, Selby
 YO8 8NH
 OS Grid Reference : 468170,428405

Industrial Process : Drax Power Station
 Process type: Coal fired power station with FGD

Pollutants Measured : Pb, Cd, As, Ni, Hg



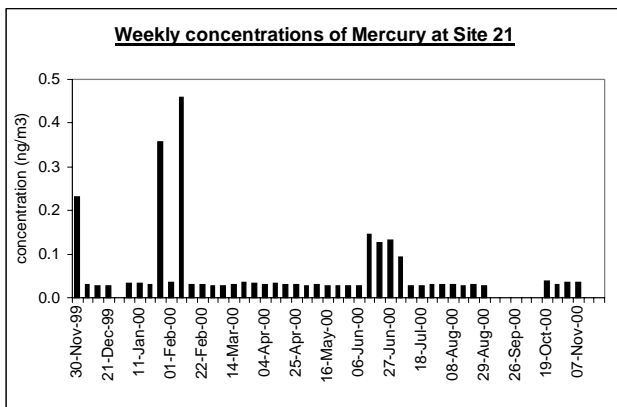
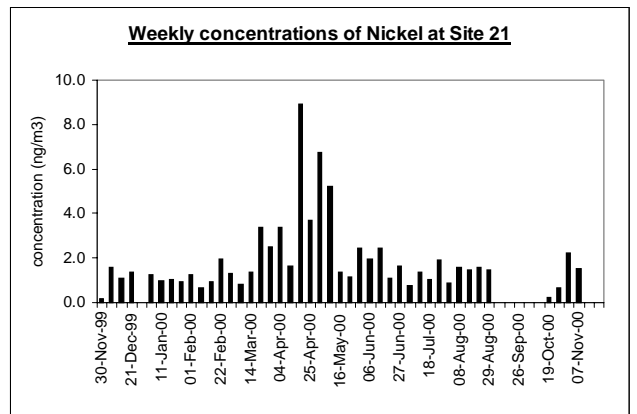
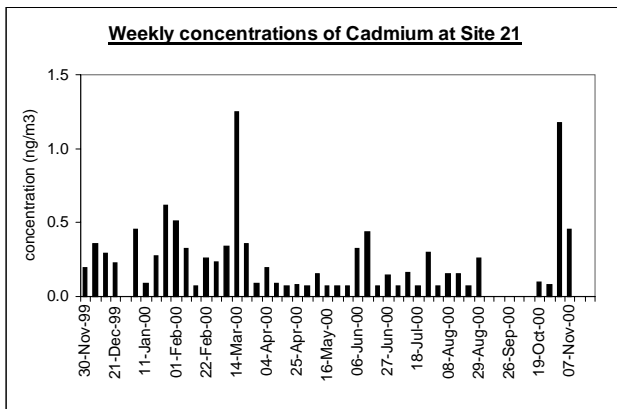
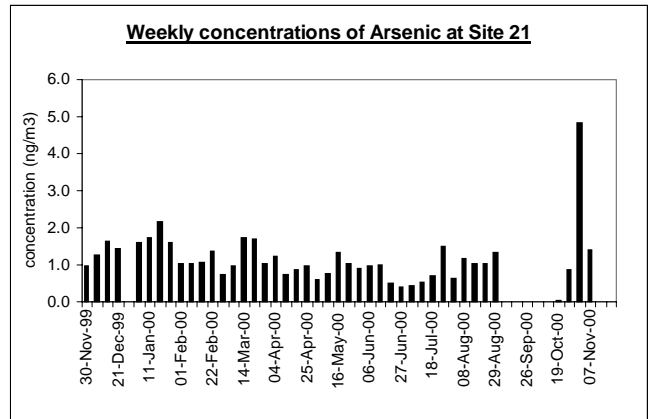
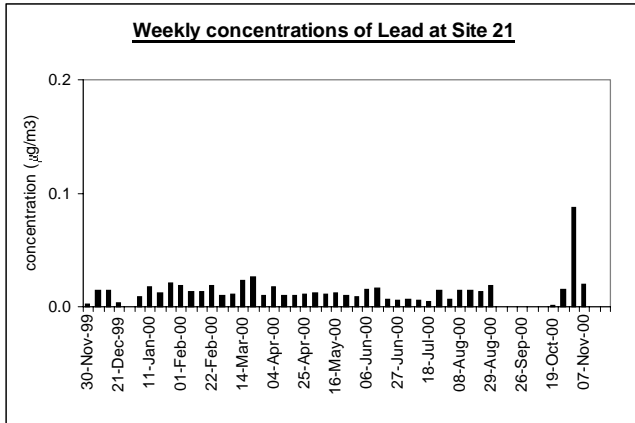
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Site description :

The monitoring station is located in the rear garden of a private residence within the residential area of Long Drax. The site is 2.6km North East of the power station stack.

Summary statistics (Particulate Phase)

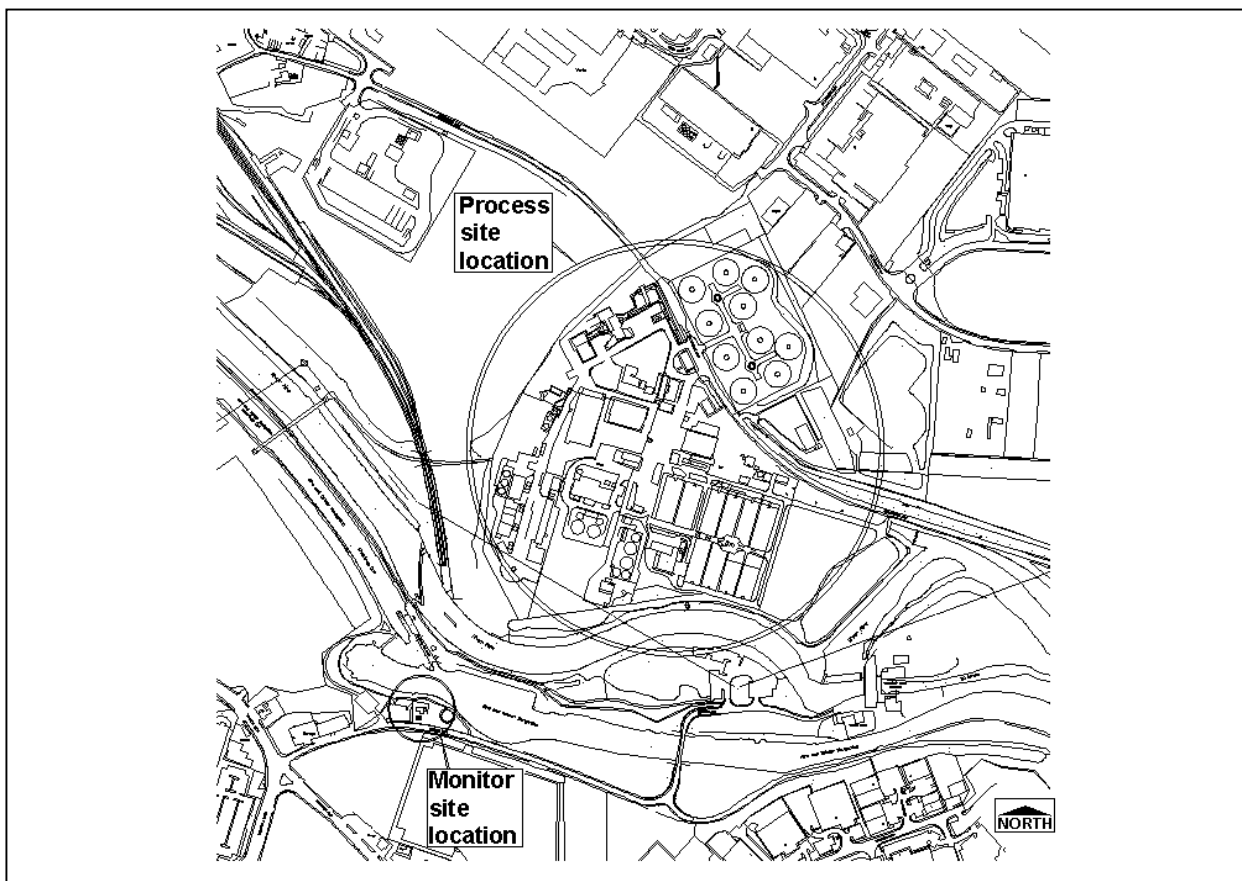
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.014 | 1.16 | 0.25 | 1.88 | 0.06 |
| Min. weekly concentration | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.090 | 4.84 | 1.25 | 8.93 | 0.46 |
| % data capture | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 22
 Address : Lock Keepers Cottage
 Twaite Lane, Stourton
 LS10 1RN
 OS Grid Reference : 432245,431180

Industrial Process : White Rose Environmental
 Process type: Clinical Waste Incineration

Pollutants Measured : Pb, Cd, As, Ni, Hg



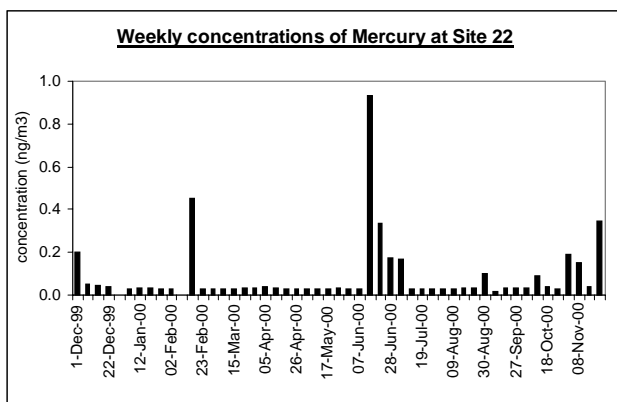
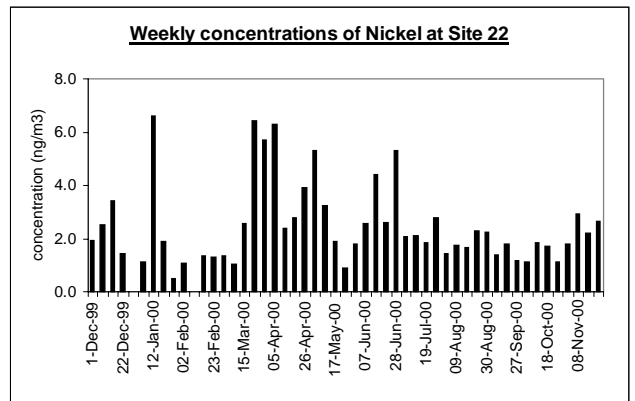
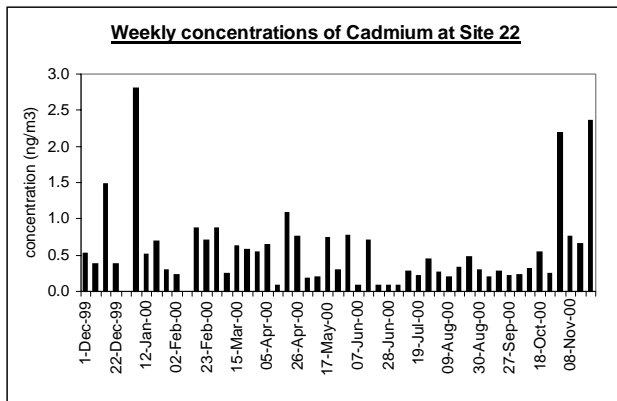
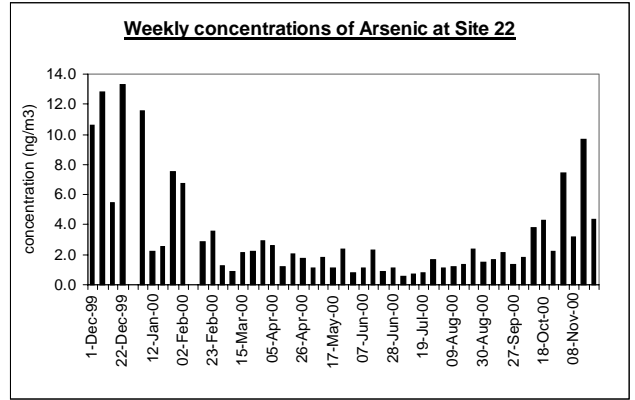
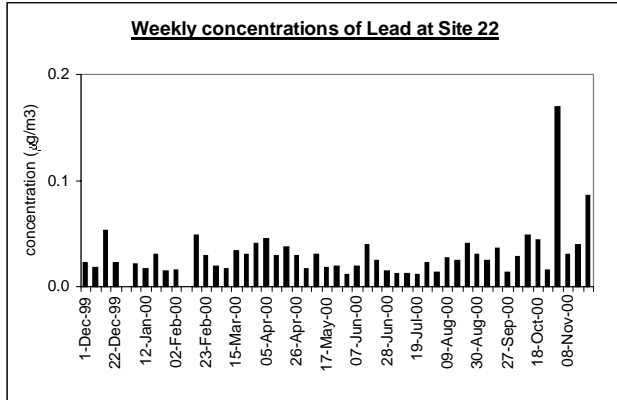
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Site description :

The monitoring station is located to the south of the White Rose plant approximately 400m from the 40m high stacks. The area is open and only sparsely populated. No obvious site downwind of the process exists.

Summary statistics (Particulate Phase)

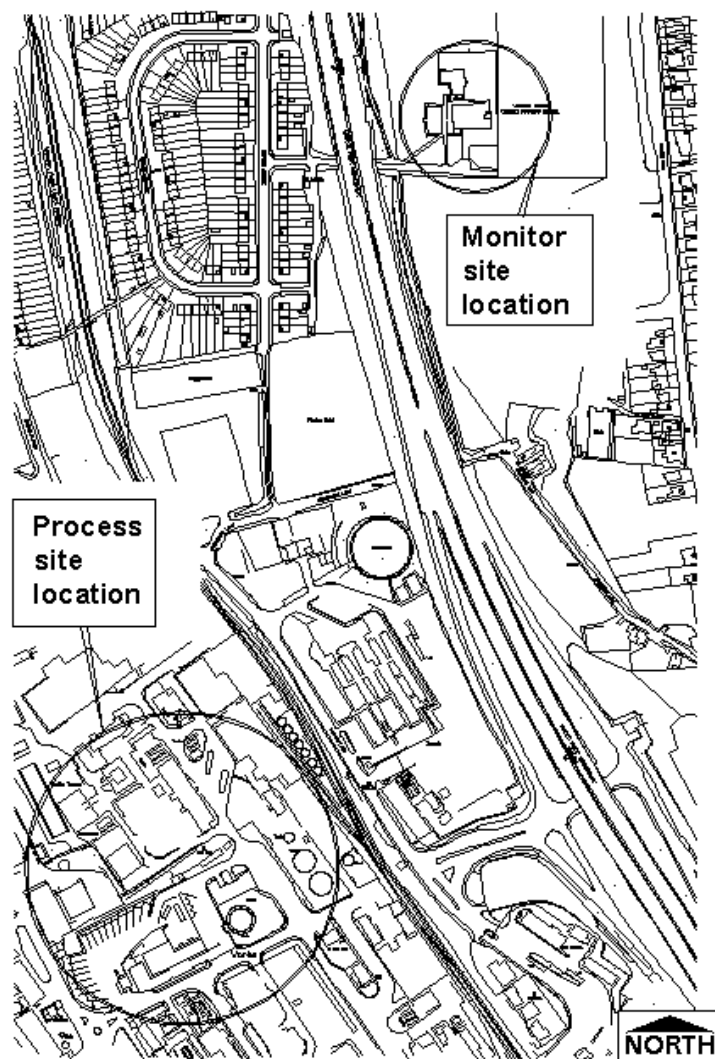
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.031 | 3.31 | 0.57 | 2.48 | 0.09 |
| Min. weekly concentration | 0.011 | 0.57 | 0.14 | 0.52 | 0.06 |
| Max. weekly concentration | 0.170 | 13.32 | 2.81 | 6.61 | 0.93 |
| % data capture | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 23
 Address : Weston C. P. School
 Caster Avenue, Weston Point, Runcorn
 WA7 4EQ
 OS Grid Reference : 350335,381295

