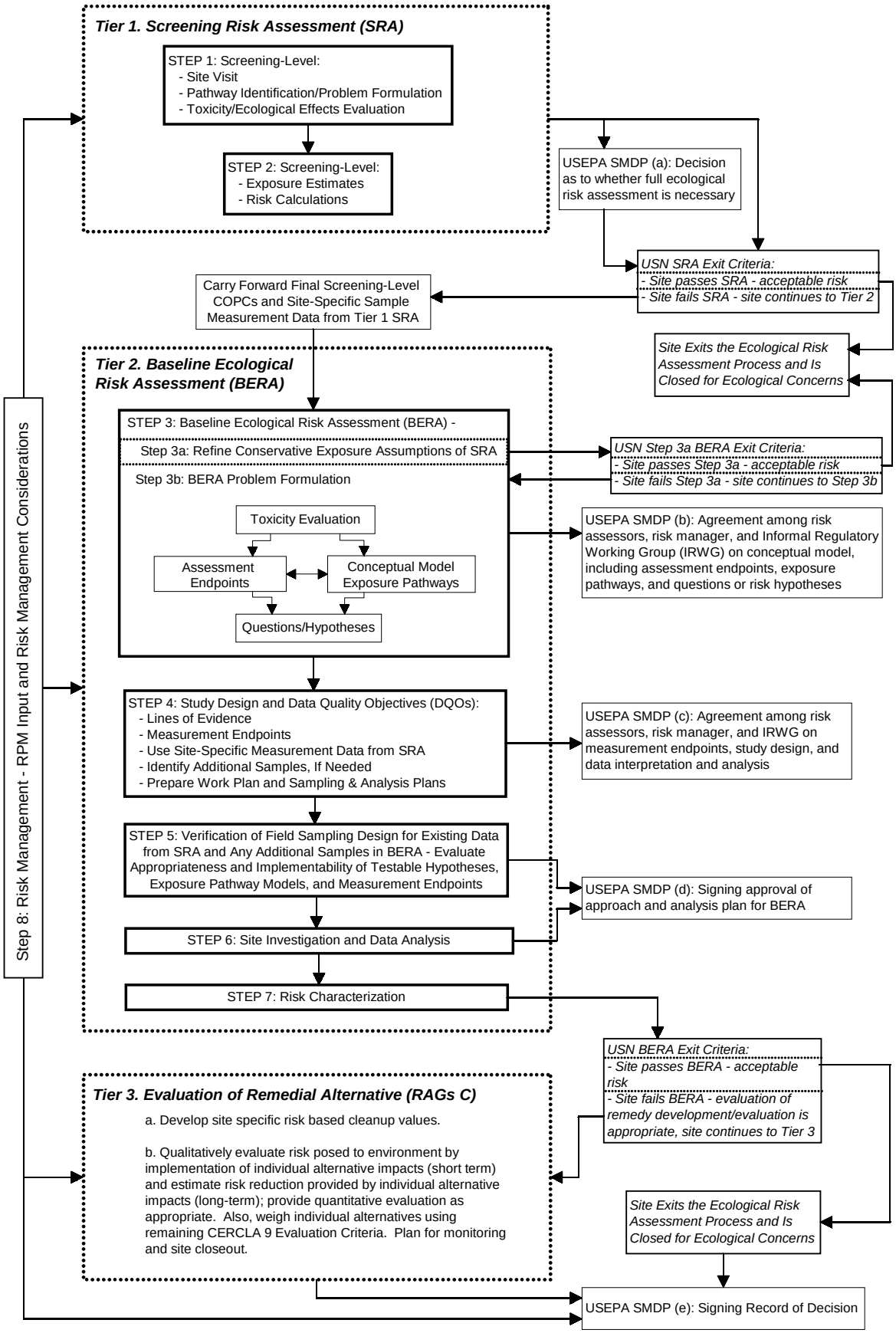

Figure 1-1. Combined USEPA 8-Step/USN Policy for Ecological Risk Assessment for Pearl Harbor Sediments RI/FS.

