

APPENDIX C10 - PDZ10 CLODGY POINT TO GODREVY POINT - EFFECT ON NATURA 2000 SITES (QUALIFYING FEATURES IN BLUE FONT)

| Primary Qualifying feature   | Supporting Habitat          | Attribute  | Conservation Objectives   | Potential effect of policy   | In-combination effect   | Preventative measures | Mitigation measures | Implications for the integrity of the Site |
|--|-----------------------------|--|---|--|---|-----------------------|---------------------|--|
| <b>Lands End to Cape Bank SAC (Draft Inshore)</b>                                  |                             |  |   |  |   |                       |                     |  |
| Reefs  | N/A                         | Extent<br>Biotope composition<br>Distribution of biotopes<br>Species population  | Subject to natural change, maintain the Reefs in favourable condition, in particular: <ul style="list-style-type: none"> <li>Offshore upstanding reefs;</li> <li>Inshore upstanding reefs.</li> </ul> | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 7km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the reefs in the Site is expected.   | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| <b>Godrevy Head to St Agnes SAC</b>  |                             |  |   |  |   |                       |                     |  |
| Temperate Atlantic wet heaths with <i>Erica ciliaris</i> and <i>Erica tetralix</i> | NA                          | Habitat extent and physical characteristics  | To maintain the temperate Atlantic wet heath habitat in favourable condition.   | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 14km from the Site boundary and heathland habitat features, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the wet heathland habitat in the Site is expected.   | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| European dry heaths  | NA                          | Habitat extent and physical characteristics  | To maintain the lowland dwarf shrub heath habitat in favourable condition.  | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 14km from the Site boundary and heathland habitat features, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the dry heathland habitat in the Site is expected.   | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| Early Gentian  | Calcareous (dune) grassland | Habitat extent   | To maintain Early Gentian population and habitat (calcareous grassland) in favourable condition.  | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 14km from the Site boundary and any calcareous grassland habitat that supports the Early Gentian populations. Due to the localised nature of the policy effects, no hydrodynamic or erosion pattern effects would extend this distance. Consequently, there would be no alteration to the physical characteristics of the supporting habitat of the Early Gentian population. | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| <b>Penhale Dunes SAC</b>   |                             |  |   |  |   |                       |                     |  |
| Fixed dunes with herbaceous vegetation (`grey dunes`)                              | NA                          | Habitat extent, vegetation structure (range of zones, bare ground, ESS, dead organic matter), vegetation composition               | To maintain the fixed dune habitat in favourable condition, which is defined in part in relation to a balance of habitat extents.   | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 22km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the fixed dunes in the Site is expected.  | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| Humid dune slacks  | NA                          | Habitat extent, vegetation structure (range of zones, bare ground, ESS, sward height, dead organic matter), vegetation composition | To maintain the humid dune slacks in favourable condition, which is defined in part in relation to a balance of habitat extents.  | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 22km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the humid dune slacks in the Site is expected.  | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |

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| Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ('white dunes') | NA                          | Habitat extent, physical structure (functionality and sediment supply), vegetation structure (range of zones, bare ground, ESS, dead organic matter), vegetation composition | To maintain the shifting dunes in favourable condition, which is defined in part in relation to a balance of habitat extents.   | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 22km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the shoreline dunes in the Site is expected.   | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| Dunes with <i>Salix repens ssp. argentea</i> ( <i>Salicion arenariae</i> )        | NA                          | Habitat extent, vegetation structure (condition of <i>Salix repens</i> , bare ground, ESS, dead organic matter), and vegetation composition                                  | To maintain the dunes with <i>Salix repens ssp. argentea</i> ( <i>Salicion arenariae</i> ) in favourable condition, which is defined in part in relation to a balance of habitat extents. | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 22km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the dunes with <i>Salix repens</i> in the Site is expected.  | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| Petalwort   | Early dune slacks           | Habitat extent and population  | To maintain Petalwort in favourable condition, which is defined in part in relation to their population attributes.   | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 22km from the Site boundary and any dune slack habitat that supports the Petalwort populations. Due to the localised nature of the policy effects, no hydrodynamic or erosion pattern effects would extend this distance, and there would be no alteration to the physical characteristics of the supporting habitat of the Petalwort population.                | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| Shore Dock  | Humid dune slacks           | Habitat extent and population, disturbance, hydrology, water quality   | To maintain Shore Dock in favourable condition, which is defined in part in relation to their population attributes.  | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 22km from the Site boundary and any humid dune slack habitat that supports the Shore Dock populations. Due to the localised nature of the policy effects, no hydrodynamic or erosion pattern effects would extend this distance, and there would be no alteration to the physical characteristics of the supporting habitat of the Shore Dock population.        | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |
| Early Gentian   | Calcareous (dune) grassland | Habitat extent and population, vegetation structure (dead organic matter)  | To maintain Early Gentian in favourable condition, which is defined in part in relation to their population attributes.   | HTL and MR policies in this PDZ (St Ives, Lelant, St Erth, Hayle, and Gwithian) are located a minimum of 22km from the Site boundary and any calcareous grassland habitat that supports the Shore Dock populations. Due to the localised nature of the policy effects, no hydrodynamic or erosion pattern effects would extend this distance, and there would be no alteration to the physical characteristics of the supporting habitat of the Early Gentian population. | No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination. | Not applicable        | Not applicable      | Conclude no adverse effect                 |