Industrial Process : ICI Chemicals and Polymers Plc.
 Process type: Chloralkali

Pollutants Measured : Pb, Cd, As, Ni, Hg



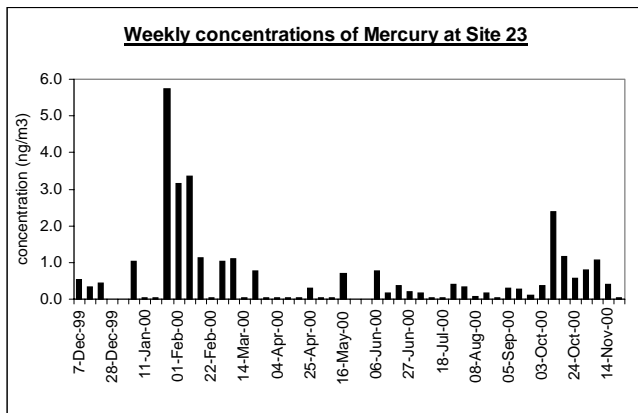
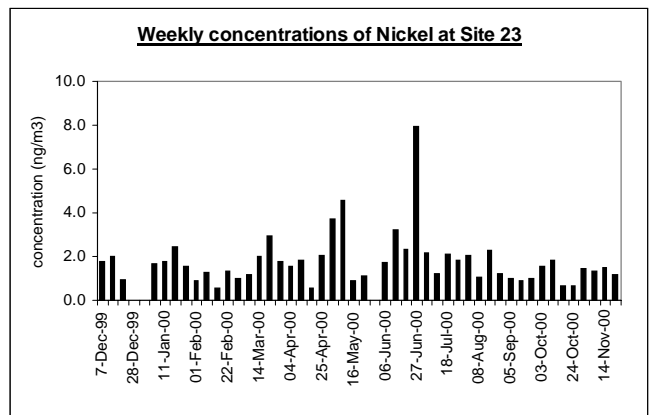
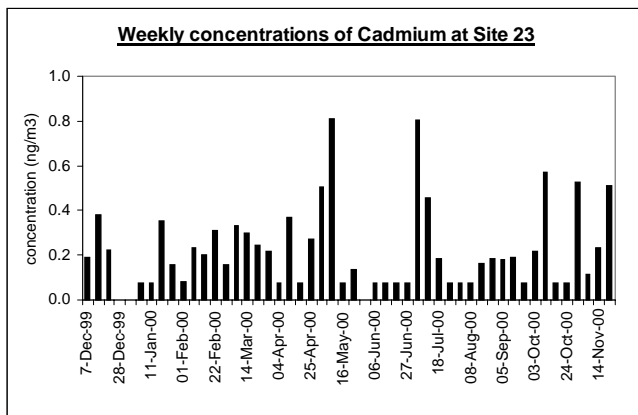
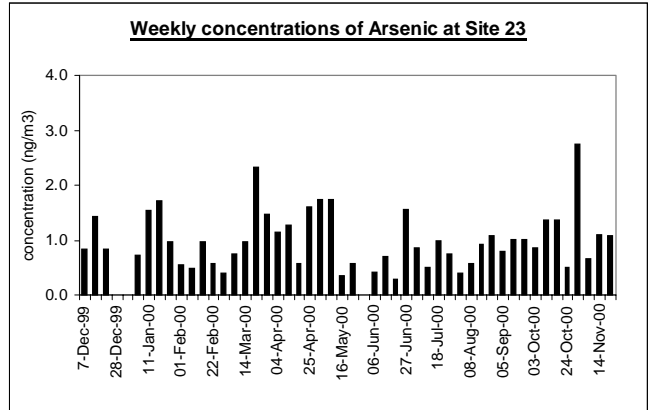
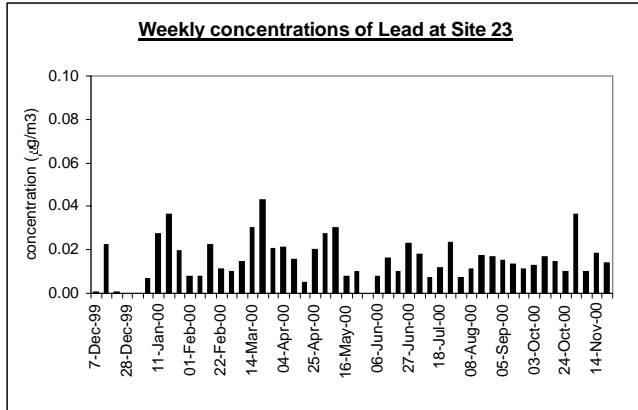
Site description :

The monitoring station is located on the roof-top of a single-storey building within the grounds of a local school. The site lies 650m East from the site boundary on rising land overlooking the River Mersey and the ICI plant. It is adjacent to a residential area and the A557 road.

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Summary statistics (Particulate Phase)

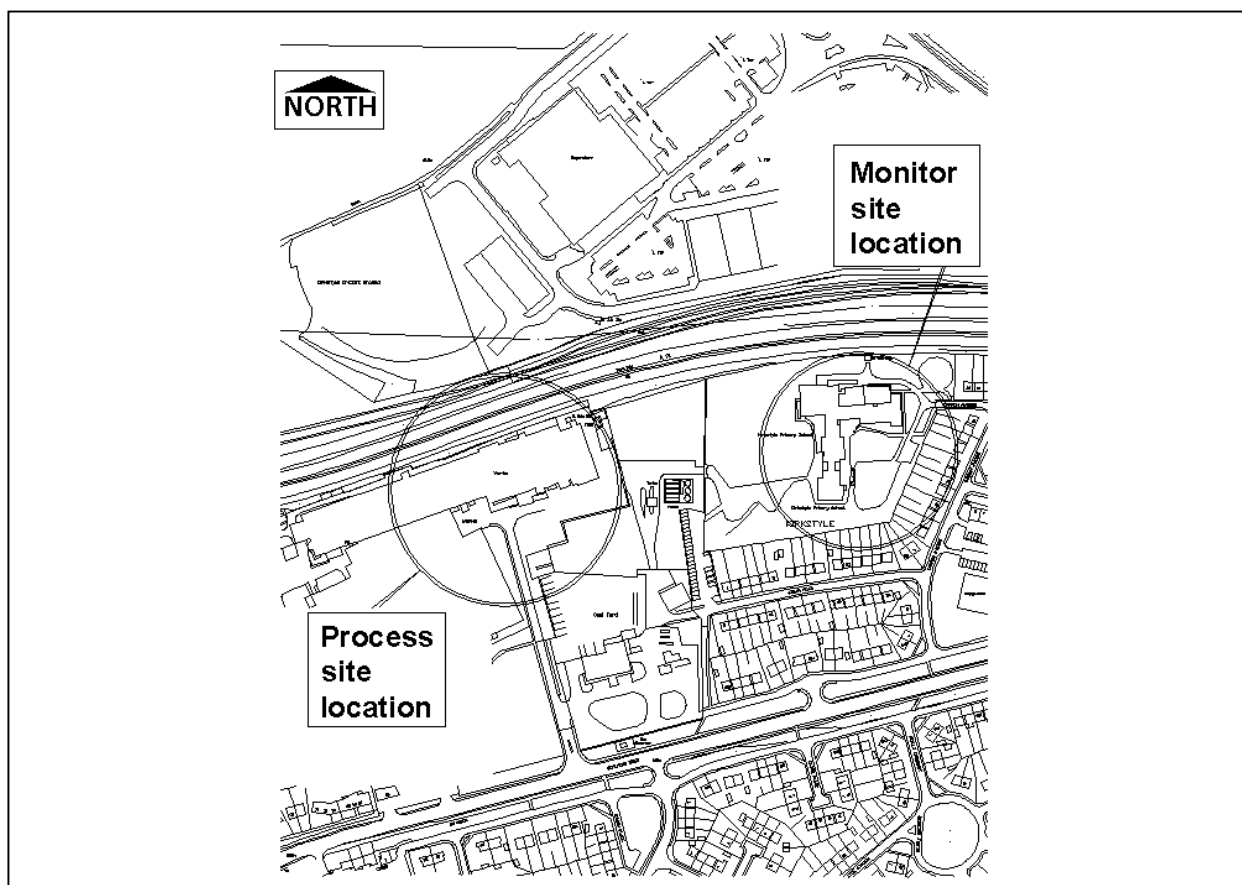
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.017 | 1.00 | 0.23 | 1.78 | 0.64 |
| Min. weekly concentration | 0.001 | 0.28 | 0.14 | 0.55 | 0.06 |
| Max. weekly concentration | 0.040 | 2.74 | 0.81 | 7.96 | 5.75 |
| % data capture | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 24
 Address : Kirkstyle Primary School
 Carron Avenue, Kilmarnock
 KA1 3NF
 OS Grid Reference : 243410,636530

