

Conduct qualitative biological sampling for vertebrates and macroinvertebrates (Sections 6.1, 6.2.1.1, and 6.3.1.1)

Level 2 Assessment

Evidence of profound pollution impacts observed?

Yes

Assign PHWH class based upon the HHEI Classification Flow Chart (Figure 15)

No

Is there evidence of cold water fish (Section 6.1) or reproducing populations of cold water salamanders? (Section 6.2)

Yes

Class IIIB PHWH

No

Is the HMFEI score ≥ 20 ? (Section 6.3.1.1)

Yes

Assume Class IIIB unless Level 3 Assessment is conducted (Section 6.2.1.2 and 6.3.1.2; Figure 19)

Yes

Survey DQO's met? (Section 2.1)

No

Is there evidence of a reproducing population of Two-Lined or Longtail Salamanders? (Section 6.2)

Yes

No

Do any of the following conditions exist?
• Presence of warm water fish species (Section 6.1)
• Evidence of reproduction for Class II indicator salamanders (Section 6.2)
• HMFEI Score ≥ 7 ? (Section 6.3.1.2)

Yes

Class II PHWH

No

Class I PHWH

Conduct salamander VES (Section 6.2.1.2) and detailed macroinvertebrate community evaluation (Section 6.3.1.2) (see Figure 19)

No