

NOTES

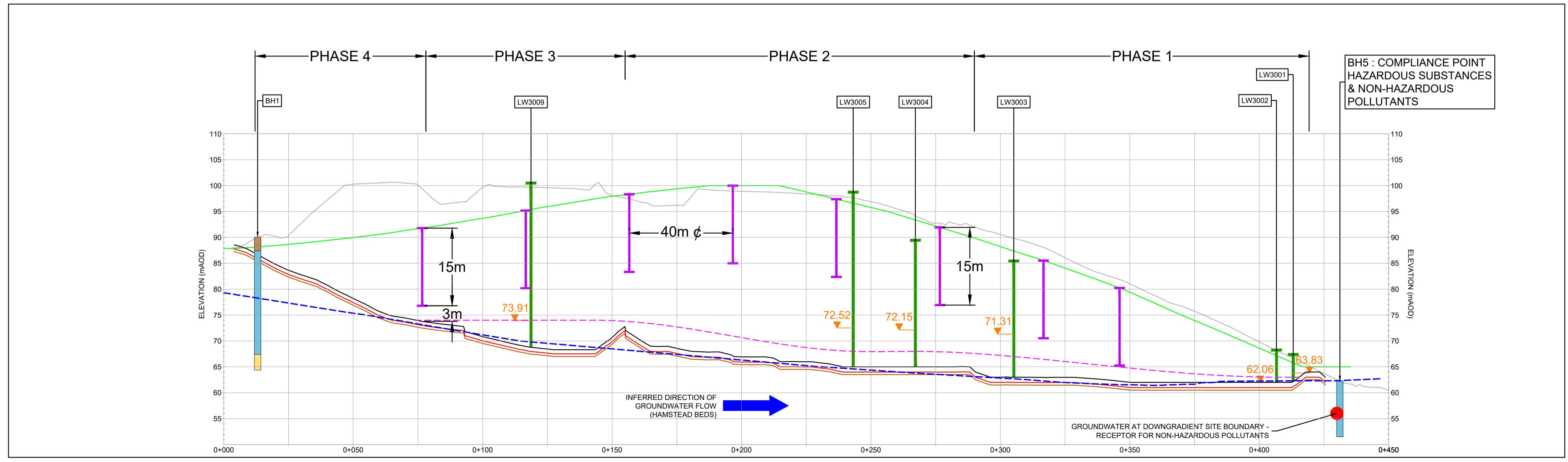
- Elevation of as-built mineral liner for phase 3 approximated based on survey of formation levels prior to clay emplacement and gd liner (dwg RBCL/AB35/CQA/006) and geological barrier thickness of 0.8m.
- Location of leachate wells transposed onto cross-section where well tops are below the topographical surface this reflects a lower topographical surface than shown on the section line.

- LEGEND: PLAN**
- PPC installation boundary
 - phase boundary
 - BHA landfill gas monitoring borehole
 - COMB 1 combined landfill gas & groundwater monitoring borehole
 - BH1 existing groundwater monitoring borehole to be retained
 - SW1 surface water monitoring point
 - BH6 site investigation boreholes (mAOD) (1998)
 - 60.81 groundwater level (mAOD) (recorded July 2003)
 - restored contours (mAOD)
 - 57.55 groundwater levels (mAOD) (recorded January 2011)
 - inferred groundwater contours - hamstead beds (mAOD) (January 2011)
 - inferred direction of groundwater flow - hamstead beds
 - leachate well location (CL=cover level / GL=ground level / BL=basal level)

- LEGEND: SECTION**
- inferred piezometric surface - hamstead beds
 - existing topographic profile (Jan 2020 site survey)
 - underdrainage layer profile
 - basal formation profile
 - basal liner profile
 - pre-settlement restoration profile
 - groundwater profile
 - leachate well
 - in-waste gas monitoring well
 - 71.31 maximum recorded leachate level (mAOD)
 - proposed leachate compliance limit
 - top soil / made ground
 - clay
 - siltstone
 - hamstead beds

REV.	DATE	DRAWN	DESCRIPTION

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PROJECT	Landfill Gas Risk Assessment	DRAWN	SLR-KW
LOCATION	Standen Heath Landfill	DATE	March 2020
DRAWING TITLE	Cross Section	SCALE(S)	As Shown @ A1
DRAWING No.	COMPUTER REF. SE121100		

SE 121100.dwg