**2017 LSI summarized**:

* Several VOC concentrations indicated a vapor intrusion concern for both residential and commercial/industrial use. Methane concentrations indicated a potential explosion risk at several locations at the site.
* The historical use of the site as a landfill and the documented impact to groundwater and soil gas at the site is considered a REC (Recognized Environmental Condition).

**Records Review**:

* Methane was also documented at the site by the Jefferson County Health Department.

**Phase 1 Recommendations**:

* Consult with CDPHE regarding potential regulatory involvement from landfill. Mitigation/remediation measures may be required.
* Conduct soil sampling along perimeter in areas where neighboring buildings adjoins the site.

Adjoining properties: 6690 Kendrick Drive; 6722, 6732, 6742, 6752 Kilmer Court. NOT Lupine Way homes (because of trail?).

**2007 LSI**:

* VOCs detected in 4 groundwater samples – 1 above limit. Selenium detected in groundwater above limit.
* Fill and soil can be managed as special waste with disposal at a state regulated landfill facility. Additional assessment required.

**2017 LSI**:

* 14 Soil gas sampling points
* 6 sites sampled for methane per EPA method 8015M
* ***Seven VOC types detected at concentrations that represent a vapor intrusion concern for residential/industrial/commercial uses.*** Three others a concern only for residential.
* ***Methane at four sites exceeded 10% of Lower Explosive Limit (LEL)***.
* Conclusion: ***Laboratory analysis of methane indicated a potential explosion risk at the site***. Conduct soil gas sampling along the perimeter.