LNAPL Lifetime Calculator Example

Example Description

Inputs and Outputs in Toolbox

Site Description

A release from various sources occurred, totalling approximately **500,000** L.

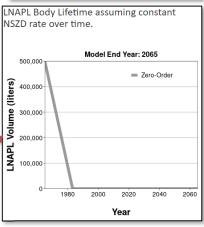
The estimated area of LNAPL impacts is **5 ha**.

The site had a measured NSZD rate of 5,500 L/ha/yr.

The release occurred in 1965.

We would like to know the status of the release to **2065**.

Initial Volume of LNAPL Body (L) 500000 Area of LNAPL Body (ha) 5 NSZD Rate (L/ha/yr) 5500 Model Start Year 1965 Model End Year 2065



Output and Interpretation

Applying the simple model, the top figure to the right shows the change in LNAPL volume over the course of 100 years assuming the NSZD rate remains constant. In the bottom figure, assuming the NSZD rate decreases proportional to the LNAPL mass remaining, the LNAPL volume over 100 years is shown.