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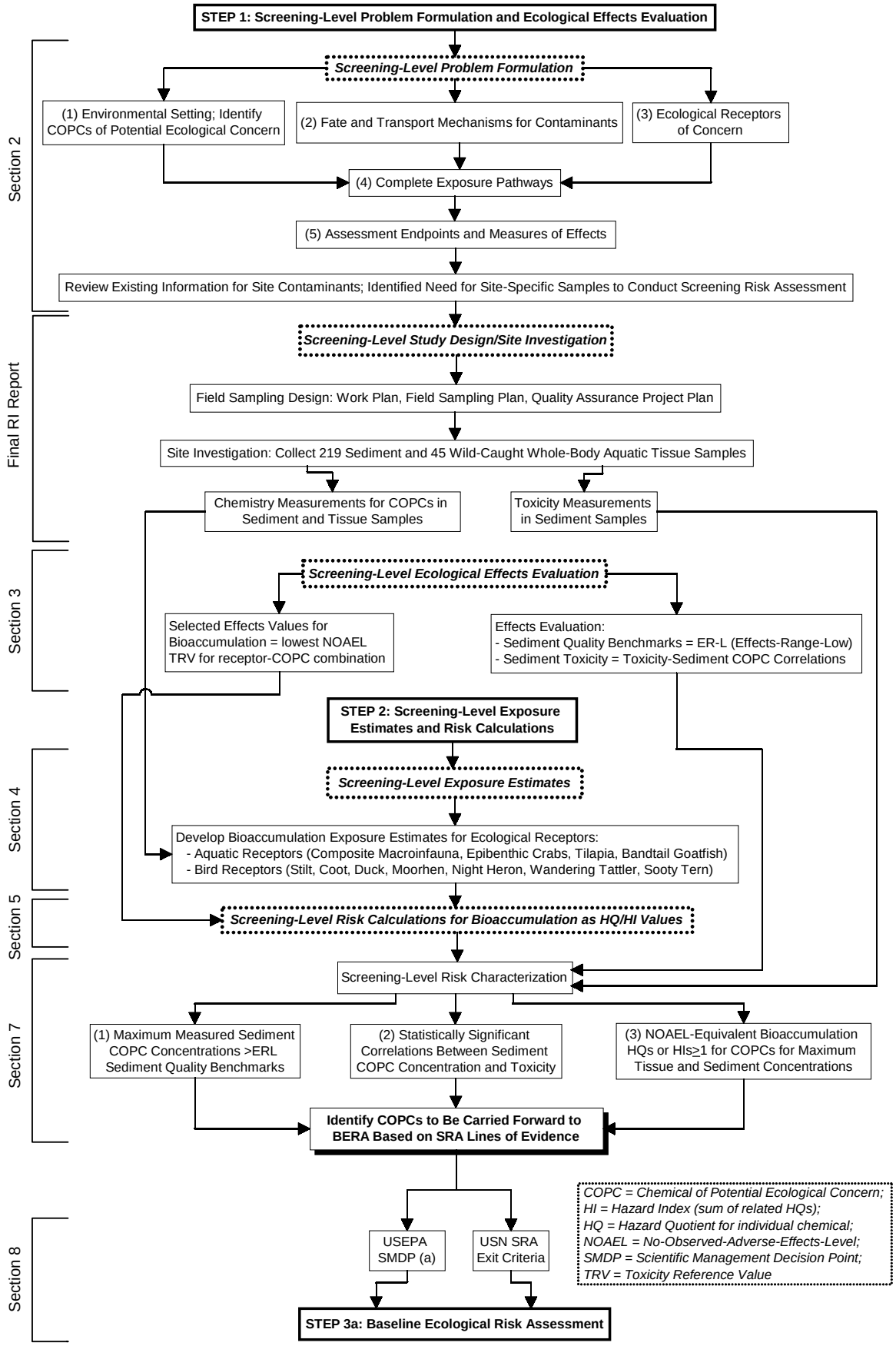

Figure 1-2. Components in USEPA Steps 1 and 2 and USN Tier 1 Screening Risk Assessment (SRA) for Pearl Harbor Sediments RI/FS. Sections of the SRA report associated with tasks in the flowchart are indicated along the left margin.

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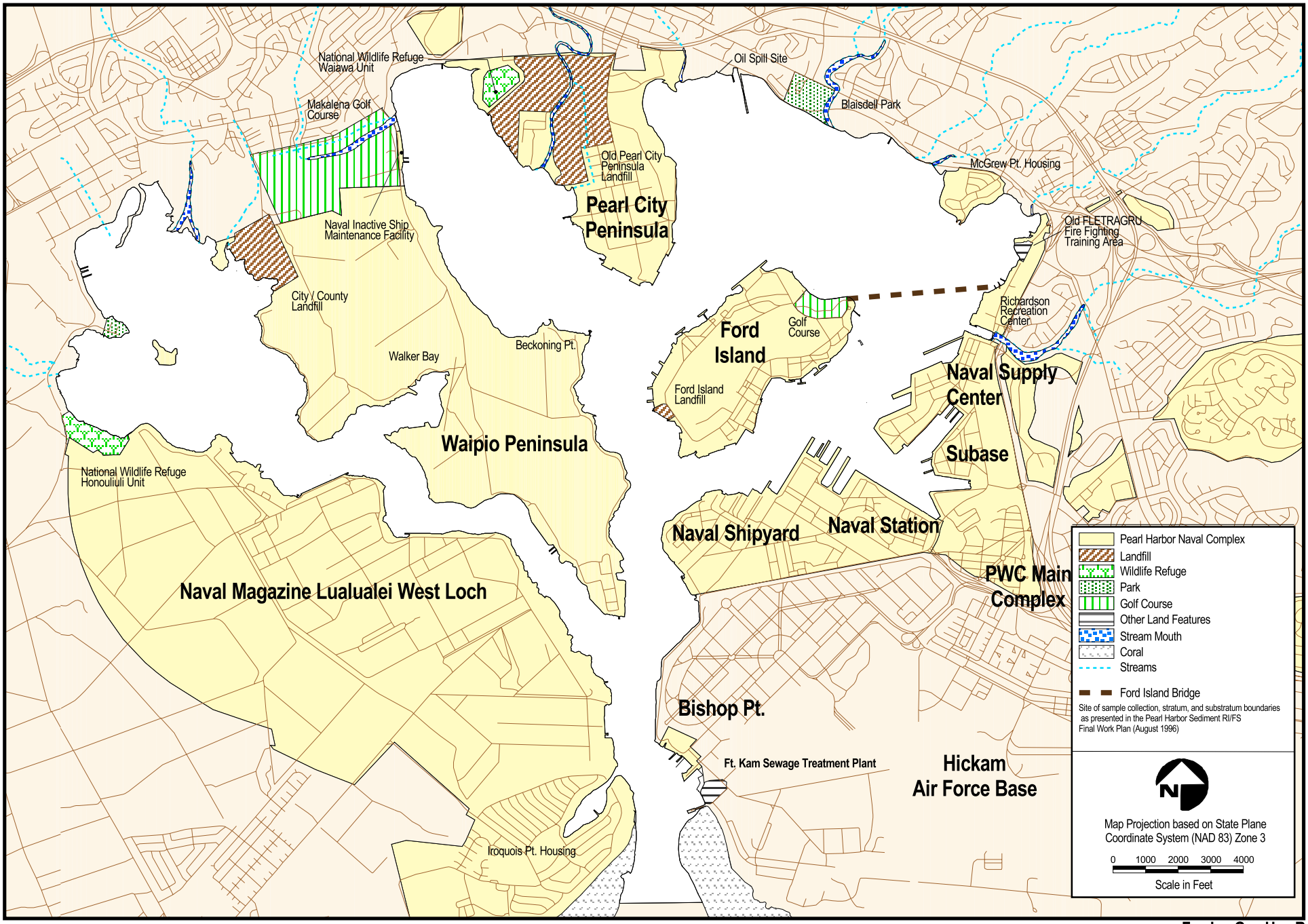

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Pearl Harbor Study Site

FIGURE 2.1.1-1

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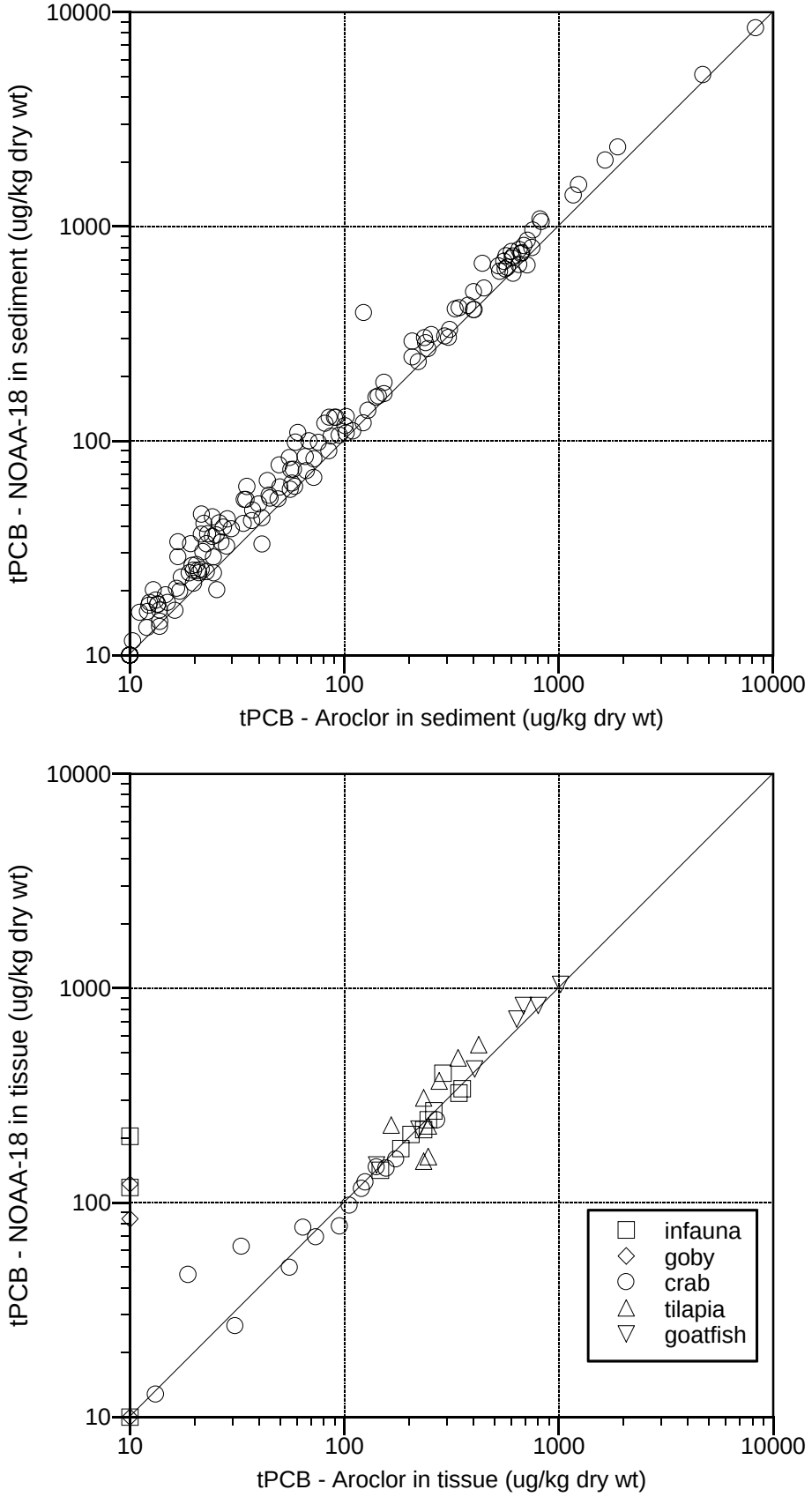

Figure 2.1.2-1. Comparison of total PCB estimates as tPCB - NOAA18 and tPCB - Aroclor for all sediment and whole-body wild-caught tissue samples from Pearl Harbor.

