

APPENDIX B

**LIST OF INDIVIDUAL ORGANIC ANALYTES MEASURED
IN CHEMICAL ANALYSES OF
FISH LIVER TISSUE AND STOMACH CONTENTS**

FOR

HYLEBOS WATERWAY FISH INJURY STUDIES

**Liver analyses (GC/MS detailed analyses):
Juvenile Salmon Injury and Toxicopathic Injury Studies (Sections 1 and 2)**

sum of PCBs: PCB congeners 18, 28, 44, 52, 66, 101, 105, 118, 128, 138, 153, 170, 180, 187, 195, 206, 209

sum of DDTs: *p,p'*-DDE, *p,p'*-DDT, *p,p'*-DDD

**Liver analyses (HPLC/PDA analyses):
Reproductive Injury Study (Section 3)**

Dioxin-like PCB congeners: PCBs 77, 105, 118, 126, 156, 157, 169, 170, 180, 189

Other selected PCB congeners: PCBs 101, 128, 138, 156

sum of PCBs: PCBs 105, 118, 156, 157, 169, 170, 180, 101, 128, 138, 156; PCBs 77, 126, and 189 are not included in the sum because they were below detection limits in all or nearly all samples

sum of DDTs: *p,p'*-DDE, *p,p'*-DDT, *p,p'*-DDD

non-DDT chlorinated pesticides: hexachlorobenzene (HCB)

TCDD toxic equivalents: calculated on the basis of concentrations of dioxin-like PCB congeners (PCBs 77, 105, 118, 126, 156, 169, 180, 189)

**Stomach contents analyses (GC/MS detailed analyses):
Juvenile Salmon Injury, Toxicopathic Injury, and Reproductive Injury Studies (all Sections)**

LAHs [sum of low molecular weight AHs]

Naphthalene

Acenaphthylene

Fluorene

Anthracene

Acenaphthene

Phenanthrene

2-Methylnaphthalene

Stomach contents analyses (cont'd)HAHs [sum of high molecular weight AHs]

Fluoranthene

Pyrene

Chrysene

Benzo(*a*)pyreneDibenz(*ah*)anthraceneBenz(*a*)anthraceneBenzo(*b+k*)fluoranthenesIdeno(1,2,3-*cd*)pyreneBenzo(*ghi*)perylene

sum of PCBs: PCB congeners 18, 28, 44, 52, 66, 101, 105, 118, 128, 138, 153, 170, 180, 187,
195, 206, 209

sum of DDTs: *p,p'*-DDE, *p,p'*-DDT, *p,p'*-DDD