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December 17, 2012 ***via Electronic Mail***

Ms. Stephanie Vaughn
Remedial Project Manager
Emergency and Remedial Response Division
U.S. EPA, Region 2
290 Broadway, 19th Floor
New York, New York 10007

Re: Submission of Data – Chemical Water Column
Monthly Progress Report No. 67 – November 2012
Lower Passaic River Study Area (LPRSA)
Remedial Investigation/Feasibility Study (RI/FS)
CERCLA Docket No. 02-2007-2009

Dear Ms.. Vaughn

Enclosed please find an electronic data submittal for the LPRSA RI/FS. The data will be posted to the EPA Project SharePoint site, in the CPG Implementation\Data folder. This deliverable contains lab results validated during the month of November 2012, representing the entire Chemical Water Column Montoring low-flow survey (August 2012) in the Lower Pasaic River Study Area.

The Region 2 EDD, version 3 files comprising this deliverable are:

File	Description
cwcm-lf-lpr-20121217.NJD980528996.EPARegion2EDD.mdb	**Lower Passaic River**: Tables in the Initial EDD group: Location_v3, FieldResuls_v3 and the Chemistry group: Sample_v3, TestResultQC_v3, Batch_v3 for tests and results from all labs

Project-specific items which clarify and/or extend the MEDD definition are:

- The surf_elev column of the Location _v3 table is presently set at 0 (zero).
- The depth_to_bedrock column of the Location_v3 table has been used to report the water depth observed at the time of sampling.
- Coeluting PCB congeners are denoted as requested by CDMSmith, with only the lowest BZ number of the coeluting set receiving a numeric result and/or reporting limit.

Reference values that have been added are listed in a table at the end of this letter.

Items reported as errors by EDP that are not really errors include:

Message	Table	Column	Value	Description
Result_value is required where detect_flag=Y.	TestResultQC_v3	detect_flag	Y	Due to the requested reporting scheme for coeluting PCB congeners.
Reporting_detection_ limit cannot be null when detect_flag=N.	TestResultQC_v3	detect_flag	N	Due to the requested reporting scheme for coeluting PCB congeners.

Message	Table	Column	Value	Description
Reference value not found	TestResultQC _v3	interpreted_ qualifiers	*various*	These qualifiers are the lab qualifiers that have been copied to this field to satisfy the R2EDD business rules. These results are for lab QC samples, or are not reportable, and so the qualifiers do not get "interpreted" for final presentation.

For questions about this deliverable, please contact Jim Herberich at AECOM's Chelmsford, MA office by phone at (978) 905-2243 or by email at jim.herberich@aecom.com.

Sincerely,

James Herberich
Leader, Data Management and Presentation

cc: Willard Potter, dmi
Robert Law, dmi
Laura Kelmar, AECOM

Reference Value Additons

Table	Column	Value	Description
TestResultQC_v3	cas_rn	1000144-35-9A	(2-Methyl-but-3-enyl-2-oxy)-dimethyl-sil, isomer
TestResultQC_v3	cas_rn	120-82-1A	1,2,4-Trichlorobenzene, isomer
TestResultQC_v3	cas_rn	126-73-8A	Tributyl phosphate, isomer
TestResultQC_v3	cas_rn	14808-79-8	Sulfate
TestResultQC_v3	cas_rn	15067-26-2A	Acenaphthene-d10, isomer
TestResultQC_v3	cas_rn	16887-00-6	Chloride
TestResultQC_v3	cas_rn	1825-21-4A	Anisole, 2,3,4,5,6-pentachloro-, isomer
TestResultQC_v3	cas_rn	19047-85-9A	Phosphonic acid, dioctadecyl ester, isomer
TestResultQC_v3	cas_rn	24478-72-6	1,2,3,4-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	301-02-0A	9-Octadecenamide, (Z)-, isomer
TestResultQC_v3	cas_rn	30746-58-8	1,2,3,4-TETRACHLORODIBENZO-P-DIOXIN
TestResultQC_v3	cas_rn	33423-92-6	1,3,6,8-TETRACHLORODIBENZO-P-DIOXIN
TestResultQC_v3	cas_rn	34816-53-0	1,2,7,8-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	36643-28-4	Tributyltin
TestResultQC_v3	cas_rn	39227-61-7	1,2,3,4,7-PENTACHLORODIBENZO-P-DIOXIN
TestResultQC_v3	cas_rn	39227-62-8	1,2,4,6,7,9-Hexachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	40581-90-6	1,2,6,7-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	40581-91-7	1,2,6,9-Tetrachlorodibenzo-p-dloxin
TestResultQC_v3	cas_rn	40581-93-9	1,4,6,9-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	40581-94-0	1,4,7,8-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	40710-42-7A	1-Hentetracontanol, isomer
TestResultQC_v3	cas_rn	50585-46-1	1,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
TestResultQC_v3	cas_rn	53555-02-5	1,2,3,8-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	542-90-5A	Thiocyanic acid, ethyl ester, isomer
TestResultQC_v3	cas_rn	57-10-3A	n-Hexadecanoic acid, isomer
TestResultQC_v3	cas_rn	57117-35-8	1,3,7,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	57117-36-9	1,3,6,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	57117-37-0	2,3,6,8-Tetrachlorodibenzofuran

