

**Table 9-8  
COPCs Identified for the River Energy System - Upper Calcasieu**

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

1 - Detected at less than 5 percent in the energy area.

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

ID - Insufficient Data    NE - Not Evaluated by WRS Test    ND - Not Detected in Reference Area