

**Table 9-9
COPCs Identified for the Shallow Lake Energy System - Upper Calcasieu**

COPCs	COPC for Upper Calcasieu (BERA 2002b)	COPC for Upper Calcasieu (HHRA 2002a)	Statistically Significant Different to Reference Area	Nature and Extent Discussed
VOCs				
1,2-dichloroethane	No	No	ND	No
trichloroethane	No	No	ND	No
acetone	No	No	ND	No
SVOCs				
bis(2-ethylhexyl)phthalate	Yes	Yes	Yes	Yes
hexachlorobenzene	No	No	ND	No
hexachlorobutadiene	No	No	ND	No
3- & 4-Methylphenol	No	No	ND	No
carbon disulfide	No	No	ND	No
PAHs				
acenaphthylene	-	-	NE	Yes
benzo(a)anthracene	-	-	NE	Yes
benzo(a)pyrene	-	-	NE	Yes
benzo(b)fluoranthene	-	-	NE	Yes
benzo(g,h,i)perylene	-	-	NE	Yes
benzo(k)fluoranthene	-	-	NE	Yes
chrysene	-	-	NE	Yes
dibenzo(a,h)anthracene	-	-	NE	Yes
fluorene	-	-	NE	Yes
phenanthrene	-	-	NE	Yes
pyrene	-	-	Yes	Yes
Total PAHs	Yes	No	NE	Yes
Low PAHs	Yes	No	NE	Yes
High PAHs	Yes	No	NE	Yes
PCBs/Pesticides				
PCB Congeners	Yes	Yes	No	No
aroclor-1254	Yes	Yes	No	No
aldrin	No	Yes	ND	No ³
delta-bhc	No	No	ND	No
dieldrin	Yes	Yes	ND	No ³
endosulfan sulfate	No	No	ND	No
endrin aldehyde	No	No	ND	No
endrin ketone	No	No	ND	No
Dioxin/Furans				
2,3,7,8-TCDD	Yes	Yes	Yes	Yes
Inorganics				
arsenic	No	Yes	Yes	No ⁴
barium	No	No	Yes	No
chromium (total)	Yes	No	No	No
copper	Yes	No	Yes	Yes
lead	Yes	No	Yes	Yes
mercury	Yes	No	No	No
nickel	No	No	No	No
zinc	Yes	No	No	No

3 - Detected at less than 5 percent in the energy area or at only one location.

4 - Reference area conditions were greater than what was observed in the energy area.

ID - Insufficient Data NE - Not evaluated