Industrial Process : Glacier Vandervell Ltd.
 Process type: Non-ferrous alloy

Pollutants Measured : Pb, Cd, As, Ni, Hg



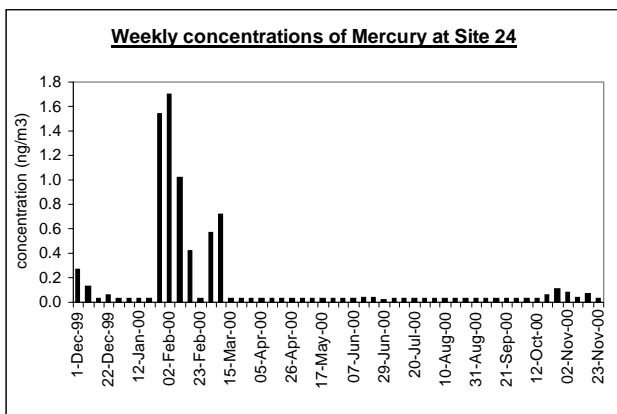
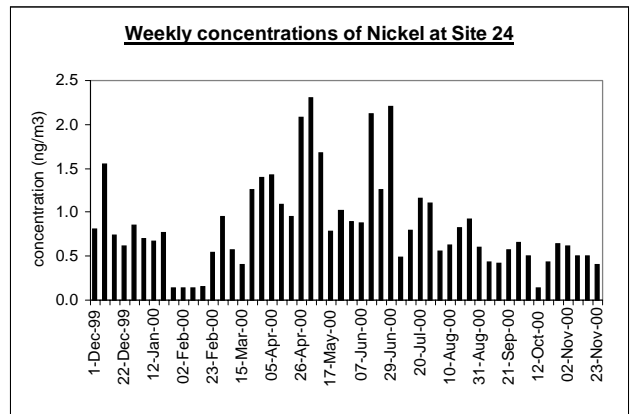
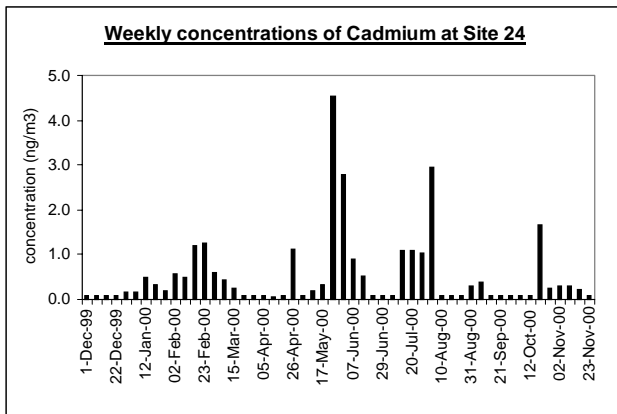
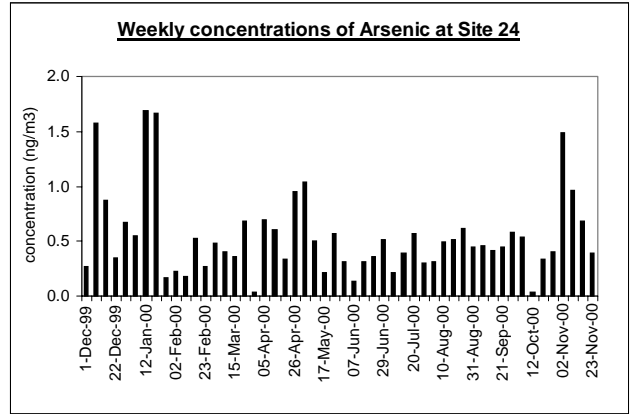
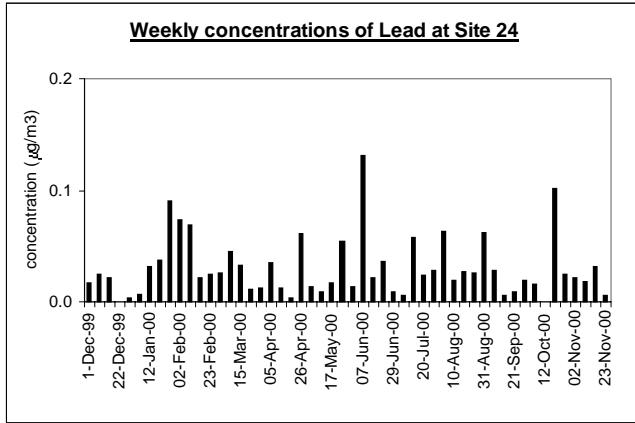
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Site description :

The monitoring station is located on the roof-top of a single-storey building within the grounds of a nearby primary school. The site is approximately 130m east of the works site boundary and is adjacent to a residential area and the busy A71.

Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.030 | 0.54 | 0.53 | 0.85 | 0.15 |
| Min. weekly concentration | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.130 | 1.69 | 4.53 | 2.30 | 1.70 |
| % data capture | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 25
 Address : Victoria Park
 Park Avenue, Belfast
 BT4 1LL
 OS Grid Reference :

Industrial Process : Belfast Harbour Estate
 Process type: Mixed Industrial Area

Pollutants Measured : Pb, Cd, As, Ni, Hg



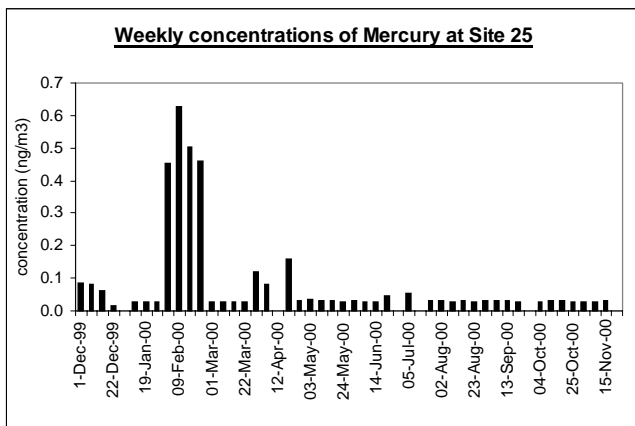
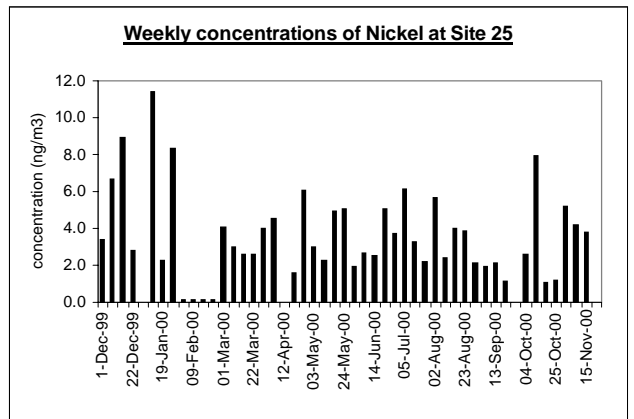
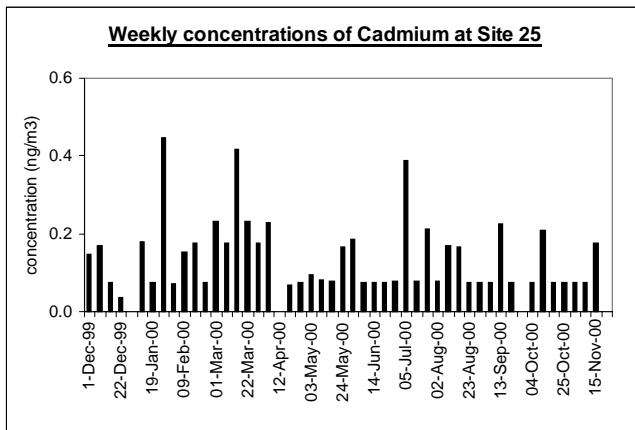
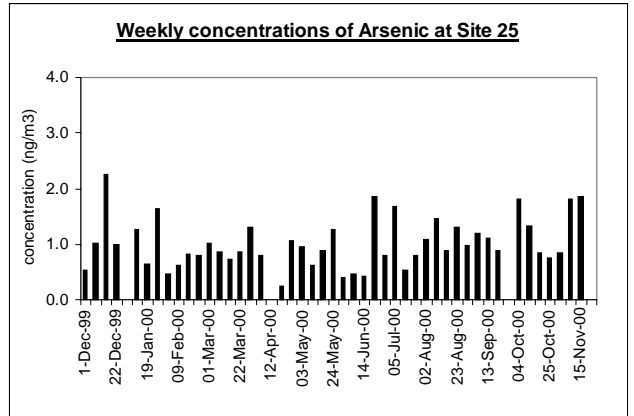
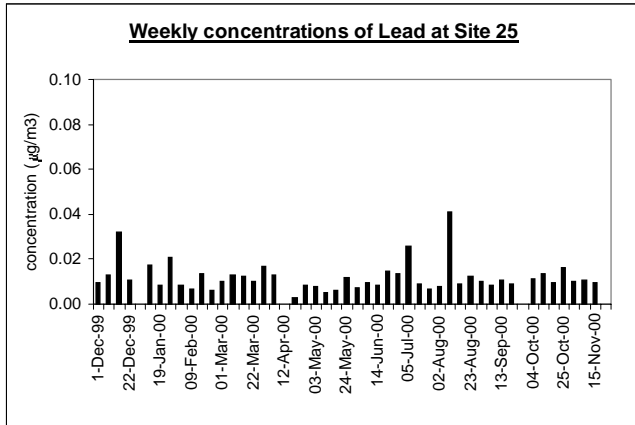
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Site description :

The monitoring station is located within the grounds of Victoria Park adjacent to the bowling green. The Park is a small public space near the residential dwellings of Sydenham on the eastern edge of the Sydenham by-pass. The monitoring station is approximately 800 metres from the nearest single-storey industrial unit of the Belfast Harbour Estate downwind of the main industrial area.

