

Letter to Residents

Riverside Park Pty Ltd
GPO Box 1001,
Adelaide
SA 5001

October 2020

Dear Householder

ALLENBY GARDENS – SITE CONTAMINATION AUDIT AND TESTING PROGRAM UPDATE

Riverside Park Pty Ltd is writing to provide an update regarding ongoing environmental assessment works associated with the Moorfield Terrace site. Riverside Park is committed to continue to provide the community with updates on the progress of the audit, this update being part of the regular communication we have provided since 2016.

You may be aware that a Site Contamination Audit Report was completed for Stage 1 of the development in early 2019. If you would like to obtain the Stage 1 Audit Report this is available via the EPA Public Register.

Since this time, additional investigation works have been carried out both on and off site as part of Stage 2 of the audit. The additional work builds on the historical environmental investigations for the site undertaken to the highest standards that supports the intended medium to low density residential use.

Groundwater Testing

Our previous update in November 2019 outlined that groundwater monitoring associated with a previously identified solvent plume continues to be carried out with reference to an existing groundwater monitoring plan and in accordance with the appointed Auditor's requirements for the current Site Contamination Audit for Stage 2 of the audit.

The groundwater monitoring results have been compared to EPA recognised guideline values and indicate stable or decreasing results in most monitoring wells. The data and formal reports have been provided to the Auditor for review and endorsement and the conclusions that there are no unacceptable risks to residents are supported by the Auditor and their specialist team.

It should be noted that your property is located within the groundwater prohibition area which was formally established by the EPA in June 2013 (see attached map). **As advised by the EPA, groundwater (bore water) from the top two aquifers (0-30m below ground) within the prohibition area must not be used for any purpose. Mains water and rainwater tanks are not affected by this issue. Home-grown fruit and vegetables are safe to consume, provided you are not watering them with bore water.** Information on the groundwater prohibition area is available from the EPA website (<http://www.epa.sa.gov.au>)

Soil Vapour Testing

Further soil vapour assessment has been completed both on and offsite within the extents of the identified solvent plume. The assessment has been carried out over several stages, and works have been carried out in consultation with the appointed Auditor throughout.

The most recent sampling has shown an increase in chlorinated solvents at some locations offsite along the approximate centreline of the identified groundwater plume. It is important to note that the concentrations of solvents in soil vapour offsite generally correlate with the concentrations of solvents in the groundwater, as expected and other than possible seasonal variations, significant increases in solvent concentrations in soil vapour are not expected in the future.

Using the available data, a human health risk assessment has been carried out. Of primary importance, the risk assessment has demonstrated that there are no unacceptable health risks to existing and future residents or workers offsite due to the solvents present in groundwater and soil vapour. The risk assessment also demonstrated that there would be no unacceptable risks to future occupants or workers at the development site due to the identified solvents.

As with groundwater, the soil vapour data and risk assessment have been provided to the Auditor for review and endorsement and the conclusions are supported by the Auditor and their specialist team.

Closing Comments

Based on the outcomes of the most recent testing, there is unlikely to be a requirement for any new or additional investigations offsite. Over the coming months, there are some further works to be carried out on-site, but these are not expected to impact offsite residents.

There will, however, be a likely condition associated with the Site Contamination Audit that ongoing groundwater monitoring will need to be undertaken. To facilitate this, an updated groundwater monitoring plan is currently being prepared which will outline the ongoing groundwater monitoring requirements. The monitoring plan will be reviewed and approved by the appointed Auditor.

We will continue to undertake work in accordance with the requirements of the Site Contamination Auditor and the EPA. On completion of the audit the Site Contamination Audit Report (SCAR) and Site Contamination Audit Statement (SCAS) will be available through EPA SA.

If you have questions regarding the ongoing environmental assessment, please contact Alan Keller on behalf of Riverside Park Pty Ltd on 0409 141 968 or the Environment Protection Authority on (08) 8204 2004 or epasitecontam@sa.gov.au.

Yours sincerely

Riverside Park Pty Ltd