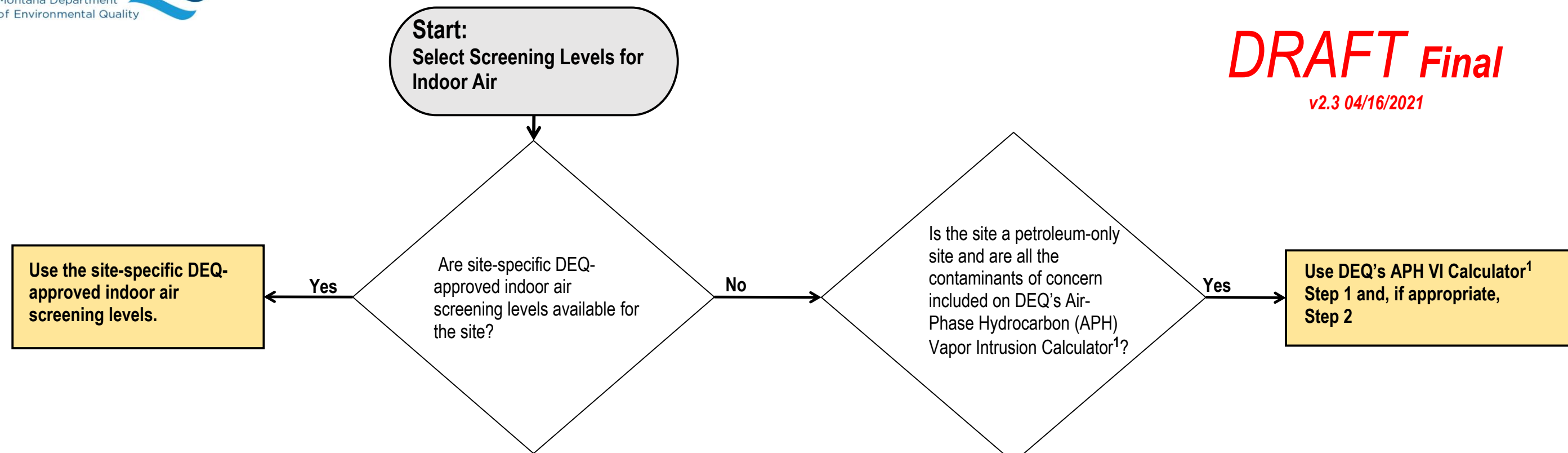


Flowchart A: Select Screening Levels (SL) for Indoor Air

DRAFT Final

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(1) DEQ may need to approve use of the APH VI Calculator. The APH VI Calculator is available online: <http://deq.mt.gov/Land/statesuperfund/aphvicalc>

(2) Use the EPA RSL tables with the Target Hazard Quotient of 0.1 to assure that cumulative non-cancer screening levels are protective of the presence of up to 10 non-cancer compounds. The EPA RSL tables are available on EPA's website: <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>

(3) The EPA RSL tables do not include the petroleum hydrocarbon (APH) fractions. Screening levels for petroleum fractions are found in the DEQ APH calculator Table 1

(4) DEQ's 2012 Typical Indoor Air Concentrations investigation report found that some compounds are present in Montana residences at concentrations higher than generic EPA RSLs. Please refer to Table 5.1.2 in the link: <https://deq.mt.gov/Land/statesuperfund/vaporintrusion>.

Screen indoor air concentrations using:

- Most recent EPA Regional Screening Levels with a Target Hazard Quotient of 0.1²
- DEQ's APH Screening Levels for petroleum fractions³
- Table 5.1.2 of the Montana Typical Indoor Air background investigation report⁴