



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE : September 1, 2010

SUBJECT: Region III Data QA Review

FROM: Colleen Walling *Colleen K. Walling*
Region III ESAT RPO (3EA20)

TO: Michael Towle
Regional Project Manager (3HS31)

Attached is the revised PCB Congeners data validation report (i.e. Data Summary Forms) for the Lin Electric Co. site (Case #: 40105; SDG#: C01J6) completed by the Region III Environmental Services Assistance Team (ESAT) contractor under the direction of Region III EAID.

If you have any questions regarding this review, please call me at (410) 305-2763.

Attachment

cc: Gene Nance (Tech Law)

TO: #0027 TDF: #07006

OFFICE OF ANALYTICAL SERVICES AND QUALITY ASSURANCE

Lockheed Martin IS&GS – Civil
Energy & Environment
ESAT Region 3
US EPA Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Telephone 410-305-3037 Facsimile 410-305-3597

Date: August 26, 2010

From: Mahboobeh Mecanic⁴⁴
ESAT Region 3 Data Reviewer

To: Colleen Walling
Region 3 ESAT Project Officer

Subject: Revised Data Summary Forms for Case 40105
SDG: C01J6
Site: Lin Electric Company

Attached are the revised Data Summary Forms (DSFs) for Case 40105, SDG C01J6. Pages 13 and 14 of the DSFs are revised to reflect the correct Toxicity Equivalence Factors based on the 2005 World Health Organization (WHO) Scheme for PCB congeners. As a result of this correction, the Total TEQs for samples C01J6 and C01J7 are changed to lower values.

Attachments

TO File 0027, TDF 07006

DATA SUMMARY FORM: TOX

Aqueous Samples (pg/L)

Case #: 40105

SDG : C01J6

Number of Aqueous Samples : 6

Site :

LIN ELECTRIC COMPANY

Lab. :

SGS

Sample Number :		C01J6	C01J7	C01J8	C01J9	C01K0										
Sample Location :		FB01	RB01	TW01	TW02	TW03										
Field QC :		Field Blank	Rinsate Blank			Dup. of C01K1										
Matrix:		Aqueous	Aqueous	Aqueous	Aqueous	Aqueous										
Units:		pg/L	pg/L	pg/L	pg/L	pg/L										
Date Sampled :		6/1/2010	6/1/2010	6/1/2010	6/1/2010	6/1/2010										
Time Sampled :		15:45	17:25	14:45	17:05	20:20										
Dilution Factor :		0.96	0.97	1.05	1.04	1.03										
Analyte / TEF	RL	CONC	TEQ	Q	CONC	TEQ	Q	CONC	TEQ	Q	CONC	TEQ	Q	CONC	TEQ	Q
TetraCB #77 (0.0001)	10		0		6.07	0.000607	J	16.6	0	B	65.1	0.0065		43.8	0.004	
TetraCB #81 (0.0003)	10		0			0			0			0			0	
PeCB #105 (0.00003)	10		0		57.1	0.001713		98.2	0	B	204	0	B	212	0	B
PeCB #114 (0.00003)	10		0			0			0			0			0	
PeCB #118 (0.00003)	10	96.2	0.00289		170	0.0051		289	0	B	519	0	B	504	0	B
PeCB #123 (0.00003)	10		0			0			0			0			0	
PeCB #126 (0.1)	10		0			0			0			0			0	
HxCB #156/157 (0.00003)	10	8.17	0.00025	J	15.2	0.000456		28.0	0	B	69.4	0	B	39.9	0	B
HxCB #167 (0.00003)	10		0		6.64	0.000199	J	10.8	0	B	33.5	0		15.1	0	B
HxCB #169 (0.03)	10		0			0			0			0			0	
HpCB #189 (0.00003)	10		0			0			0			0			0	
TOTAL TEQ			0.00313		0.008075			0			0.0065			0.004		

RL = Reporting Limit

To calculate sample quantitation limits: (RL * Dilution Factor)

DATA SUMMARY FORM: TOX

Aqueous Samples (pg/L)

Case #: 40105

SDG : C01J6

Site :

LIN ELECTRIC COMPANY

Lab. :

SGS

Sample Number : Prefix of MC08-	C01K1																
Sample Location : Prefix of MC08-	TW10																
Field QC	Dup. of C01K0																
Matrix:	Aqueous																
Units:	pg/L																
Date Sampled :	6/1/2010																
Time Sampled :	20:32																
Dilution Factor :	0.96																
Analyte / TEF	RL	CONC	TEQ	Q													
TetraCB #77 (0.0001)	10		0			0			0			0			0		
TetraCB #81 (0.0003)	10		0			0			0			0			0		
PeCB #105 (0.00003)	10		0			0			0			0			0		
PeCB #114 (0.00003)	10		0			0			0			0			0		
PeCB #118 (0.00003)	10	357	0	B		0			0			0			0		
PeCB #123 (0.00003)	10		0			0			0			0			0		
PeCB #126 (0.1)	10		0			0			0			0			0		
HxCB #156/157 (0.00003)	10		0			0			0			0			0		
HxCB #167 (0.00003)	10		0			0			0			0			0		
HxCB #169 (0.03)	10		0			0			0			0			0		
HpCB #189 (0.00003)	10		0			0			0			0			0		
TOTAL TEQ			0			0			0			0			0		

RL = Reporting Limit

To calculate sample quantitation limits: (RL * Dilution Factor)