

On Site Checklist: Summary Assessment Sheets

Tick either the left hand or right statement relating to the central boxes. If there is insufficient information available to make a judgement on which box is correct, leave both boxes blank.

Features of Site and Surrounding Land

No evidence of previous potentially contaminating activities

Evidence of past potentially contaminating activities on site

Little or no discontinuity between site and surroundings

Site appears significantly different from surroundings

Site appears to be a uniform area exist

Obvious discontinuities within site

Vegetation

Soil generally covered by fairly uniform vegetative sward

Patches of bare or sparsely vegetated soil present

Trees appear normal and healthy

Trees appear unhealthy or subject to stress

Vegetation, including roots, has normal appearance

Vegetation shows yellowing or other discoloration on stems/ foliage; clover nodules small and white

Herbaceous and woody perennial plants/shrubs present

Species mainly annuals and those typical of disturbed ground (ruderals)

No obvious signs of 'indicator' plant species or assemblages

Presence of plant species or assemblages sometimes known to be associated with contaminants

Soil Characteristics

No evidence of surface staining or deposits

Presence of surface or subsurface staining, deposits, or seepages

Soil appears similar to that outside the site

Soil colour and texture different to that of surrounding area

Soil structure good with no evidence of waterlogging

Poor soil structure; waterlogged areas on site

Litter layer on soil surface similar to adjacent areas

Litter layer on soil surface thicker than on similar adjacent areas

Soil pH between 3 to 8

pH value of soil less than 3 or greater than 8

A good range of soil
macro invertebrates present

Few or no soil invertebrates present,
eg. worms, insects, woodlice.

No unusual odours noted

Unusual odours noted

Water in Puddles, Ponds, Streams and Drainage Ditches

Water is clear or
colour of surrounding
soil

Water and/or sediments
are stained, particularly
with dark or reddish colours

Water is relatively
clear

Water is cloudy or
'soupy' from presence of
particles in suspension and algae

Clean water surface

Oily smelling film or
foam apparent on
surface

pH in the range
3.0 to 8.0

pH range above 8.0
or below 3.0

No bubbles evident

Bubbles emerging
rapidly through water

Abundant and diverse aquatic fauna obvious

Aquatic fauna absent or limited to large numbers of only one or two species
e.g. midge larvae or worms

Water quality downstream of site is no worse than that of streams entering the site

Water quality down stream from site appears worse than that of streams flowing into the site

Notes: