
Application for Permit Variation

Permit N° 53997 (New Tip)

Document NTPV 02 (C2)

Non-Technical Summary

Detailed investigations have been carried out across site by Urban Springside Ltd. to better understand the site environmental and technical considerations required to enable both tips to be developed for residential end land use. The following synopsis by geo-environmental consultants Smith Grant LLP outlines the approach to be adopted accepted by Bruce Westwood (Environment Officer – Cumbria and Lancashire Area), assisted by Jordon Gibson (Technical Specialist, Geoscience Operations Team, National Permitting Service), with the appropriate permit variations. A topographic landform plan detailing the approximate extents of both tips is also included for reference purposes.

*Contaminated Land
Air Quality
Environmental Audit*

Partnership No: OC 300776

Former Springside (Kruger) Works, Belmont Road, Blackburn and Darwen Lancashire:

Non-Technical Summary to support the submission to vary the 'New Tip' Permit (EAWML53997) enabling excavation and treatment of waste materials

Urban Springside Ltd. has acquired the Springside Mills property at Belmont, Lancashire. The Mills are a closed, and now derelict, paper mill previously operated by Charles Turner & Co. Urban Springside Ltd. intends to redevelop the property to residential end land use and has planning permission, issued by Blackburn with Darwen Borough Council, to this effect.

The property includes two disused landfills which were associated with the former works; operated under old Waste Management Licences for the purposes of receiving industrial wastes generated by the mill. The 'Old Tip' (EAWML 53658), is the larger and older of the two landfills and the restoration to amenity and conservation uses has already been agreed. The 'New Tip' (EAWML 53997), is a relatively small and fully-lined site which only received paper effluent treatment sludge intended for temporary storage whilst the majority of sludges from the mill were removed for land-spreading to improve agriculture. This sludge has been well characterised and principally consists of water, fine limestone, clay fillers and cellulose fibres containing no hazardous substances (although leachate present within the 'New Tip' could be polluting if allowed to directly discharge to surface waters).

In order to develop the 'New Tip' site and its surroundings, it is first necessary to remove the sludge wastes, which amount to about 3,000m³, and the landfill liner before placing engineered fills to achieve the planned development platform. The removal of the 'New Tip' contents and associated infrastructure will make possible the surrender of the 'New Tip' environmental permit.

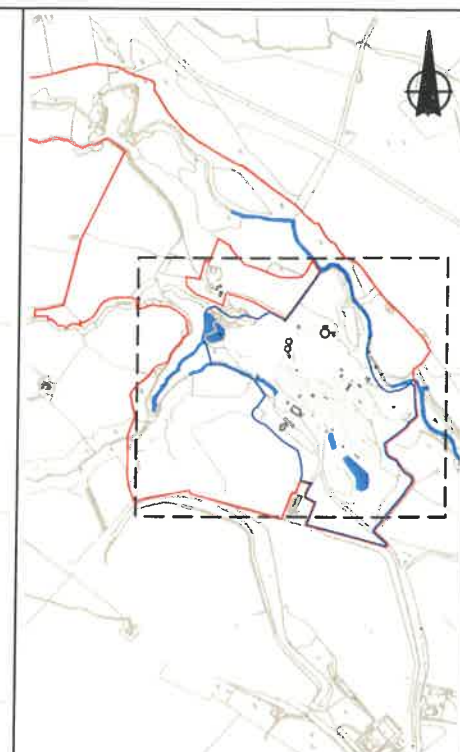
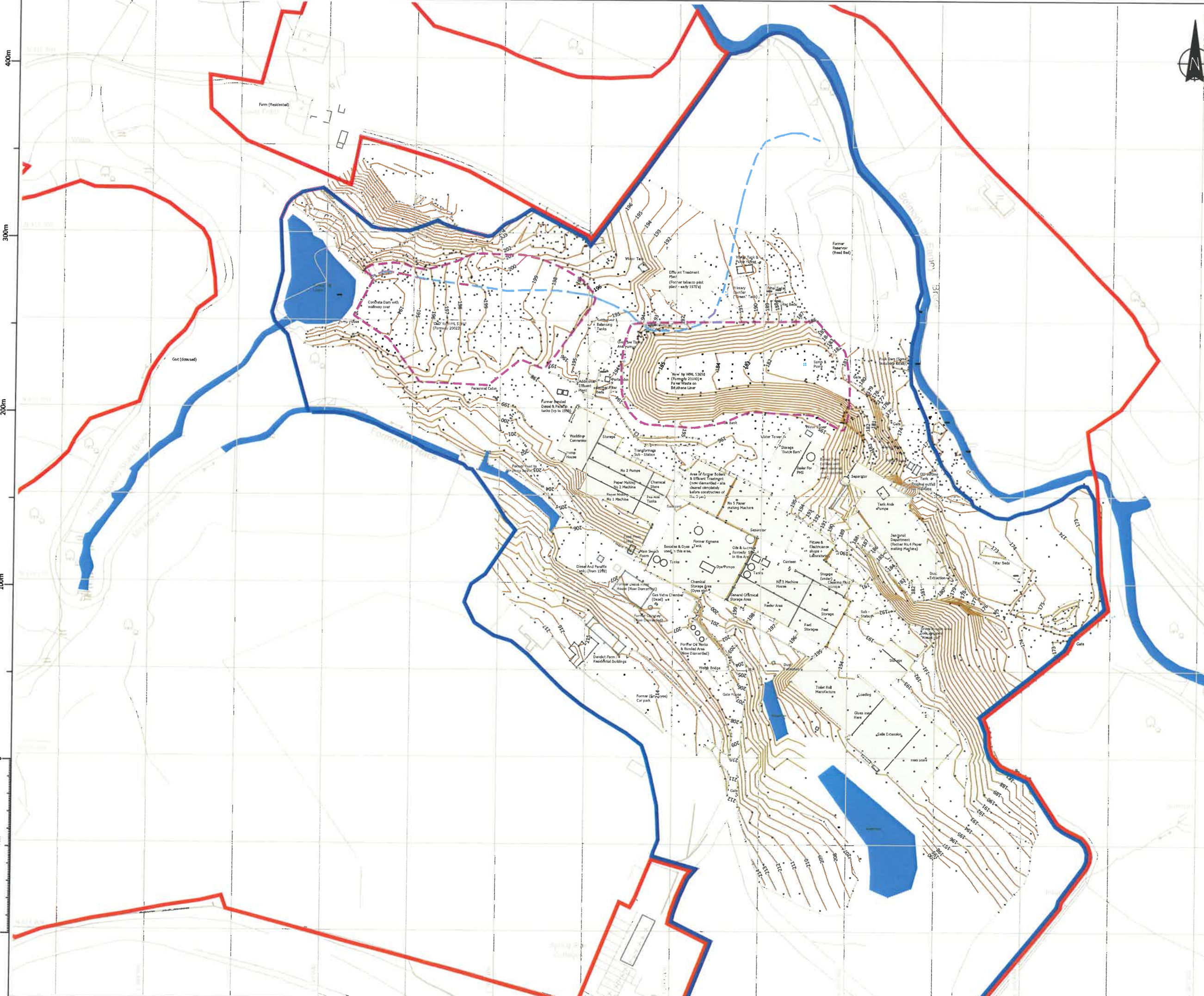
Urban Springside Ltd. has carried out investigations and trials that demonstrate that the 'New Tip' waste sludge can be treated and used for beneficial purposes as an integral part of the restoration of the 'Old Tip' without causing significant pollution. The Environment Agency has issued a deployment notice (*ref. EB3704LN/W0001*) for specialist contractor Urban Soil Solutions Ltd. to carry out specified treatment of the 'New Tip' waste sludge to transform it into a more geotechnically stable substrate that will be used within the lower level of the cover system design for the 'Old Tip'. The Environment Agency believes that because the existing permit relates to the deposition of waste materials only, it is necessary to amend the 'New Tip' permit to allow excavation and treatment of the wastes.

The primary objective of amending the 'New Tip' permit is therefore to define and allow the excavation and treatment of waste sludge within the 'New Tip' and to specify the measures to be adopted to ensure that the operation is managed and suitably monitored to ensure that pollution is not caused. These arrangements are set out in the waste treatment Deployment Notice. The complete removal of the treated wastes will then facilitate the eventual surrender of the 'New Tip' permit.

Risk assessment of the proposals has demonstrated minor risk from leachate during the excavation and handling of sludge, and arrangements are in place to fully contain and treat such leachate to enable discharge under an existing Consent to Discharge (NPSWQD006635) or removal by tanker for disposal off site at a suitable facility. Other risks from ground gas, odour, dust, fire, vermin, flies, litter are negligible. Once treated, the waste sludge presents no greater risk than conventional capping materials, the use of which will be reduced by the proposals. Monitoring arrangements during the works include a programme of gas and leachate monitoring via boreholes around the site perimeter, daily inspections of surface runoff water and a programme of monitoring surface waters connected to the site followed by verification of the removal of polluting materials from the 'New Tip'.



B J Thomas (Member)
BSc MSc MCIWEM C.Env SiLC



Location Plan Scale NTS

Notes:

- Ownership boundary —
- Developable boundary —
- Major contour —
- Spot level x
- Buildings (within developable boundary) □
- Water bodies ■
- Culverted watercourse - - -
- Approximate tip boundaries (see note 6) - - -

- Notes**
- This plan is to be read in conjunction with all relevant drawings and specifications associated with the Former Kruger Mills works.
 - All topographic survey data detailed on this plan was extracted from drawing 'RP001/100 dated Nov 2008' provided by RJP Surveying Consultants.
 - The contours detailed on this drawing are the interpretation of Urban Regen Ltd. using the topographic survey information detailed on drawing 'RP001/100'.
 - The contours detailed below building footprints represent the slab levels of the associated building.
 - Trees / vegetation have been omitted for clarity.
 - The tip boundaries as detailed are approximates only. No definitive drawings have been found detailing the actual boundaries.

Survey Information:

Co-ord System:	Co-ord Type:	Primary Survey Control:	Secondary Survey Control:
Local	Grid	Site	OSBM

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Client:	Urban Springside Ltd
Project:	Former Kruger Tissues
Title:	Topographic landform

Scale:	1:2000 @ A3	First Issue:	14th Sept 2018	Drawn:	D.J.Woodrow	Checked:	D.J.Woodrow	
Drawing No:	USL-18-001						Revision:	