



Buchanan and St Ambrose High Schools

June 6 2019

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Summary

- Site History
- Site Remediation
- Water Quality
- Public Health

Site History

- 1860s – Open grassland with coal pits and adjacent railway.
- 1930s – housing constructed to the north of site
- 1945 – 1972 – active landfill site
- 1990s – site landscaped and utilised as sports pitches
- 2007 - Following consultation exercise, decision taken to build new school campus.

Site Remediation

- Site Investigation undertaken in 2008:
 - Results assessed against a standard that the land would be for residential use, for a 0-6 year old female exposed to 365 days per year.
 - Site was suitable for use.

Site Remediation

- Further detailed risk assessment undertaken in 2010.
- Conclusion was that site would be suitable for use and no specific actions for any material.
- However, following recommendations made:
 - Risk management during development to deal with any issues during construction.
 - Incorporation of gas protection measures within school building.

Site Remediation

- Remediation principle:
 - Source
 - Pathway
 - Receptor

Site Remediation

- Remediation actions taken:
 - 110 validation samples taken during construction
 - 5 lead hot spots identified and contained beneath sports pitches, car park and school building.
 - 2 areas affected by asbestos – removed from site.
 - Material identified as not suitable for reuse removed.
 - All exposed landscaped areas covered in a minimum of 0.6m of clean imported soil.

Site Remediation

- Gas Protection Measures
 - Gas resistant membrane installed beneath school building.
 - Active gas venting system installed within school building.
- Water Supply Pipe
 - Wrapped iron supply pipe fitted.
 - Inspected and approved by Scottish Water
- Site safe and fully fit for purpose

Water Quality

- “Blue Water” concerns received in 2017.
- Not an unique problem.
- Cause due to copper piping.
- First solution – regular flush system.
- Not fully effective.
- Samples taken of water supply across school campus – evidence of Copper levels higher than recommended levels.
- Sample at inlet proved satisfactory.

Water Quality

- Following sample results decision taken to replace all copper piping within school.
- Undertaken during Oct/ Nov 2018
- Number of samples taken since and all have been found to be satisfactory.
- No further complaints of “blue water”
- Final copper pipe replacement being undertaken over school holiday
- Cause associated with commissioning period.

Information

- Media coverage
- Lack of transparency
- All information now available at one location:
- [www.northlanarkshire.gov.uk/
BuchananStAmbrose](http://www.northlanarkshire.gov.uk/BuchananStAmbrose)