

Transport Statement

Project Title: **Centrifuge Building, River Itchen Works**

Project No: **23708**

By	Date	Sheet	Client	File	Action
IJW	May 2024	1	Portsmouth Water	☐	

This technical note has been prepared to support a planning application for an additional building to house a permanent centrifuge unit (replacing an existing temporary external mobile installation).

1.0 Existing Site

The site is located directly to the north of the M27 and is accessed via a bellmouth entrance, shared with 3 residential bungalows, off Allington Lane, which itself runs north from a roundabout on the A27. Vehicular access is via remotely operated gates, located approximately 100m from Allington Lane. This access is used for staff, contractors and deliveries.

2.0 Local Transport Network

The site has a gated access off Allington Lane. The existing access is sufficient to enable all traffic to pull off Allington Lane without the need to stop on the carriageway.

Main deliveries are made via this access and there are no concerns regarding the capacity of the access.

There are no changes proposed to this access.

3.0 Proposed Development

The proposed development comprises the construction of a process building to house a permanent centrifuge unit for dewatering sludge arisings from the water treatment process.

The permanent centrifuge unit is replacing an existing temporary mobile unit currently sited at the works. There will be no increase in staff or the number of vehicle movements associated with this proposal.

4.0 Proposed Development Parking and Servicing

The parking provision on site will remain unchanged.

The servicing proposed is as per current arrangements, with no change in the number of vehicle movements associated with the proposal -

- The centrifuge will be serviced by HGV's delivering polymer and removing dewatered sludge cake skips.
- Both operations are infrequent, polymer deliveries every 8 - 10 weeks and dewatered sludge cake skip removal every 2 - 4 weeks.

These servicing frequencies have not caused any highways or resident issues in the past.

5.0 Planning Policies

Although the site lies close to Southampton, it falls within the Eastleigh Borough Councils area and so is subject to the Eastleigh Borough Local Plan 2016 - 2036. Under this plan, the site is located within a development gap area.

The proposals are considered to be in keeping with local plan policies DM15, in that they are improving the operational efficiency of an existing business.

6.0 Sustainable Modes of Travel

The proposals do not involve any works to the existing site access or any changes to the existing travel arrangements to/from the site.

7.0 Car Parking Spaces

There will be no change in the required or provided parking on site.

8.0 Trip Generation

The permanent centrifuge unit is replacing an existing temporary mobile unit currently employed on the site. This unit is served by HGV vehicles to deliver polymer and remove dried sludge skips.

The installation of a permanent centrifuge unit within a building will have no change on the number of trips to and from the site.

9.0 Transport Impact

No increase in car/van and HGV usage is proposed, therefore, there will be no effect on traffic levels and emissions.

The construction of the new building and installation of the centrifuge unit is not expected to have a significant impact on the surrounding transport network.

In conclusion, the proposed development will not result in any increase in traffic in real terms and will not have any material impact on the safe operation of the local highway network.