

**Table 9-7
COPCs Identified for the Marsh Energy System - Upper Calcasieu**

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

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