Summary statistics (Particulate Phase)

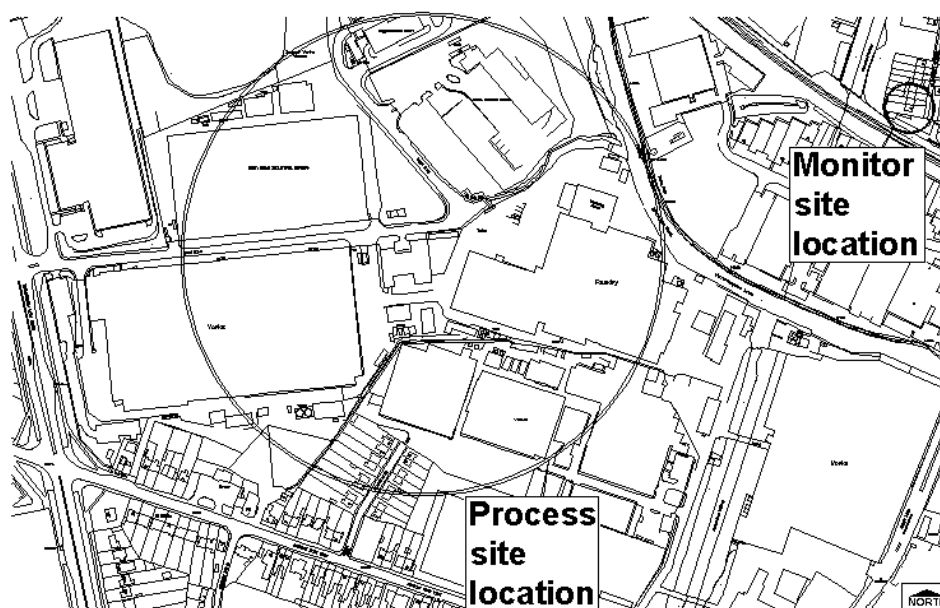
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.012 | 1.01 | 0.14 | 3.59 | 0.08 |
| Min. weekly concentration | 0.003 | 0.24 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.040 | 2.26 | 0.45 | 11.38 | 0.63 |
| % data capture | 88.5 | 88.5 | 88.5 | 88.5 | 86.5 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 26
 Address : 1 Bloomfield Terrace
 Bloomfield, Sandwell
 DY4 9BX
 OS Grid Reference : 394970,292925

Industrial Process : Bruhl UK Ltd
 Process type: Iron foundry (hot-blast cupola)

Pollutants Measured : Pb, Cd, As, Ni, Hg



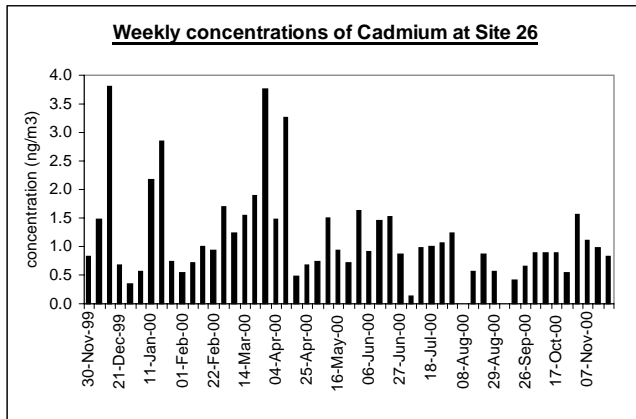
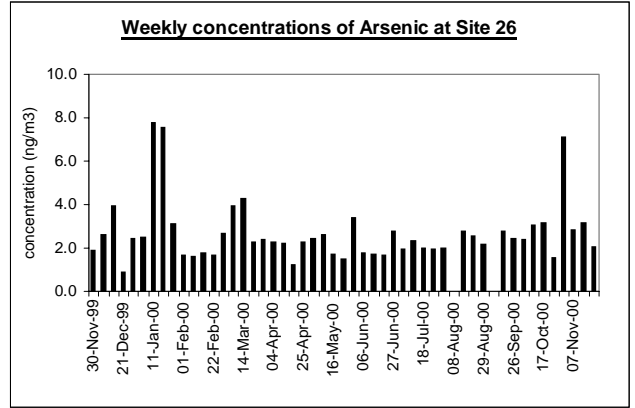
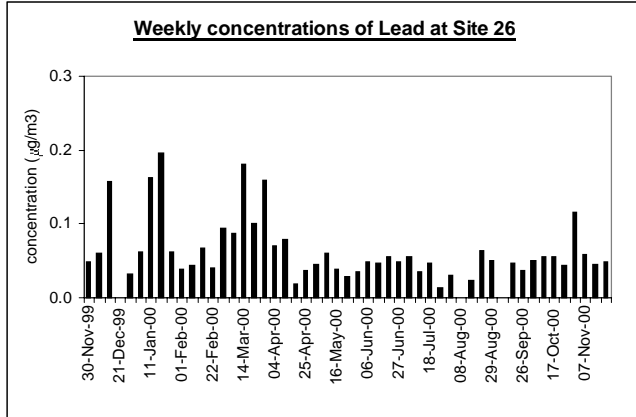
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Site description :

The monitoring station is located in the rear garden of a private residence within a nearby residential area. The site is approximately 300m North East of the site and is adjacent to a railway embankment.

Summary statistics (Particulate Phase)

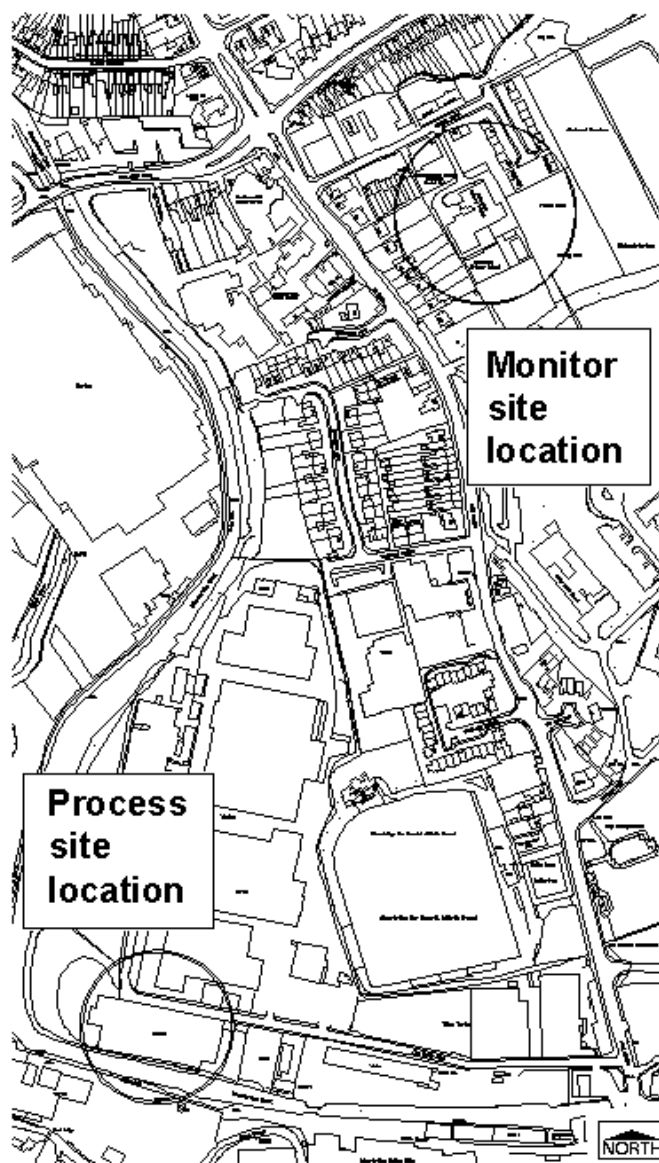
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.063 | 2.67 | 1.18 | 13.39 | 0.24 |
| Min. weekly concentration | 0.001 | 0.91 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.200 | 7.80 | 3.80 | 48.56 | 1.91 |
| % data capture | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 27
 Address : Amblecote Primary School
 School Drive, Stourbridge
 DY8 4DQ
 OS Grid Reference : 389610,284875

Industrial Process : Sidney Smith
 Process type: Iron foundry (cold-blast cupola)