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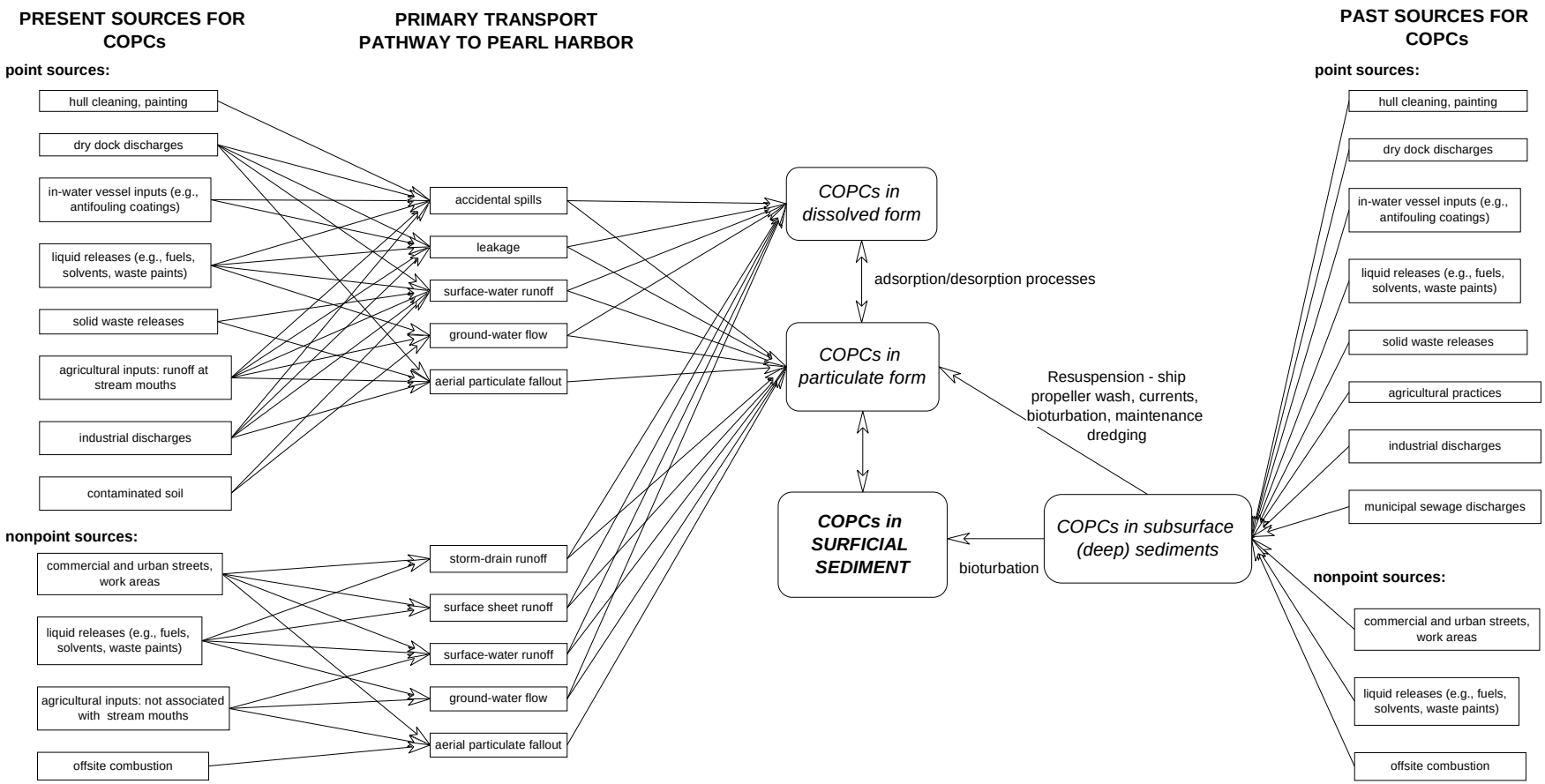

Figure 2.2-1. Fate and transport pathways for COPCs to surficial sediments for the Pearl Harbor Sediment RI/FS.

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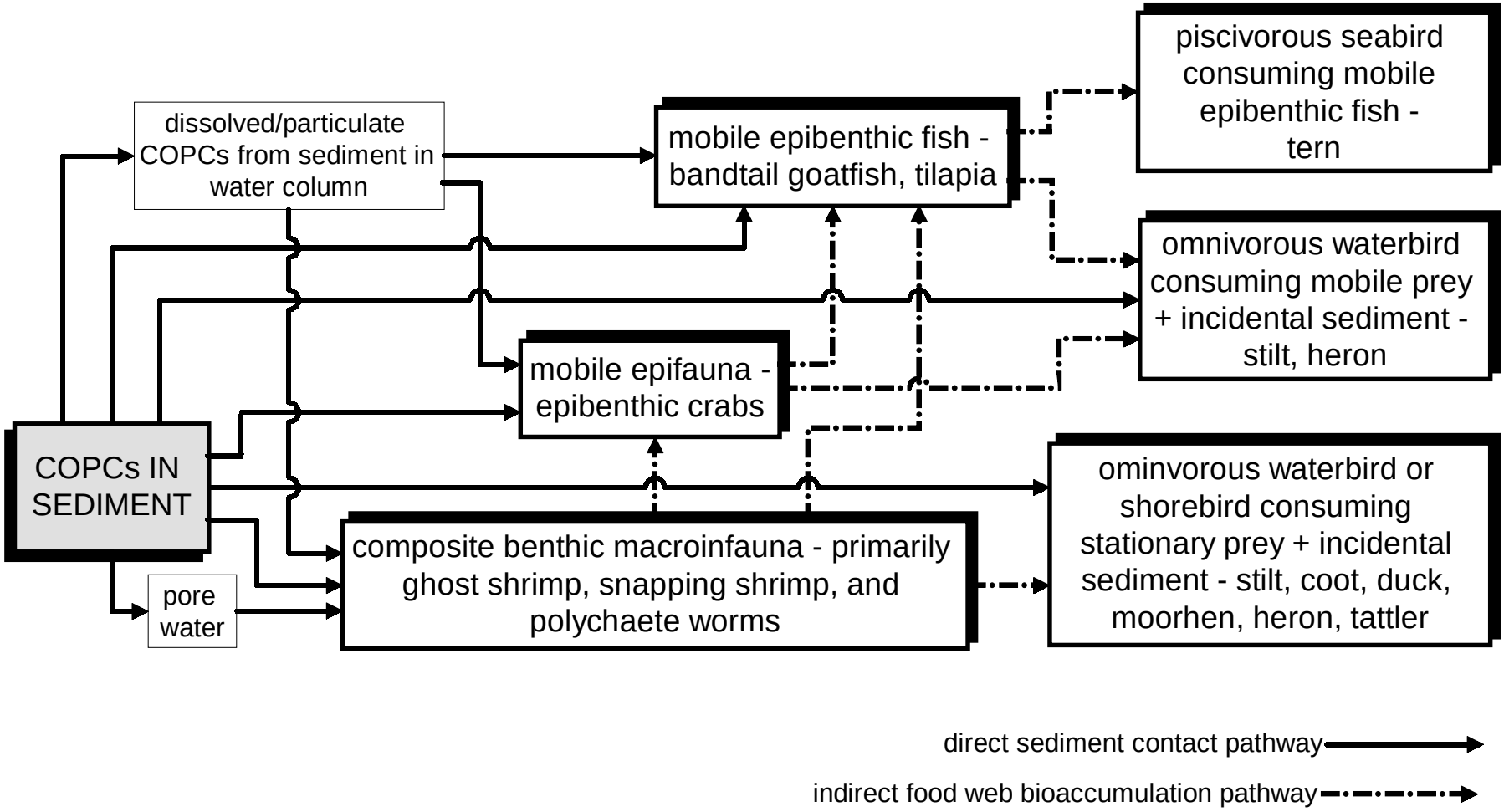

