

**Registered Office:**  
Portsmouth Water Ltd  
PO Box 8  
Havant  
Hampshire PO9 1LG

Tel: 023 9249 9888  
Fax: 023 9245 3632  
Web: [www.portsmouthwater.co.uk](http://www.portsmouthwater.co.uk)

**CONSULTATION UNDER THE TOWN AND COUNTRY PLANNING  
(DEVELOPMENT MANAGEMENT PROCEDURE ENGLAND) ORDER 2015**

|                                        |                                                                                                                                                                                                                                                                                                       |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applicant:</b>                      | <b>Herringate UK</b>                                                                                                                                                                                                                                                                                  |
| <b>Planning Application Reference:</b> | <b>APP/18/01107</b>                                                                                                                                                                                                                                                                                   |
| <b>Proposal:</b>                       | <b>Erection of 3No. 4 bed dwellings including parking and landscaping (approved 22.3.19). Request to Discharge Condition No. 6 (recd 9.7.19). Request to Discharge Condition 3, 15 and 18 (26.09.19). Request to Discharge Condition 16 (19.11.19). Request to Discharge Condition 17 (28.1.2020)</b> |
| <b>Location:</b>                       | <b>Land rear of 97A Lovedean Lane, Waterlooville, PO8 9RN</b>                                                                                                                                                                                                                                         |
| <b>Date:</b>                           | <b>14 April 2020</b>                                                                                                                                                                                                                                                                                  |

Portsmouth Water have reviewed the further investigative works and leachate analysis undertaken to investigate the risk to Principal Aquifer from the proposed pilling on this site.

## Condition 6- Land contamination

The further investigative works and leachate analysis of soil samples from two window sample points (WS201 & WS202) show the concs for the analysed suite of PAHs are below the limit of detection and thus the drinking water standards (DWS). The concentrations for all analysed heavy metals except mercury came out below the DWS. The elevated result for mercury is a slight elevation above the DWS and previous soil analysis on site have not identified mercury above the limit of detection. We agree that the concentrations of leachable contaminants present in the sampled soils from this investigation do not represent an unacceptable risk to groundwater quality.

Conversely, there are previous soil samples from earlier investigations (REC and Omnia) which show elevated results for certain PAHs, Cadmium and Lead. The sample locations of these soil samples differ from those within the Geo-Environmental March 2020 investigation, therefore no leachate analysis has been carried out at these locations (HP213, HP215, HP211 and WS101). Therefore, there is still a potential residual risk to groundwater quality.

Portsmouth Water would accept either of the two options provided below to address this residual risk.

***Option 1- Risk assessment of elevated results (including leachate analysis) and where required remedial works to be undertaken***

Portsmouth Water would request that leachate analysis for the following elevated determinations be undertaken for the following sample locations:

- Cadmium, Benzo(b) Fluoranthene, Benzo(a)Pyrene, Dibenzo(a,h) Anthracene at WS101
- Lead at HP211
- Benzo(b) Fluoranthene and Dibenzo(a,h) Anthracene at HP215
- Dibenzo(a,h) Anthracene at HP213

This chemical leachability testing of soils is required to determine if there is a risk to groundwater quality from these contaminants and if levels are acceptable in relation to Drinking Water Standards. If unacceptable levels are discovered, remedial works will be required (the impacted material removed and replaced with a clean, chemically suitable engineered material in order to render the pollution linkage inactive).

***Option 2- Removal of impacted material***

Portsmouth Water would also accept the removal of impacted soil, which have exhibited elevated concentrations in PAHs, Cadmium and Lead.

Portsmouth Water would be satisfied with the discharge of condition 6 provided either further investigative work or the removal of impacted material is undertaken to address the residual risk to groundwater quality.

## **Condition 17- Piling**

The piling proposal is the installation of 48 No. 300mm diameter x 13m max depth, hollow stem SFA bearing piles. Portsmouth Water are satisfied with this foundation solution due to the low disturbance nature of this method, which poses a low risk to groundwater quality from turbidity and the mobility of impacted soils. Measures should be in place to control and mitigate excessive losses of injected grout; any excessive losses should be reported to Portsmouth Water. Portsmouth Water would ask the method statement to include this precautionary measure to protect groundwater quality. Portsmouth Water have no objections to the discharge of condition 17 with the above addition to the piling method statement.

Catchment Management Team  
Portsmouth Water  
catchment.management@portsmouthwater.co.uk