Pollutants Measured : Pb, Cd, As, Ni, Hg



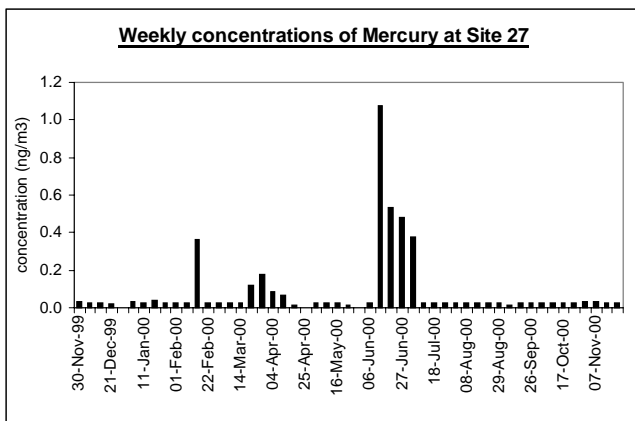
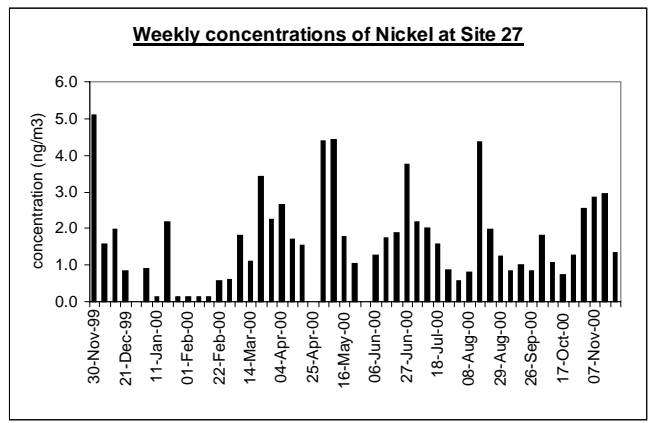
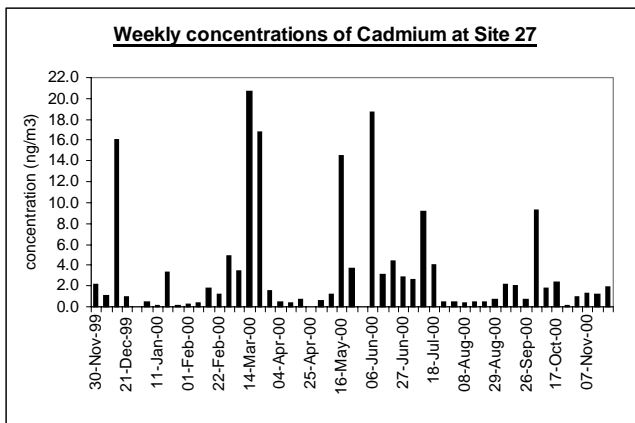
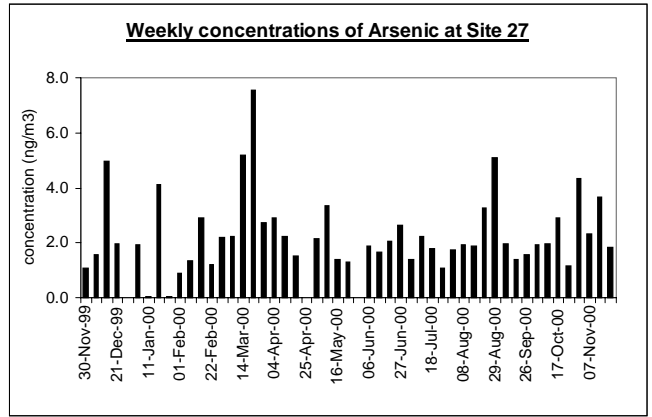
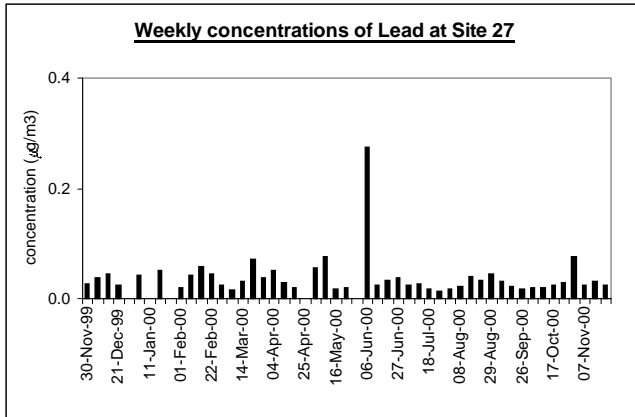
Site description :

The monitoring station is located on the roof-top of a single-storey building within the grounds of a local primary school. The sampling location is 825 m North East of the site in a residential and light industrial area with a number of leaded glassworks in the vicinity.

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Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.037 | 2.30 | 3.50 | 1.71 | 0.09 |
| Min. weekly concentration | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.28 | 7.57 | 20.66 | 5.10 | 1.08 |
| % data capture | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 28

