To: Kelly, Jack (R3 Phila.)[Kelly.Jack@epa.gov]; Arguto, William[Arguto.William@epa.gov]; Burns, Francis[Burns.Fran@epa.gov]; Werner, Lora[Werner.Lora@epa.gov]; Markiewicz, Karl[Markiewicz.Karl@epa.gov]; Gilbert, John[Gilbert.John@epa.gov]; Smith, Art[Smith.Art@epa.gov]; Helverson, Robert[Helverson.Robert@epa.gov]; Wisniewski, Patti-Kay[Wisniewski.Patti-Kay@epa.gov]; Renninger, Steven[renninger.steven@epa.gov]; Borries, Samuel[borries.samuel@epa.gov]; Jarvela, Steve[Jarvela.Stephen@epa.gov]
Cc: Caporale, Cynthia[Caporale.Cynthia@epa.gov]
From: Singhvi, Raj
Sent: Tue 1/21/2014 3:44:24 PM
Subject: RE: Ohio River sample Results for 4-MethylCyclohaxneMethanol (cis and Trans)

MSDS sheet for Mixture of Cis and Trans.

From: Kelly, Jack (R3 Phila.)
Sent: Tuesday, January 21, 2014 10:17 AM
To: Arguto, William; Burns, Francis; Werner, Lora; Markiewicz, Karl; Gilbert, John; Smith, Art; Helverson, Robert; Wisniewski, Patti-Kay; Renninger, Steven; Borries, Samuel; Jarvela, Steve; Singhvi, Raj
Cc: Caporale, Cynthia
Subject: FW: Ohio River sample Results for 4-MethylCyclohaxneMethanol (cis and Trans)

Thank you, Raj.

- Just curious. Do you have more info on where these were collected?

- Is the attached MSDS for a similar compound or is it part of the mixture? ….or is my chemistry background so poor it's the same compound?

Jack

Jack Kelly

On Scene Coordinator

EPA Region III, Philadelphia

215-514-6792 (cell)

215-814-3112 (office)

From: Singhvi, Raj
Sent: Tuesday, January 21, 2014 9:27 AM
To: Kelly, Jack (R3 Phila.)
Cc: Caporale, Cynthia
Subject: FW: Ohio River sample Results for 4-MethylCyclohaxneMethanol (cis and Trans)

fyi

From: Singhvi, Raj
Sent: Monday, January 20, 2014 4:02 PM
To: Gilbert, John
Cc: Compton, Harry; Carpenter, Angela; Heimerman, Jeffrey; Barr, Pamela; Ex. 6 - Personal Privacy
Subject: Ohio River sample Results for 4-MethylCyclohaxneMethanol (cis and Trans)

John,

Please find attached MSDS data , analysis results , and Chain of custody for the 12 samples for 4-MethylCyclohaxneMethanol . The sample results shows the presence of 4-MethylCyclohaxneMethanol at low ppb level (0.31 to 0.66 ppb). The analytical method was developed based on EPA Method SW 8270, and all requirement for NEALC were met. The SOP (SERAS 1857) for GC/MS is under preparation based on method developed on fast track.

If there are any questions, Please call me.

Thanks.

-Raj

Results of the Analysis for

4-Methylcyclohexane Methanol (Cis & Trans) in Water
WA # 0-47001 MCHM Ohio River Site

Sample Number	Concentration µg/L		Reporting Limits µg/L
WBLK011914	U		0.500
Site 1 Vertical 1	0.660		0.500
Site 1 Vertical 2	0.370	J	0.560
Site 1 Vertical 3	0.640		0.500
Site 2 Vertical 1	0.620		0.530
Site 2 Vertical 2	0.460	J	0.560
Site 2 Vertical 3	0.570		0.560
Site 3 Vertical 1	0.480	J	0.540
Site 3 Vertical 2	0.450	J	0.530
Site 3 Vertical 3	0.560		0.500
Site 4 Vertical 1	0.320	J	0.550
Site 4 Vertical 2	0.310	J	0.500
Site 4 Vertical 3	0.420	J	0.500

"J" Denotes the result was less than the reporting limit.