



Template Written Scheme of Investigation for **Archaeological Field Evaluation (Intrusive Investigation)**

How to use this template: This template has been provided to assist with preparing a Written Scheme of Investigation for archaeological intrusive investigations (e.g. trial trenching or test-pitting). It sets out a recommended structure with descriptions of what should be provided under each section, including where project specific information is required and where a statement is required if the proposed programme of work diverges from the appropriate SYAS standards document.

NB If you use your own template, this document will still provide guidance on the project specific information required.

Written Scheme of Investigation: Overview of Contents

Section 1	Background <ul style="list-style-type: none"> • Site location • Context of the project • Timetable/work stages • Review points • Monitoring arrangement
Section 2	Site Information <ul style="list-style-type: none"> • Site description • Geological and topographical background • Archaeological potential
Section 3	Project Details <ul style="list-style-type: none"> • Aims and objectives of the project • Excavation rationale • Outputs and dissemination
Section 4	Fieldwork Methodology <ul style="list-style-type: none"> • Statement of conformity and/or details of divergence from SYAS standards • Sampling strategy
Section 5	Post-Investigation Assessment, Analysis and Reporting <ul style="list-style-type: none"> • Statement of conformity and/or details of divergence from SYAS standards
Section 6	Archive <ul style="list-style-type: none"> • Statement of conformity and/or details of divergence from SYAS standards • Identify recipient museum/archive • Archive selection strategy
Section 6	Staffing <ul style="list-style-type: none"> • Identify organisation undertaking the work, key project staff and specialists • Project directory
Appendix 1	Selection Strategy
Appendix 2	Digital Data Management Plan
Appendix 3	SYAS Archaeological Field Evaluation Standards & Guidance

1 Background

Site Location

Provide a description of the site of sufficient detail that someone unfamiliar with the site could locate it, including national grid reference/s. Include a map showing the extent of the project area.

Context of the Project

Identify the purpose of the document and the nature of the archaeological project.

Describe why this project is being undertaken including any planning references.

Describe each type of evaluative technique so far undertaken or planned and how this project fits within this wider programme.

Identify any consultation that has been undertaken, e.g. with SYAS or the Historic England Science Advisor

Project Timetable

Detail the main stages of the project, e.g.:

- Pre-commencement works
- Field evaluation
- Post-excavation assessment
- Reporting
- Archiving
- Publication and dissemination of results

Provide dates for each stage, including start of fieldwork, completion of post-excavation assessment (and analysis), completion of reporting and publication, and deposition of archives.

If this is not known at the outset, or details change prior to commencement, then this information must be provided to SYAS in a written update once confirmed.

Review Points

Identify when the progress of the project towards addressing its aims and objectives will be reviewed, e.g.:

- Review of results during field evaluation stage: consultation to be conducted with SYAS and other stakeholders to identify where the presence, nature or absence of archaeological remains may justify changes to the scope of fieldwork (both additions or reductions).
- Review on completion of reporting stage: consultation to be conducted with SYAS and other stakeholders to identify recommendations for additional post-

excavation analysis, further archaeological investigation, preservation and publication.

Identify that minor changes to an agreed WSI will be submitted to SYAS for written approval and that major changes will require the preparation of an updated WSI for submission to the approving body (SYAS or planning authority as appropriate).

Monitoring Arrangements

Identify that SYAS will be responsible for monitoring the project and that the contractor must give a minimum of one week's notice of the commencement of fieldwork, in order that arrangements for monitoring can be made.

2 Site Information

Site Description

Provide a description of current land use and ground conditions.

Geology and Topography

Describe the geological and topographical context of the site, including:

- Description of the topography in relation to direction of slope, water courses, hilltops, and promontories;
- Description of the historic landscape character (referencing the South Yorkshire Historic Environment Characterisation);
- Description of bedrock, superficial and parent material deposits at the site;
- Description of recorded burial conditions including how alkaline or acid the soil is.

Discuss the implications of the geology, topography and expected burial conditions for the site.

Archaeological Potential

Briefly summarise the archaeological and historical background of the site and its environs by period, synthesising and referencing any previous stages of archaeological work. This should not repeat the full detailed discussion of a previous report, such as a desk-based assessment.

Detail the anticipated forms of archaeological remains expected and how this has influenced your excavation strategy, e.g. deeply buried deposits, waterlogged deposits, stratigraphically complex deposits, etc.

