

Sustainability and Environment

The Monash Alliance is aiming to deliver the project in a sustainable and environmentally friendly way as possible. A range of studies are being undertaken to investigate environmental issues.

These include:

- Waterways, Water Quality and Aquatic Ecology- Water Quality Monitoring is underway to form a baseline prior to construction;
- Flora and Fauna- Initial flora/fauna assessment has been completed to identify key issues
- Land Contamination- land contamination assessment is underway.
- Groundwater- conserving the quantity and quality of ground water
- Air Quality- dust and air pollution
- Resource Efficiency – opportunities for reuse, use of recycled materials-
- Water conservation initiatives- freeway run off may be treated and fed into Gardiners Creek.
- Water sensitive design initiatives include:
 - storm water capture for re-use at East Malvern Golf Course
 - rain garden near Toorak Road intersection.
- Climate Change and Greenhouse- reducing greenhouse gas emissions.

A range of methods are being used to manage environmental outcomes during the project. The Monash Alliance Environmental Management System includes:

- Project Environment Protection Strategy (PEPS). Risk based strategy prepared in consultation with key stakeholders (AAV, DSE, EPA);
- Environment and Sustainability Management Plan (ESMP) and sub-plans. Detailed environmental management process/controls will be implemented during construction; and
- Site Environment Control Plans (SECPs). These include work area and type specific plans for implementation during construction.