Table	Column	Value	Description
TestResultQC_v3	cas_rn	57117-38-1	2,4,6,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	57117-40-6	3,4,6,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	57117-42-7	1,2,3,6,7-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	58200-66-1	1,2,3,4,6,7-Hexachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	58200-67-2	1,2,3,4,6,8-Hexachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	58200-68-3	1,2,3,4,6,9-Hexachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	58200-69-4	1,2,3,6,8,9-Hexachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	58200-70-7	1,2,3,4,6,7,9-Heptachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	58802 16-7	1,3,4,7,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	58802-08-7	1,2,4,7,8-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	58802-09-8	1,2,4,6,8,9-Hexachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	58802-15-6	1,2,4,7,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	58802-19-0	2,4,6,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	58802-20-3	1,2,7,8-TETRACHLORODIBENZOFURAN
TestResultQC_v3	cas_rn	62470-53-5	1,3,7,9-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	62470-54-6	1,2,8,9-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	62615-08-1	1,2,3,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	64126-87-0	1,2,4,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	64461-98-9	1,2,3,6,7,9-Hexachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	64560-17-4	1,3,7,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	65-85-0A	Benzoic acid, isomer
TestResultQC_v3	cas_rn	66-27-3A	Methyl methanesulfonate, isomer
TestResultQC_v3	cas_rn	66794-59-0	1,4,6,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	67028-18-6	1,2,3,7-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	67028-19-7	1,2,3,4,6-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	67323-56-2	1,2,6,8-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	67481-22-5	2,3,4,6,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	67517-48-0	1,2,3,4,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	67562-40-7	1,2,4,6,7,8-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	69433-00-7	1,2,6,7,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	69698-57-3	1,2,4,6,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	69698-58-4	1,2,3,4,6,8,9-Heptachlorodibenzofuran
TestResultQC_v3	cas_rn	69698-59-5	1,2,4,6,8,9-

Table	Column	Value	Description
			Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	69698-60-8	1,2,3,4,6,8-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-15-6	1,3,4,6,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-16-7	1,3,4,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-18-9	1,2,6,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-19-0	1,4,6,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-20-3	1,3,4,7,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-21-4	1,3,6,7,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-22-5	1,2,8,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-23-6	1,2,4,8,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	70648-25-8	1,2,3,4,6,7,9-Heptachlorodibenzofuran
TestResultQC_v3	cas_rn	70872-82-1	1,2,6,7,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	71665-99-1	1,2,4,9-Tetrachlorodlbenzo-p-dioxin
TestResultQC_v3	cas_rn	71669-23-3	1,2,7,9-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71669-24-4	1,3,6,9-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71669-25-5	1,2,3,6-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71669-26-6	1,2,3,9-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71669-27-7	1,2,4,6-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71669-28-8	1,2,4,7-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71669-29-9	1,2,4,8-Tetrachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71925-15-0	1,2,3,6,7-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71925-16-1	1,2,3,6,8-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71925-17-2	1,2,3,7,9-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71925-18-3	1,2,3,8,9-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	71998-72-6	1,3,6,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	71998-73-7	1,2,4,6-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	71998-74-8	1,2,4,7,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	71998-75-9	1,3,4,6,7,8-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	71998-76-0	1,2,4,6,8-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	75198-38-8	1,2,3,6,8,9-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	75627-02-0	1,2,4,6,7,9-Hexachlorodibenzofuran

