



Subject:Pouring underwater concreteYour letter attribute:Pouring underwater concreteOur letter attribute:Newsletter 4Project:Valley, Zuidas, Amsterdam

Amsterdam, September 3th 2018

Dear Sir, Madam,

We would like to inform you about our building activities for Valley, located at Beethovenstraat and neighbouring to sporting facilities of 'Goed Genoeg (AFC)' and highway A10.

With the pouring of the underwater concrete, an important milestone is in sight for Valley Amsterdam. This will be the final activity while the northern construction pit is filled with water. The 150cm thick concrete will be the watertight floor. After this, the northern construction pit will be drained and the next construction phase will begin. The pouring of the underwater concrete in the southern pit will take place in two months, we will inform you about those activities in due course.

Pouring under water concrete

At the end of June, Bouwcombinatie Valley Amsterdam (Boele & van Eesteren | G & S Bouw) carried out the pouring of the underwater concrete in the northern construction pit of Valley, in a period of about 35 hours. The northern construction pit has also been pumped empty.

On Tuesday evening, September 4th, we start at about 7:00 pm with the pouring of the



underwater concrete in the southern construction pit. The work will be completed on Wednesday 5th of sSeptember. On Tuesday September 18th, concrete pouring in the western construction pit will also start around 7:00 PM and will be completed on Wednesday September 19th. If the data change due to circumstances, we will report this via the website www.bcvalley.nl.

The concrete is supplied by concrete mixers and is poured with the help of a concrete pump. Under water, divers ensure that the right amount of concrete is applied in the right place. To prevent seams from occurring, the underwater concrete must be poured without interruptions. Assuming that 100 m3 of concrete can be pumped per hour, the landfill takes about 24 hours in both cases. During this time, shift work is performed. An exemption has been granted for work outside regular working hours.

To avoid the appearance of cracks in the concrete, the required 3.520m3 must be poured without interruptions. Assuming that 100m3 of concrete can be poured per hour, the total process will take at least 33 hours. The work will be carried out in shifts. A permit is granted for the activities on site outside of regular working hours.





Valley Amsterdam

Supply and discharge

Because the concrete pump has to be placed on our construction road, there is not enough space to allow the supply and discharge to take place through this route as well. Therefore the supply and removal of concrete mixers (about 300 cars) during this work is done through the Spoorslag. This will be done under the guidance of a traffic controller. The entrance and exit of building site to the public road can always be reached while driving forward.

The concrete mixers buffer on the construction road of the Valley site. If necessary, the buffer areas of the Zuidas under the A10 viaduct can also be used between 7:00 and 19:00.



Disturbance

The pouring or the underwater concrete is something special, however only the concrete mixers and pumps will be visible on the construction site. The real work has taken place beforehand or will be done under water. Therefore it is relatively quiet at the construction site during the pour. There will be limited use of sound producing equipment and limited deployment of staff.

Bewuste Bouwers (Considerate Constructors)

Bouwcombinatie Valley Amsterdam is a member of the 'Stichting Bewuste Bouwers'. This means that the company has a strong focus on the local area, safe working practices, employee concerns and the environment. We want to reflect this in each and every one of our projects. On June 2, 2018, we were rewarded for our efforts by receiving the Bewuste Bouwers Zuidas Award as the best of the 21 construction sites on the Zuidas. If you would like more details about how Bewuste Bouwers can be of assistance to you, please check the website: <u>www.bewustebouwers.nl</u>.

Updates and additional information

On <u>www.bcvalley.nl</u> you can find more information about the project. Via this website we provide an automatic news update. You can sign up for our updates by subscribing your email addres at the bottom of our page and to click on 'Op de hoogte blijven' (stay up to date). Note! You have to confirm your login via the automatic email you will receive after subscribing. Prior to inconvenient work, we will inform you via a hard copy newsletter delivered at home.

Contact

If you have any questions about the construction of Valley, feel free to contact us via undersigned (communicatie@bcvalley.nl) or to call to 070-414 4200.

The city of Amsterdam's Zuidas Information center is not the commissioning party for this project, but it fulfils a coordinating role in all construction work in Zuidas. If you have any questions or comments about on-going projects in your neighbourhood, please contact:

Amsterdam Zuidas Informatiecentrum 0800 5065 (available 24/7) contact@zuidas.nl www.zuidas.nl

We hope to have informed you sufficiently and thank you for your understanding.

Kind regards,

Marcel Poolman

Area and communications manager Bouwcombinatie Valley Amsterdam vof



