

SuRF-UK Case Study Template

Item 1 Sustainable remediation outcomes and benefits

Describe the benefits achieved by considering sustainability in this project by summarising:

- What happened in this project (e.g., remediation decision) that would not have happened if there were no sustainable remediation assessment?
- Improvements in environmental, social and/or economic performance and efficiency (e.g. lower environmental footprint, improved social performance, increased value generated)
- Other benefits (e.g., faster regulatory close-out, supported risk-based close objectives, improved reputation, avoidance of litigation)

Item 2 Identifier

- Name and location of site (anonymised as necessary), and any other relevant project reference information.
- Name and affiliation of assessor / project contact point and date of assessment / project, contact point e-mail / web link etc if desired
- Was the case study a “retrospective” or “live” assessment
- Is it a “Stage A” or a “Stage B” assessment
- Links to any additional project information as available

Item 3 Site Context – circa one page

Outline of the project, the risk management context and the site management context, including if possible a conceptual site model. Discuss things like the site / project goals e.g., defined end-use for the site; any regulatory, planning or legislative requirements; any contractual liability issues. Then discuss what were “fixed” or “non-moveable” project objectives (perhaps timescale, land-use etc.); and objectives that could vary depending on sustainability issues (perhaps site building configuration). Explain how these issues placed constraints and opportunities for sustainable remediation assessment.

Item 4 The Sustainability assessment process – circa one to two pages

Describe:

- The objectives of the sustainability assessment (what was its purpose, what options were being considered, how would its outcomes be applied)
- The parties involved (whose opinions were considered, who were the key decision-makers, how were the various parties included in the assessment process)
- The scope of the sustainability assessment (what were the boundary conditions: system, life cycle, time, distance etc; what indicators were considered – and how)
- The sustainability assessment technique (e.g. qualitative assessment, multi-criteria analysis, cost-benefit analysis and/or tool, proprietary or in-house tool etc). Explain how the evidence supporting the assessment was collected and used, and in particular any assumptions made.
- Describe how the effectiveness of the sustainability assessment was considered, e.g. its uncertainties, any sensitivity testing etc).
- Provide links to supporting evidence and data sources as available.

Item 5 The Sustainability assessment outcomes – circa one to two pages

Describe the findings of the sustainability assessment and how well these were accepted by the different parties involved. Describe how the outcomes of the sustainability assessment affected the project / site management and design. If a different approach was chosen to the one indicated by sustainability analysis, outline why this choice was made. Explain what verification measures were put in place to monitor sustainability impacts over the course of the project.

General guidance: check whether the case study summary is sufficient to explain the decisions made to both the stakeholders involved in the project, and to a wider audience who might be interested through SuRF-UK.