

19 Residual Impacts

19.1

Beneficial Impacts:

The proposed scheme will have:

- a **major beneficial impact** by ensuring that the customers living, working and visiting the Isle of Wight have a long-term secure water supply;
- a **major beneficial impact** by balancing the island's water needs during periods of high demand and assisting the island cater for increased water demands; and
- a **major beneficial impact** by reducing the reliance on the island's Water Supply Works and reducing water abstraction on the island

19.2

Negative Residual Impacts

19.2.1

Construction

The following negative residual impacts experienced during the construction stage of the scheme include: -

- loss of 4m of important hedgerow (under the Hedgerow Regulations) at Gurnard;
- potentially minor adverse noise disturbance to red squirrel at Hornhill Copse;
- potentially minor adverse impacts on flora and fauna within internationally designated sites from release of drilling lubricants such as bentonite;
- removal or loss of marine benthic species during jetting activities and potential removal of pelagic species (moderate adverse impact);
- minor adverse impacts on shellfish and other marine organisms as a result of smothering by sediment;
- minor adverse impact as there is the potential removal of pelagic species and of benthos on which fish feed during the jetting operations;
- minor adverse visual impact on residents lying opposite the drill rig site on Rew Street;
- minor adverse impact as a result of increased levels of suspended and deposited sediment and drilling lubricant;
- minor adverse impact as a result of dust production during construction activities;

- potential reduction in bathing water quality due to temporary increases in suspended sediments, accidental spillages and release of drilling lubricant;
- severe localised noise impacts on residential properties at Rew Street;
- minor adverse dust impacts on residential properties lying in close proximity to the drill rig site at Gurnard;
- potential minor adverse disturbance to an area of reported obstructions within the marine area of pipeline installation;
- potential loss of revenue to farmers during the construction works; and
- potential minor increase in noise experienced by users of the beach and the Isle of Wight Coastal Path.

19.2.2

Operation

- No long-term residual adverse environmental impacts are envisaged as a result of implementing the proposed scheme.