Address : Hulme Walfield Farm

Congleton

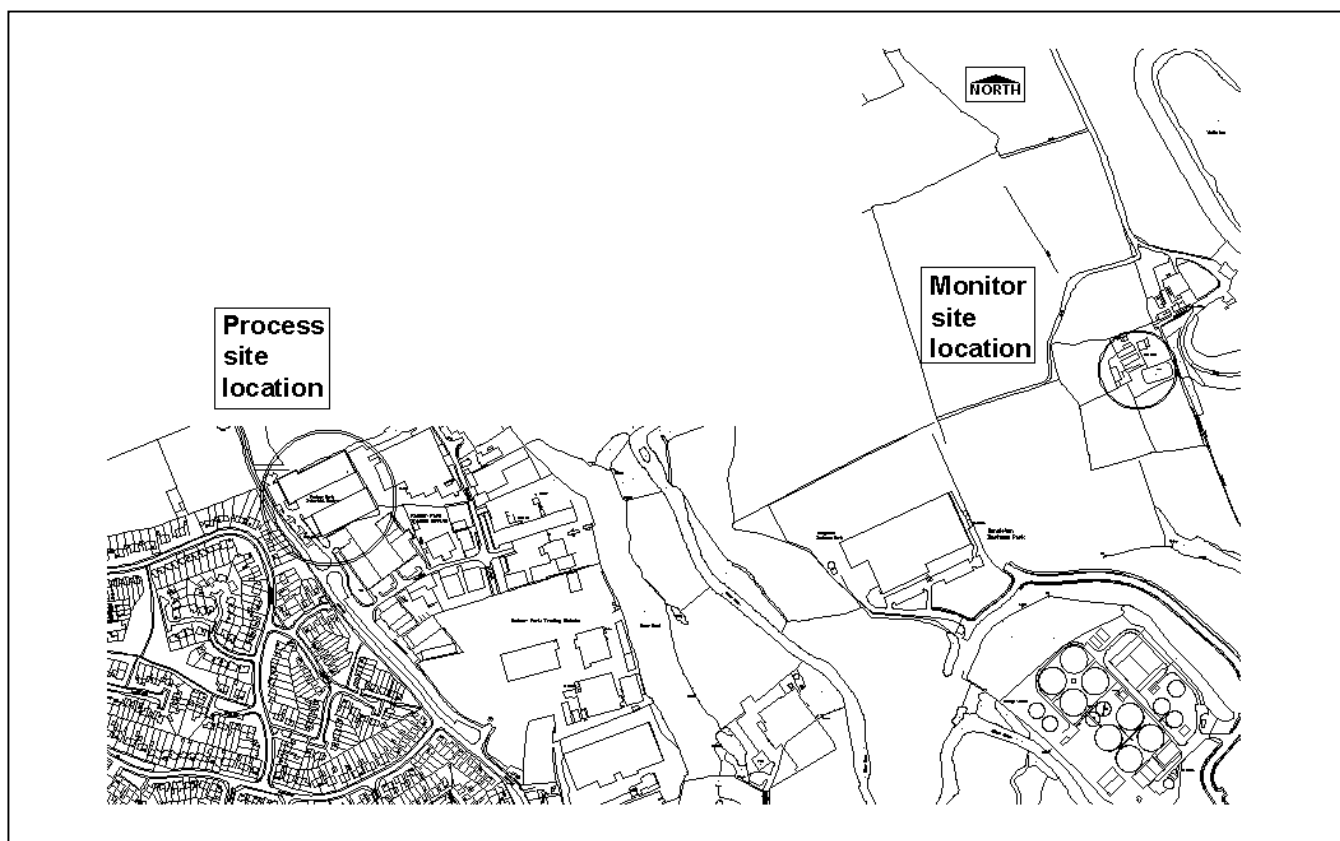
CW12 2JJ

OS Grid Reference : 385360,364080

Industrial Process : FE Mottram Ltd

Process type: Non-Ferrous Part B

Pollutants Measured : Pb, Cd, As, Ni, Hg



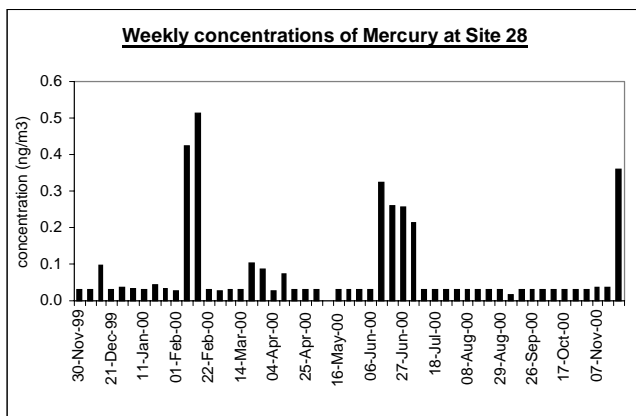
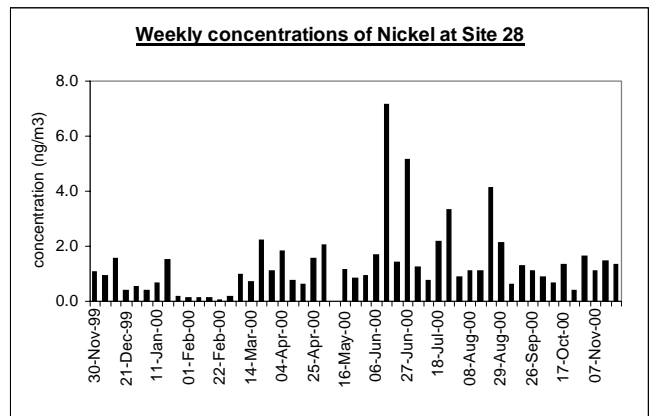
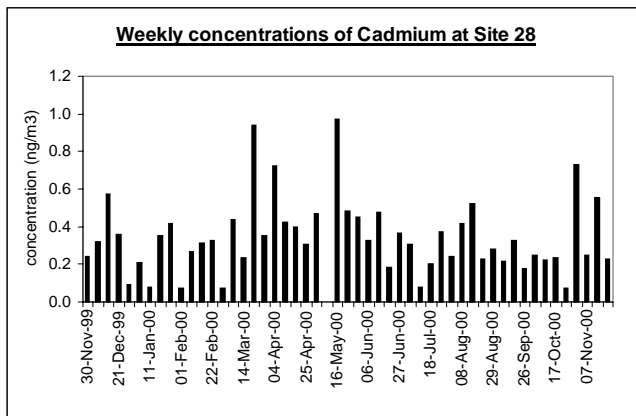
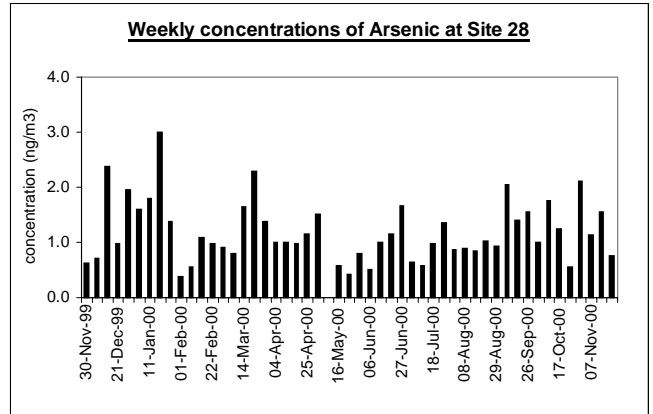
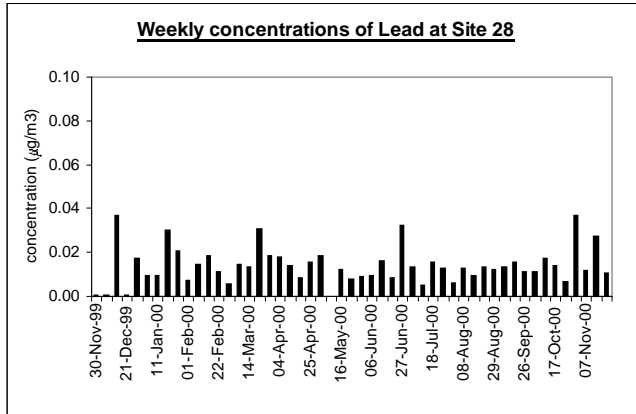
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Site description :

The monitoring station is located approximately 750m to the NE of the site. Home Farm is located in a small hamlet. The monitoring station is located adjacent to farm out-buildings.

Summary statistics (Particulate Phase)

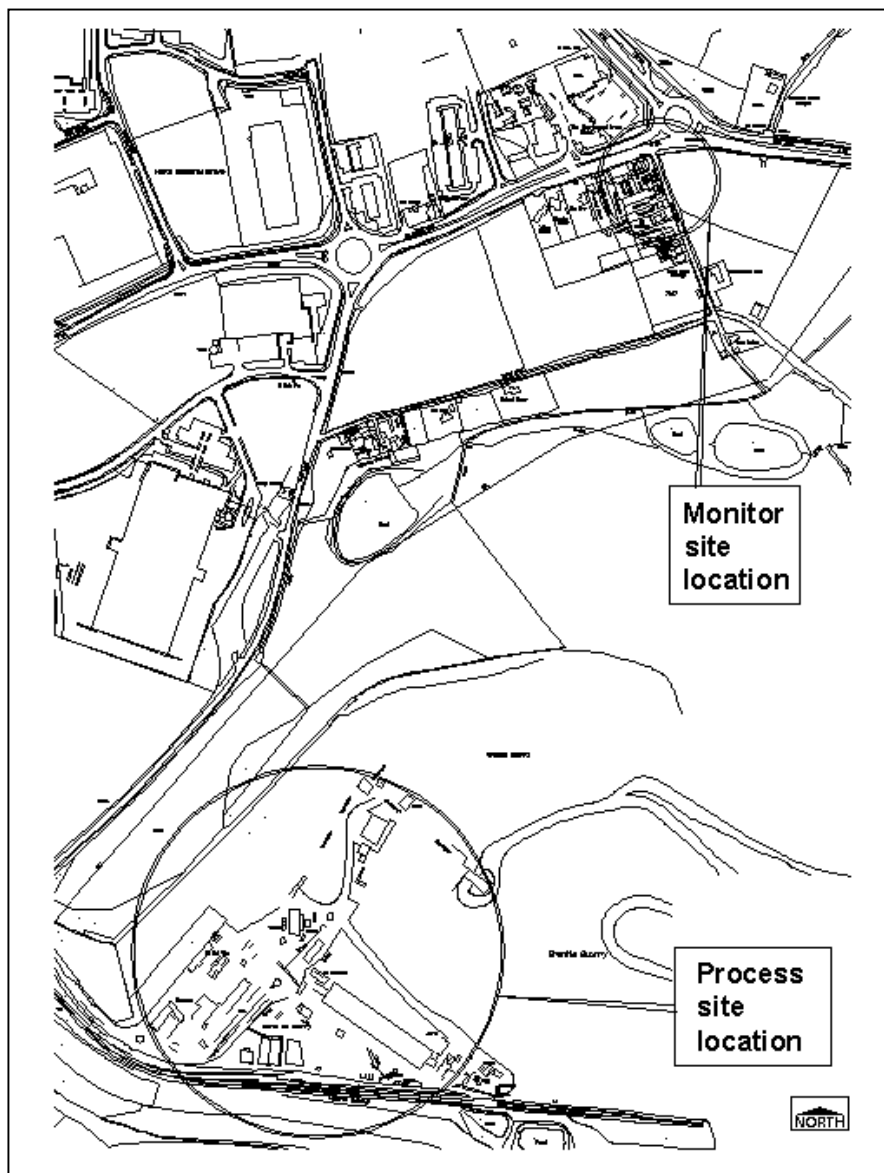
| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.014 | 1.19 | 0.34 | 1.34 | 0.08 |
| Min. weekly concentration | 0.001 | 0.37 | 0.14 | 0.29 | 0.06 |
| Max. weekly concentration | 0.040 | 3.00 | 0.97 | 7.18 | 0.51 |
| % data capture | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



Site Code : 29
 Address : East Lane
 Bardon, Coalville, Leicestershire
 LE67 1TG
 OS Grid Reference : 445755,311815

