

# Program Redesign New Criteria and SLs

| #                                | PATHWAY                           | CRITERIA                  |                   |   | SCREENING LEVELS  |                   |                |
|----------------------------------|-----------------------------------|---------------------------|-------------------|---|---|-------------------|----------------|
|                                  | Medium Sampled                    | Land Usage                | Exposure Duration | Toxicity Basis  | Land Usage  | Exposure Duration | Toxicity Basis |
| 1.                               | <b>Indoor Air</b>                 | Indoor Air Criteria (IAC) |                   |   | Acute Indoor Air Screening Levels (AIASLs)                |                   |                |
|                                  | Indoor Air                        | Residential (IACres)      | Chronic           | IURF or ITSL  | Same value for res and nr                                 | Acute             | MRL            |
|                                  |                                   | Non-Residential (IACnr)   | Chronic           | IURF or ITSL  |   |                   |                |
| 2.                               | <b>Soil Gas to Indoor Air</b>     | Soil Gas Criteria (SGC)   |                   |   | Acute Soil Gas Screening Levels (ASGSLs)                  |                   |                |
|                                  | Soil Gas – Deep (5') and Sub-Slab | Deep (res)                | Chronic           | IURF or ITSL  | Deep (same value for res & nr)                            | Acute             | MRL            |
|                                  |                                   | Deep (nr)                 |                   |   |   |                   |                |
|                                  |                                   | Sub-slab (res)            | Chronic           | IURF or ITSL  | Sub-Slab (same value for res & nr)                        | Acute             | MRL            |
|                                  |                                   | Sub-slab (nr)             |                   |   |   |                   |                |
| <b>Groundwater to Indoor Air</b> | NA                                |                           |                   | Vapor Intrusion Groundwater Screening Levels (GW <sub>v1</sub> SLs) |   |                   |                |
| Groundwater                      |                                   |                           |                   | Residential (GW <sub>v1</sub> SLres)                                | Chronic   | IURF or ITSL      |                |
|                                  |                                   |                           |                   | Non-Residential (GW <sub>v1</sub> SLnr)                             | Chronic   | IURF or ITSL      |                |
| 4.                               | <b>Groundwater to Sump</b>        | NA                        |                   |   | Sump Groundwater Screening Levels (GW <sub>sump</sub> SL) |                   |                |
|                                  | Sump Water                        |                           |                   |   | Same value for res and nr                                 | NA                | IURF or ITSL   |
| 5.                               | <b>Flammability/Explosivity</b>   | NA                        |                   |   | Fire and Explosion Screening Levels (FESLs)               |                   |                |
|                                  | Groundwater                       |                           |                   |   | Same value for res and nr                                 | Acute             | LEL            |
| 6.                               | <b>Excavation/Utility Worker</b>  | NA                        |                   |   | Excavation Worker Screening Levels (EWSLs)                |                   |                |
|                                  | Soil Gas – Deep (5')              |                           |                   |   | Deep (same value for res & nr)                            | Acute             | MRL            |