Figure 2.4-1. Complete exposure pathways for COPCs from sediments to target ecological receptors for Steps 1 and 2 of the SRA.

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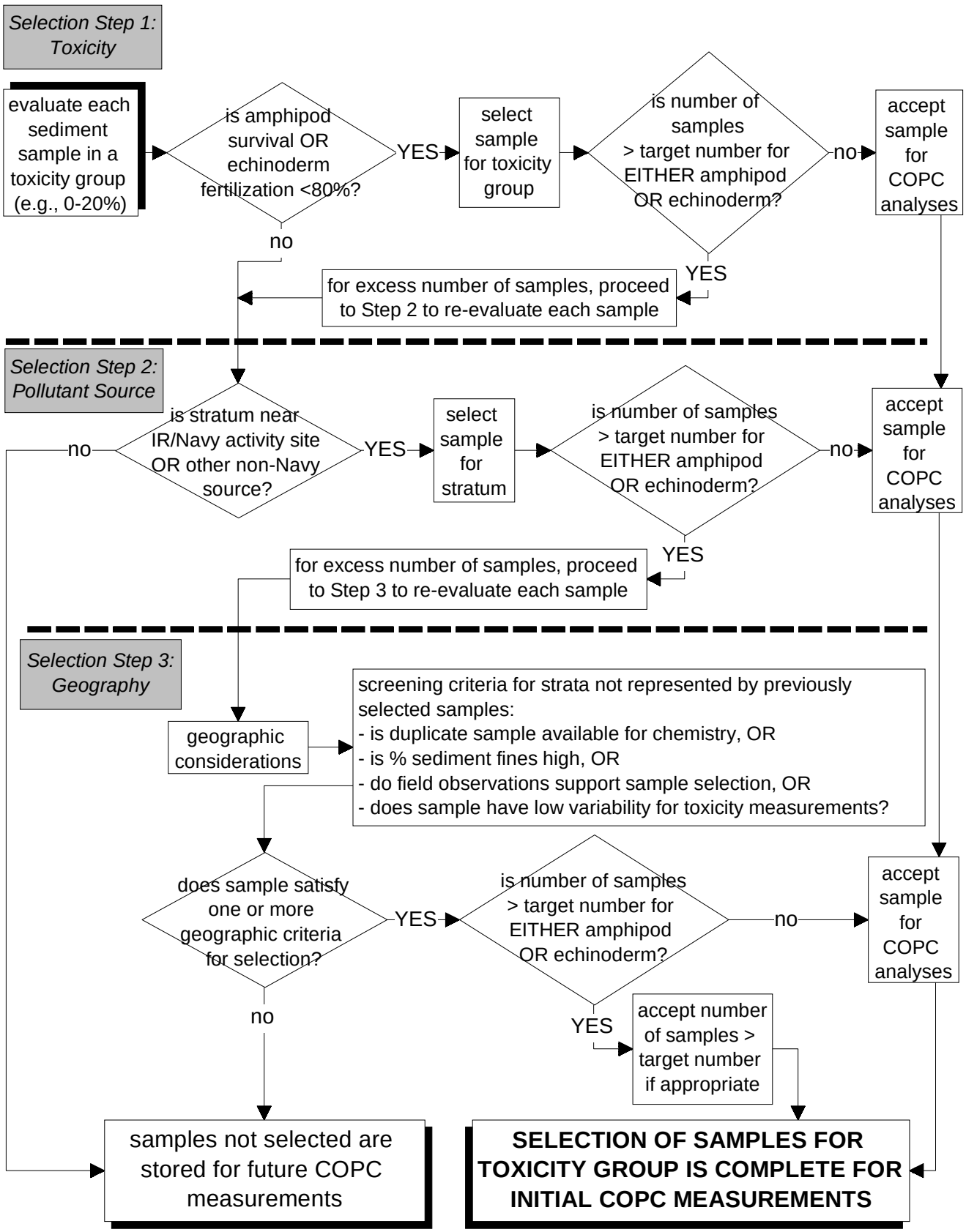

Figure 3.2-1. Approach for selecting initial subset of 100 sediment samples for chemical measurements for all COPCs based on harborwide toxicity results for 219 sediment samples, potential pollutant sources, and geographic locations of samples.