Industrial Process : Cliffe Hill Quarry
 Process type: Roadstone Coating Plant

Pollutants Measured : Pb, Cd, As, Ni, Hg



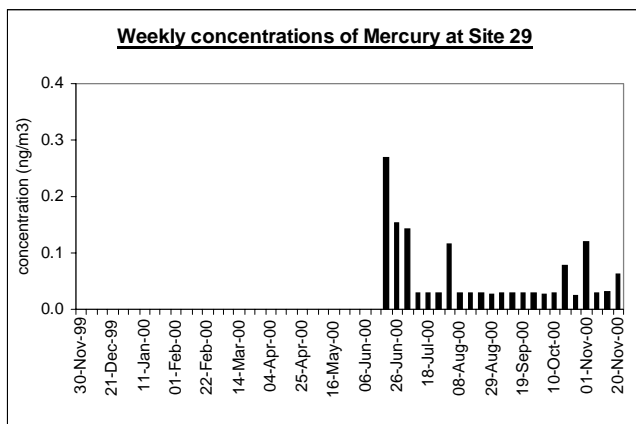
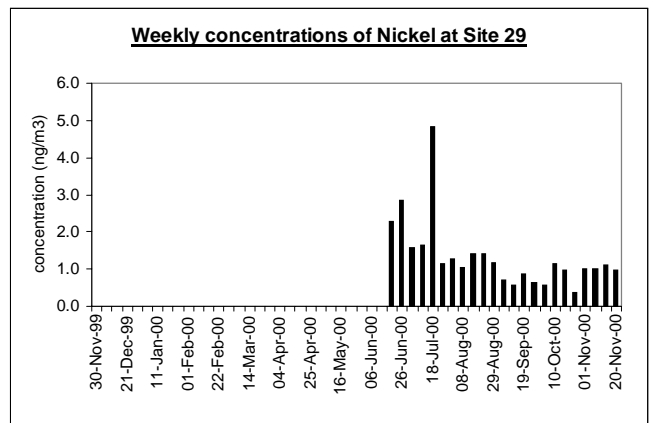
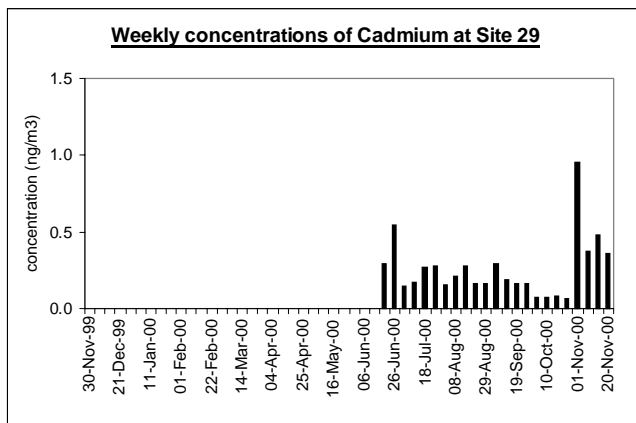
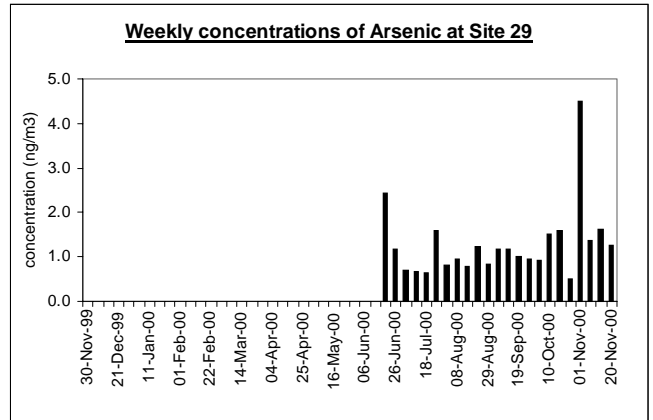
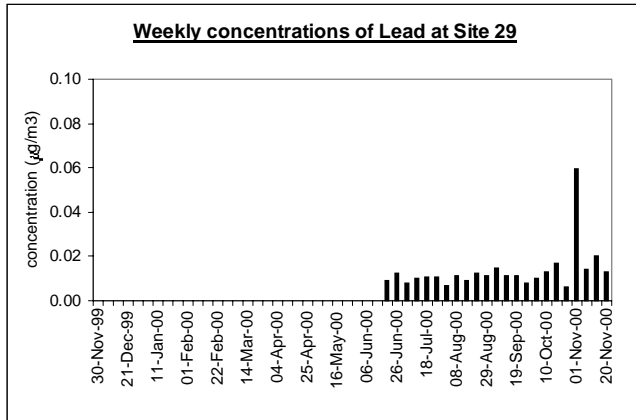
Site description :

The monitoring station is located approximately 750m to the NE of the site. The monitoring station is located in the grounds of a car repair workshop in a small residential area.

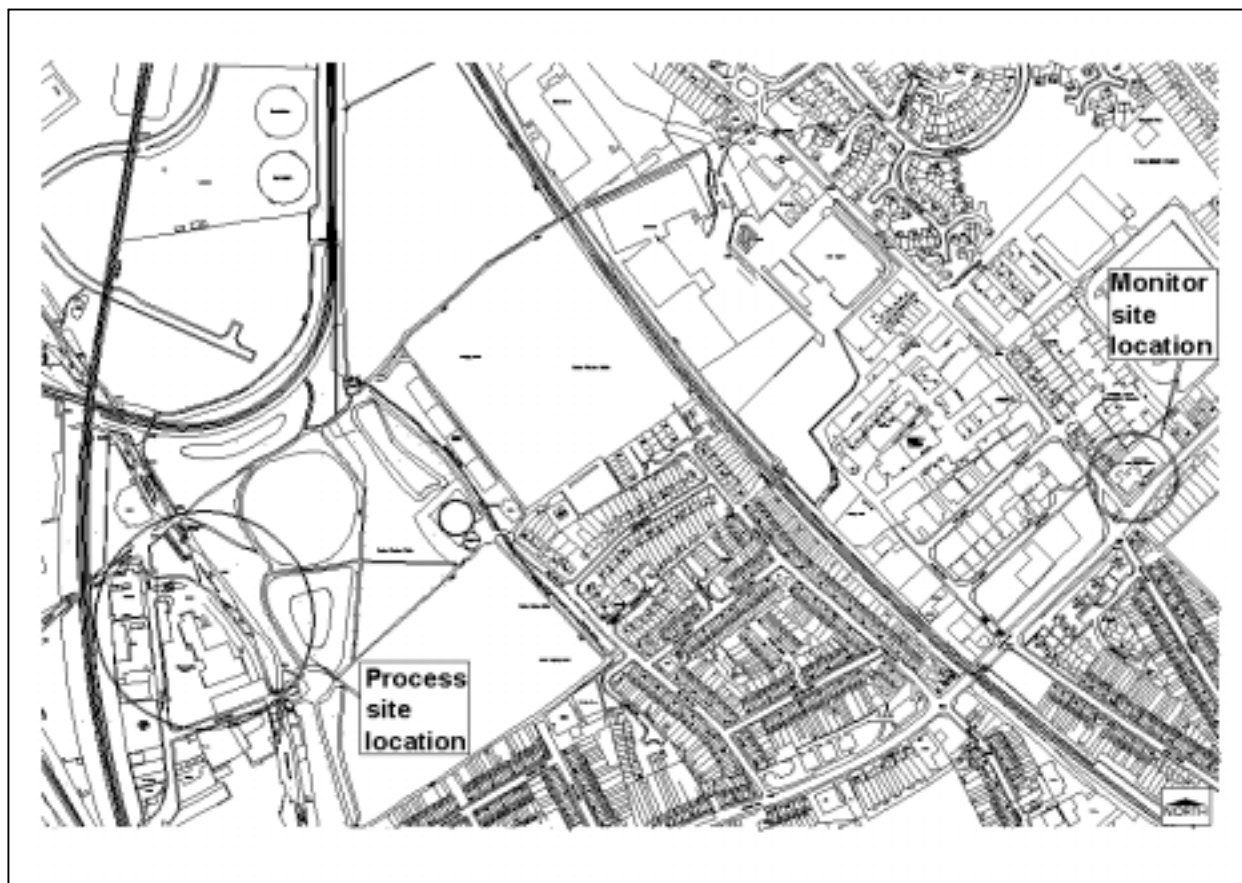
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Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.013 | 1.28 | 0.26 | 1.33 | 0.06 |
| Min. weekly concentration | 0.006 | 0.50 | 0.14 | 0.36 | 0.06 |
| Max. weekly concentration | 0.060 | 4.50 | 0.95 | 4.81 | 0.27 |
| % data capture | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |



| | |
|--|--|
| Site Code : 30 | Industrial Process : Wolverhampton Municipal Waste Incinerator |
| Address : Park Village Community Centre Wolverhampton WV10 9QB | Process type: Municipal Waste Incinerator |
| OS Grid Reference : 392645,300140 | Pollutants Measured : Pb, Cd, As, Ni, Hn |



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Site description :

The monitoring site is located within the grounds of a local community centre, adjacent to residential properties.

Summary statistics (Particulate Phase)

| Statistic | Pb ($\mu\text{g}/\text{m}^3$) | As (ng/m^3) | Cd (ng/m^3) | Ni (ng/m^3) | Hg (ng/m^3) |
|---------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Annual mean | 0.055 | 3.11 | 0.82 | 1.78 | 0.10 |
| Min. weekly concentration | 0.002 | 1.00 | 0.14 | 0.30 | 0.06 |
| Max. weekly concentration | 0.270 | 8.84 | 2.00 | 11.52 | 0.61 |
| % data capture | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| LOD | 0.001 | 0.06 | 0.14 | 0.29 | 0.06 |