Detail the anticipated forms of material culture expected and how this has influenced your selection of appropriate specialists, e.g. human remains; midden deposits; industrial residues, palaeo-environmental potential, etc.

3 Project Details

Aims and Objectives

Identify the project aims, e.g.:

- Why is this project being undertaken?
- What is the project hoping to achieve?
- What is the anticipated outcome?

Identify the project objectives, e.g.:

- What specific archaeological techniques are going to be used to accomplish the aims?
- What are the specific research objectives of the project (referencing the South Yorkshire Historic Environment Research Framework and other period specific or thematic research frameworks/strategies, as applicable.)?

Excavation Rationale

Provide a table listing each trench including the rationale for their location and their dimensions. This should be correlated with a plan that shows their location within the site.

Provide details of contingencies allowed for.

Outputs and Dissemination

List the specific outputs of the project e.g. report, physical archive, digital data etc.

Identify how information and knowledge generated by the project will be disseminated.

Identify how the project will incorporate public outreach, e.g.: site notices, site tours, use of volunteers, or talks. Where additional detail is required, this should be included as an appendix.

4 Fieldwork Methodology

Statement of Conformity and Divergence from SYAS Archaeological Field Evaluation Standards & Guidance

This should include a statement saying the SYAS standards for archaeological work will be adhered to. Where the project will deviate from these standards, this must be explicitly specified and a rationale given.

NB A copy of the referenced SYAS standards must be included as an appendix.

Sampling Strategy

Detail the expected types of samples (palaeo-environmental, industrial, dating, and other specialist types) you are going to take, what material they will provide data on, and how they will be collected.

Detail the forms of scientific dating that may be deployed.

5 Post-Investigation Assessment, Analysis and Reporting

Statement of Conformity and Divergence from SYAS Archaeological Field Evaluation Standards & Guidance

This should include a statement saying the SYAS standards for archaeological work will be adhered to. Where the project will deviate from these standards, this must be explicitly specified and a rationale given.

NB A copy of the referenced SYAS standards must be included as an appendix.

6 Archive

Statement of Conformity and Divergence from SYAS Archaeological Field Evaluation Standards & Guidance

This should include a statement saying the SYAS standards for archaeological work will be adhered to. Where the project will deviate from these standards, this must be explicitly specified and a rationale given.

NB A copy of the referenced SYAS standards must be included as an appendix.

Archive Deposition

Identify what material will be deposited with which recipient museum/archive and that the project will conform with its requirements.

Archive Selection Strategy

Summarise the details provided in the formal Selection Strategy and Digital Data Management Plan included as an appendix.

7 Staffing

Provide details of the competent person/persons, or organisation, including specialists, undertaking the project. If this is not known at the outset, or details change prior to commencement, then this information must be provided to SYAS in a written update once confirmed.

Identify whether the project staff have professional membership, or whether the organisation is Registered with the Chartered Institute for Archaeologists. Where formal professional accreditation is not held, then sufficient information should be provided to demonstrate competency, e.g. in the form of CV's.

Provide a project directory, listing contact details for relevant parties, e.g.:

- Manager of organisation overseeing the archaeological project;
- Lead site contact, responsible for carrying out the archaeological project.

Identify any other useful contacts, e.g.:

- South Yorkshire Archaeology Service:
telephone: 0114 273 6354
email: syorks.archservice@sheffield.gov.uk
- Historic England Science Advisor:
Andy Hammon
telephone: 07747 486255
email: Andy.Hammon@HistoricEngland.org.uk
- Finds Liaison Officer for South and West Yorkshire:
Amy Downes
telephone: 0113 5350173
email: Amy.Downes@wyjs.org.uk

Appendix 1: Selection Strategy

An archive selection strategy must be provided. Templates are available through the Chartered Institute for Archaeologists' 'Toolkit for Selection Archaeological Archives': <https://www.archaeologists.net/selection-toolkit>.

Appendix 2: Digital Data Management Plan

A digital data management plan must be provided. Templates are available through the Chartered Institute for Archaeologists' 'Dig Digital' resource: <https://www.archaeologists.net/digdigital>.

Appendix 3: SYAS Archaeological Field Evaluation Standards & Guidance

A copy of the current SYAS standards must be included. This is available in the 'Guidance for archaeological projects' page of the SYAS website: <https://www.sheffield.gov.uk/home/planning-development/south-yorkshire-archaeology-service/guidance-for-archaeological-projects>.