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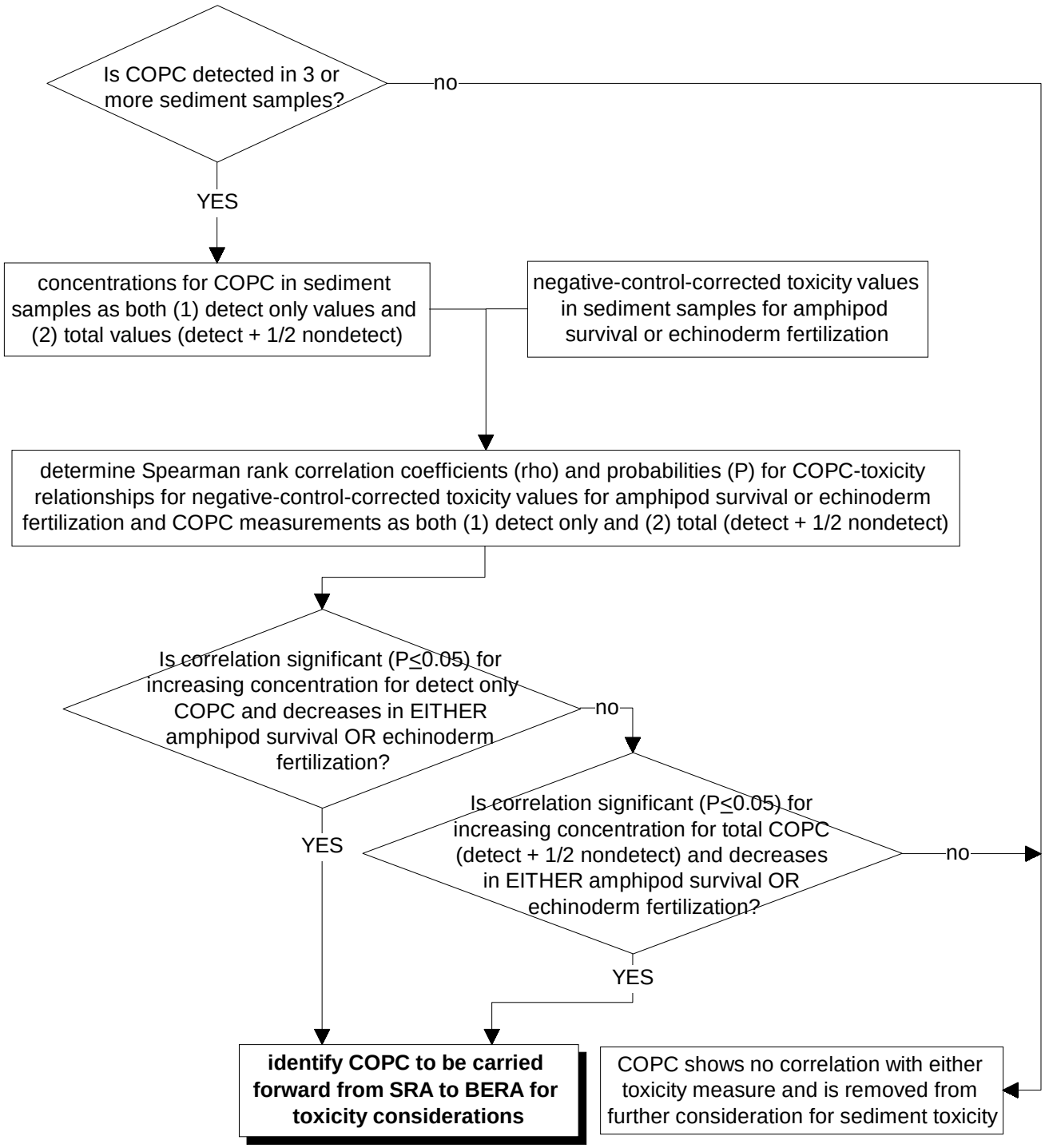

Figure 3.2-2. Decision process for identification of toxicity COPCs to be carried forward from the SRA to a BERA.