Table	Column	Value	Description
TestResultQC_v3	cas_rn	79060-60-9	1,2,3,4,6,7-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	82291-34-7	1,2,3,6,9-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	82291-35-8	1,2,4,6,7-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	82291-36-9	1,2,4,6,9-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	82291-37-0	1,2,4,7,9-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	82291-38-1	1,2,4,8,9-Pentachlorodibenzo-p-dioxin
TestResultQC_v3	cas_rn	82911-58-8	1,4,6,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83690-98-6	1,3,6,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-21-6	1,2,3,6-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-22-7	1,2,3,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-23-8	1,2,3,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-24-9	1,2,4,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-26-1	1,2,7,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-27-2	1,3,4,6-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-28-3	1,3,4,9-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-29-4	1,4,7,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-30-7	2,3,4,6-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-31-8	2,3,4,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-32-9	2,3,4,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-33-0	1,6,7,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-35-2	1,4,6,7,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-36-3	1,3,4,6,7-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-47-6	1,2,3,4,6-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-48-7	1,2,3,4,7-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-49-8	1,2,3,4,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-50-1	1,2,4,6,7-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-51-2	1,2,3,6,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-52-3	1,2,3,6,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-53-4	1,2,3,7,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-54-5	1,2,3,8,9-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83704-55-6	1,3,4,6,8-Pentachlorodibenzofuran
TestResultQC_v3	cas_rn	83710-07-0	1,2,6,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	83719-40-8	1,2,4,7-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	85-41-6A	1H-Isoindole-1,3(2H)-dione, isomer
TestResultQC_v3	cas_rn	87-65-0A	2,6-Dichlorophenol, isomer
TestResultQC_v3	cas_rn	90-12-0A	Naphthalene, 1-methyl-, isomer
TestResultQC_v3	cas_rn	91538-83-9	1,2,3,4,6,9-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	91538-84-0	1,2,3,4,7,9-Hexachlorodibenzofuran

Table	Column	Value	Description
TestResultQC_v3	cas_rn	91-59-8A	2-Naphthylamine, isomer
TestResultQC_v3	cas_rn	92341-04-3	1,3,4,8-Tetrachlorodibenzofuran
TestResultQC_v3	cas_rn	92341-05-4	1,3,4,6,7,9-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	92341-06-5	1,2,3,6,7,9-Hexachlorodibenzofuran
TestResultQC_v3	cas_rn	95-13-6A	Indene, isomer
TestResultQC_v3	cas_rn	96-19-5A	1-Propene, 1,2,3-trichloro-, isomer
TestResultQC_v3	cas_rn	ALK	ALKALINITY, TOTAL (AS CACO3)
TestResultQC_v3	cas_rn	DD1234678HC13	ES 1234678-HpCDD
TestResultQC_v3	cas_rn	DD123478HXC13	ES 123478-HxCDD
TestResultQC_v3	cas_rn	DD12347PECC13	CS 12347-PeCDD
TestResultQC_v3	cas_rn	DD123678HXC13	ES 123678-HxCDD
TestResultQC_v3	cas_rn	DD123789HXCC13	ES 123789-HxCDD
TestResultQC_v3	cas_rn	DD12378PECC13	ES 12378-PeCDD
TestResultQC_v3	cas_rn	DD1368TCDC13	13C-1,3,6,8-TCDD
TestResultQC_v3	cas_rn	DD2378TCDCL37	CS 37Cl-2378-TCDD
TestResultQC_v3	cas_rn	DD2378TCDDC13	ES 2378-TCDD
TestResultQC_v3	cas_rn	DDOCDDC13	ES OCDD
TestResultQC_v3	cas_rn	DF1234689HC13	CS 1234689-HpCDF
TestResultQC_v3	cas_rn	DF123468HPC13	ES 1234678-HpCDF
TestResultQC_v3	cas_rn	DF123469HXC13	CS 123469-HxCDF
TestResultQC_v3	cas_rn	DF12346PECC13	CS 12346-PeCDF
TestResultQC_v3	cas_rn	DF1234789HC13	ES 1234789-HpCDF
TestResultQC_v3	cas_rn	DF123478HXC13	ES 123478-HxCDF
TestResultQC_v3	cas_rn	DF123678HXC13	ES 123678-HxCDF
TestResultQC_v3	cas_rn	DF123789HXC13	ES 123789-HxCDF
TestResultQC_v3	cas_rn	DF12378PECC13	ES 12378-PeCDF
TestResultQC_v3	cas_rn	DF1368TCDC13	13C-1,3,6,8-TCDF
TestResultQC_v3	cas_rn	DF23467HXCC13	ES 234678-HxCDF
TestResultQC_v3	cas_rn	DF23478PECC13	ES 23478-PeCDF
TestResultQC_v3	cas_rn	DF2378TCDFC13	ES 2378-TCDF
TestResultQC_v3	cas_rn	DFOCDFC13	ES OCDF
TestResultQC_v3	cas_rn	HARD	HARDNESS (AS CACO3)
TestResultQC_v3	cas_rn	PCB 104C13	13C12-PCB 104
TestResultQC_v3	cas_rn	PCB 105C13	13C12-PCB 105
TestResultQC_v3	cas_rn	PCB 111C13	13C12-PCB 111
TestResultQC_v3	cas_rn	PCB 114C13	13C12-PCB 114
TestResultQC_v3	cas_rn	PCB 118C13	13C12-PCB 118
TestResultQC_v3	cas_rn	PCB 123C13	13C12-PCB 123
TestResultQC_v3	cas_rn	PCB 126C13	13C12-PCB 126
TestResultQC_v3	cas_rn	PCB 155C13	13C12-PCB 155
TestResultQC_v3	cas_rn	PCB 156C13	13C12-PCB 156
TestResultQC_v3	cas_rn	PCB 157C13	13C12-PCB 157
TestResultQC_v3	cas_rn	PCB 15C13	13C12-PCB 15
TestResultQC_v3	cas_rn	PCB 167C13	13C12-PCB 167

