

APPLICATION FOR PENRHOS 132kV CABLE REPLACEMENT DISCHARGE CONSENT – SUMMARY

RPS Group Limited have compiled this summary on behalf of Morgan Sindall Group PLC who are applying for an Environmental Discharge Consent permit for the ‘Penrhos 132kV Cable Replacement’ project.

This Discharge Consent application is for thirteen discharge points (D1 – D13), summarised in Table 1, to return groundwater abstracted under the requested abstraction licences (Abstraction Application Reference Numbers: WRMORGANSINDALL0705.1, WRMORGANSINDALL0705.2, WRMORGANSINDALL0705.3) back to ground from which it was removed.

No treatment will be required as discharged effluent from the thirteen discharge points is clean groundwater abstracted during excavation dewatering and surface water run-off. Water from each of the fifteen abstraction points, across three catchments (Holy Island, Stanley Embankment and Anglesey Island) will be discharged via the corresponding discharge points (D1 – D13). In the case of D1-D11, discharge will be to lined, temporary ponds that will facilitate the settlement of sediment before discharged back to ground. In the case of D12 and D13, on Stanley Embankment, discharge will be to highways drains which discharge into the Cymyran Strait.

No risk assessment has been provided as the effluent only consists of clean water. All effluent however shall be tested prior to discharge. In the case of discharge points D12 and D13, should contaminated water be detected within the existing cable troughs, this shall be removed from site by tanker.

A date of the 30/06/2025 has been provided as a provisional estimate for infiltration system construction.

This document should be read in conjunction with ‘Abstraction Licence Application Technical Note’ which contains further information on the site setting and proposed works as well as a Hydrogeological Impact Appraisal.

Table 1 Summary of proposed discharges

Discharge Reference	NGR	Description	Receiving Environment
D1	SH2687080628	INFILTRATION DISCHARGE	Ground
D2	SH2694980635	INFILTRATION DISCHARGE	Ground
D3	SH2710080549	INFILTRATION DISCHARGE	Ground
D4	SH2725980483	INFILTRATION DISCHARGE	Ground
D5	SH2739480428	INFILTRATION DISCHARGE	Ground
D6	SH2756180359	INFILTRATION DISCHARGE	Ground
D7	SH2846879844	INFILTRATION DISCHARGE	Ground
D8	SH2874379876	INFILTRATION DISCHARGE	Ground
D9	SH2892079918	INFILTRATION DISCHARGE	Ground
D10	SH2913779945	INFILTRATION DISCHARGE	Ground
D11	SH2936379827	INFILTRATION DISCHARGE	Ground

D12	SH2785780170	DRAIN DISCHARGE	Cymyran Strait (Tidal river, tidal stream, estuary or coastal waters)
D13	SH2817679990	DRAIN DISCHARGE	Cymyran Strait (Tidal river, tidal stream, estuary or coastal waters)