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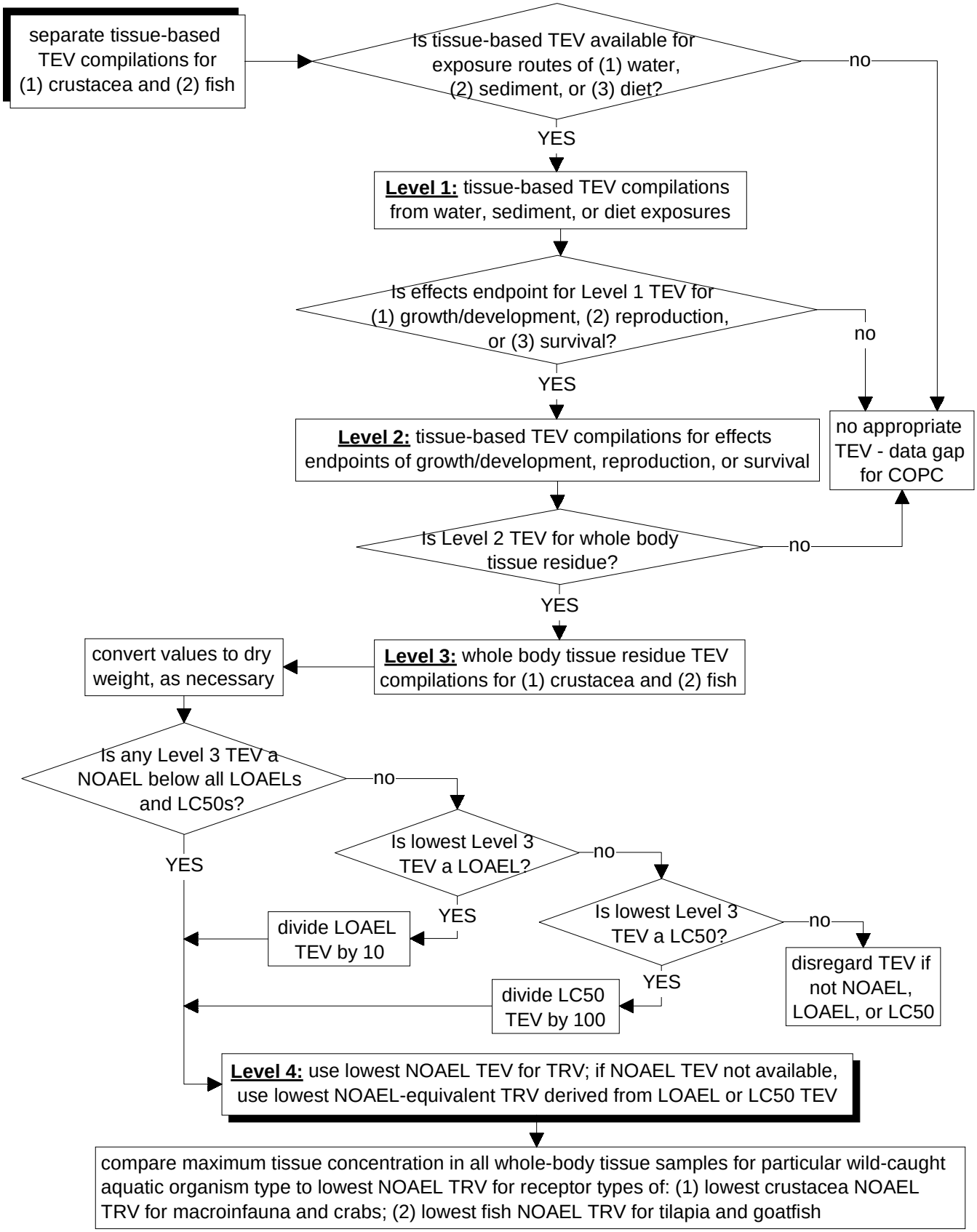

Figure 3.3.1-1. Identification for lowest appropriate NOAEL TRV for whole-body tissue residues for aquatic receptors of crustacea and fish for Steps 1 and 2 of the SRA.

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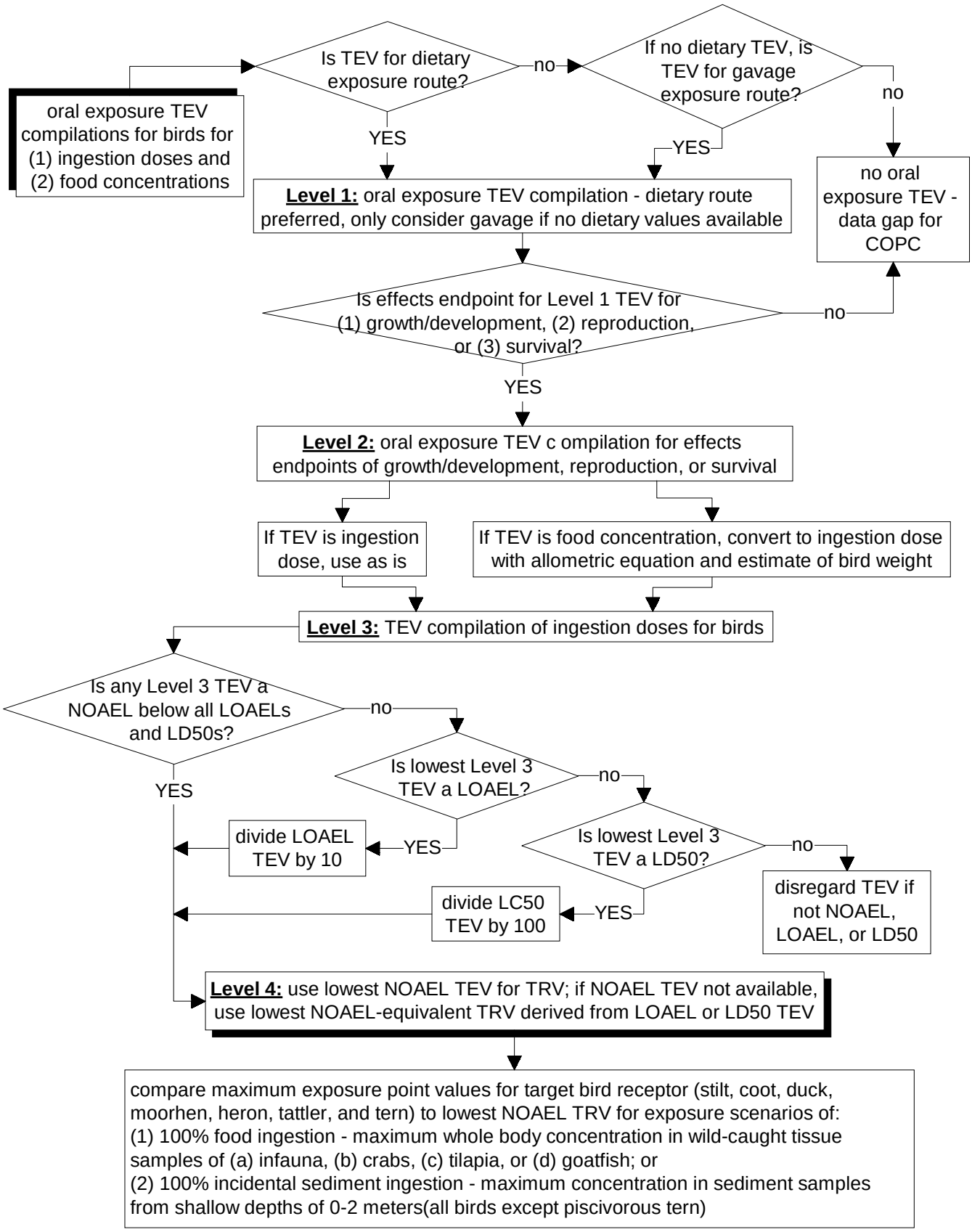