Table	Column	Value	Description
TestResultQC_v3	cas_rn	PCB 169C13	13C12-PCB 169
TestResultQC_v3	cas_rn	PCB 170C13	13C12-PCB 170
TestResultQC_v3	cas_rn	PCB 178C13	13C12-PCB 178
TestResultQC_v3	cas_rn	PCB 188C13	13C12-PCB 188
TestResultQC_v3	cas_rn	PCB 189C13	13C12-PCB 189
TestResultQC_v3	cas_rn	PCB 19C13	13C12-PCB 19
TestResultQC_v3	cas_rn	PCB 1C13	13C12-PCB 1
TestResultQC_v3	cas_rn	PCB 202C13	13C12-PCB 202
TestResultQC_v3	cas_rn	PCB 205C13	13C12-PCB 205
TestResultQC_v3	cas_rn	PCB 206C13	13C12-PCB 206
TestResultQC_v3	cas_rn	PCB 208C13	13C12-PCB 208
TestResultQC_v3	cas_rn	PCB 209C13	13C12-PCB 209
TestResultQC_v3	cas_rn	PCB 28C13	13C12-PCB 28
TestResultQC_v3	cas_rn	PCB 37C13	13C12-PCB 37
TestResultQC_v3	cas_rn	PCB 3C13	13C12-PCB 3
TestResultQC_v3	cas_rn	PCB 4C13	13C12-PCB 4
TestResultQC_v3	cas_rn	PCB 54C13	13C12-PCB 54
TestResultQC_v3	cas_rn	PCB 77C13	13C12-PCB 77
TestResultQC_v3	cas_rn	PCB 81C13	13C12-PCB 81
TestResultQC_v3	cas_rn	PTOC	Particulate Organic Carbon
TestResultQC_v3	cas_rn	Q1586	2-Methylnaphthalene-d10
TestResultQC_v3	cas_rn	SSC0.7	Suspended Solids Concentration (0.7um)
Batch_v3 TestResultQC_v3	lab_anl_method_name	218.6	Hexavalent Chromium by Ion Chromatograph
Batch_v3 TestResultQC_v3	lab_anl_method_name	10200-H	Chlorophyll a-b-c Determination
Batch_v3 TestResultQC_v3	lab_anl_method_name	4500-NH3(G)	Ammonia in Water Using Automated Phenate Method
Batch_v3 TestResultQC_v3	lab_anl_method_name	4500-S2(F)	Sulfide by Calculation
Batch_v3 TestResultQC_v3	lab_anl_method_name	SW8270 LL	LOW LEVEL SEMI-VOLITILE ORGANIC COMPOUNDS BY GC/MS
TestResultQC_v3	prep_method	E1640	Determination of Trace Elements in Ambient Waters by On-Line Chelation Preconcentration and ICP-MS
TestResultQC_v3	preservative	BRCL	Bromine Chloride
TestResultQC_v3	preservative	HCL	Hydrochloric Acid