



Viridian Systems Limited

Landfill Remediation Services

Viridian Systems is able to offer engineered solutions for problem landfill infra-structure.

Services we can offer include:

- Leachate Well Remediation
- Landfill Gas Well Remediation
- Liner / Geomembrane Repairs
- Well Sleeving
- Well Sealing
- Head-works & Fabrications
- Well Extension or Lowering (HDPE & Steel)
- CCTV Well Surveys

All the works will be carried out under strict **CQA** supervision and in accordance with industry **ICoPs**. Viridian can provide all aspects of the work including our own excavator drivers and HDPE fabricators. Viridian ensure all aspects of work are carried out in accordance with strict H&S standards. Site specific RA & MS will be provided prior to works being started.



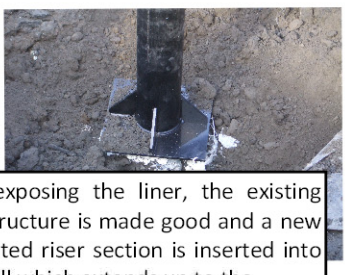
This picture shows the effects of settlement on a leachate well, causing eruption of the well through the capping system compromising the gas seal.



After careful excavation the concrete rings are exposed to allow the overall well height to be reduced.



The outer concrete chambers are then broken up and the in-situ formed concrete infill also broken down.



After exposing the liner, the existing well structure is made good and a new fabricated riser section is inserted into the well which extends up to the finished level. This fabrication offers improved rigidity and stability.



A new section of liner incorporating a 'top hat' detail is then welded in place and additional bentonite sealing applied



The soils are now reinstated and the head works and pipework re-connected. The well is now fully remediated!

Contact us now on 0151 639 8666

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