Figure 3.3.2-1. Identification for lowest appropriate NOAEL ingestion dose TRV for birds for Steps 1 and 2 of the SRA.

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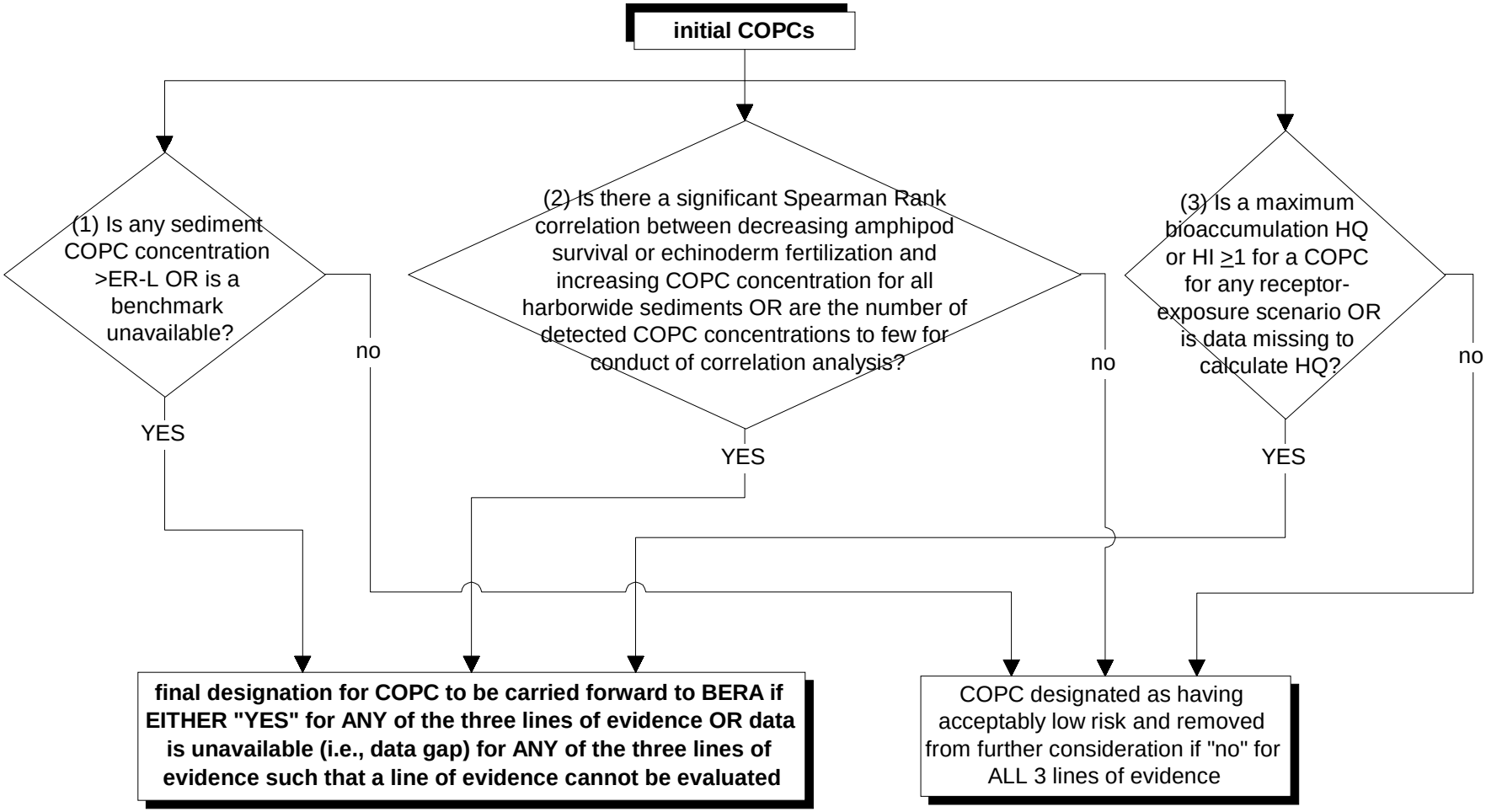

BERA = baseline ecological risk assessment
COPC = chemical of potential concern
ERL = effects-range-low value for sediment quality benchmark
HI = hazard index
HQ = hazard quotient

Figure 7.4-1. Process for selecting COPCs to be carried forward from Steps 1 and 2 of the SRA to a subsequent BERA.

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