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October 15, 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 – RM 10.9 Addenda
Monthly Progress Report No. 1 – September 2012
Lower Passaic River Study Area (LPRSA)
RM 10.9 Removal Action
CERCLA Docket No. 02-2012-2015

Dear Ms.. Vaughn

Enclosed please find an electronic data submittal for the LPRSA RM 10.9 Removal Action. 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 September 2012, and supporting field data, representing the River Mile 10.9 Characterization QAPP Addenda A & C (May and June 2012).

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

File	Description
rm10.9-add-20121015.NJD980528996.EPARegion2EDD.mdb	Tables in the Initial EDD group: Location_v3, DrillActivity_v3, Lithology_v3, GeologySamples_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. Note that EDP flags the total_or_dissolved value of “TCLP” with a “Value exceeds field length” error, rather than “Reference value not found”.

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.

Message	Table	Column	Value	Description
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.
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
Batch_v3, TestResultQC_v3	total_or_dissolved	TCLP	Toxicity characteristic leaching procedure (SW-846 1312)
TestResultQC_v3	cas_rn	1000194-62-4A	4,4,6a,6b,8a,11,11,14b-Octamethyl-1,4,4a, isomer
TestResultQC_v3	cas_rn	1000194-64-2A	4,4,6a,6b,8a,11,12,14b-Octamethyl-1,4,4a, isomer
TestResultQC_v3	cas_rn	1000197-14-1A	4b,8-Dimethyl-2-isopropylphenanthrene, 4, isomer
TestResultQC_v3	cas_rn	1000293-16-6A	18-Norabietane, isomer
TestResultQC_v3	cas_rn	1000305-22-4A	1H-Benz[f]indene, 2-phenyl-, isomer
TestResultQC_v3	cas_rn	1000351-75-1A	Tricosyl trifluoroacetate, isomer
TestResultQC_v3	cas_rn	1000351-83-8A	Heneicosyl heptafluorobutyrate, isomer
TestResultQC_v3	cas_rn	1058-61-3A	Stigmast-4-en-3-one, isomer
TestResultQC_v3	cas_rn	119-07-3A	1,2-Benzenedicarboxylic acid, decyl octy-isomer
TestResultQC_v3	cas_rn	1210-34-0A	5H-Dibenzo[a,d]cyclohepten-5-ol, 10,11-d, isomer
TestResultQC_v3	cas_rn	1255-26-1A	Lanost-8-en-3-one, isomer
TestResultQC_v3	cas_rn	131-20-4A	Diisooctyl phthalate, isomer
TestResultQC_v3	cas_rn	13187-99-0A	2-Bromo dodecane -isomer
TestResultQC_v3	cas_rn	13287-24-6A	Nonadecane, 9-methyl-, isomer
TestResultQC_v3	cas_rn	140-66-9A	Phenol, 4-(1,1,3,3-tetramethylbutyl)-, isomer
TestResultQC_v3	cas_rn	1560-88-9A	Octadecane, 2-methyl-, isomer
TestResultQC_v3	cas_rn	1560-89-0A	Heptadecane, 2-methyl-, isomer
TestResultQC_v3	cas_rn	15869-94-0A	Octane, 3,6-dimethyl-, isomer
TestResultQC_v3	cas_rn	1599-67-3A	1-Docosene, isomer
TestResultQC_v3	cas_rn	1617-70-5A	Lup-20(29)-en-3-one, isomer
TestResultQC_v3	cas_rn	1705-84-6A	Triphenylene, 2-methyl- isomer
TestResultQC_v3	cas_rn	1705-85-7A	Chrysene, 6-methyl-, isomer
TestResultQC_v3	cas_rn	18835-33-1A	1-Hexacosene, isomer
TestResultQC_v3	cas_rn	189-55-9A	3,4:9,10-Dibenzopyrene, isomer
TestResultQC_v3	cas_rn	189-64-0A	3,4:8,9-Dibenzopyrene, isomer
TestResultQC_v3	cas_rn	191-26-4A	Dibenzo[def,mno]chrysene, isomer
TestResultQC_v3	cas_rn	191-26-4B	Dibenzo[def,mno]chrysene, isomer
TestResultQC_v3	cas_rn	203-64-5A	4H-Cyclopenta[def]phenanthrene, isomer
TestResultQC_v3	cas_rn	205-99-2A	Benz[e]acephenanthrylene-isomer
TestResultQC_v3	cas_rn	21164-95-4A	Hexadecane, 7,9-dimethyl-, isomer
TestResultQC_v3	cas_rn	21297-22-3A	5,12-Dimethylbenz[a]anthracene, isomer

Table	Column	Value	Description
TestResultQC_v3	cas_rn	215-58-7A	Benzo[b]triphenylene, isomer
TestResultQC_v3	cas_rn	215-58-7B	Benzo[b]triphenylene, isomer
TestResultQC_v3	cas_rn	234-41-3A	Naphtho[1,2-b]thiophene, isomer
TestResultQC_v3	cas_rn	2498-75-1A	Benz[a]anthracene, 3-methyl-, isomer
TestResultQC_v3	cas_rn	25321-14-6	Dinitrotoluene
TestResultQC_v3	cas_rn	25732-74-5A	Cyclopenta(cd)pyrene, 3,4-dihydro-, isomer
TestResultQC_v3	cas_rn	26730-14-3A	Tridecane, 7-methyl-, isomer
TestResultQC_v3	cas_rn	268-77-9A	Naphtho[2,3-b]thiophene, isomer
TestResultQC_v3	cas_rn	2958-75-0A	1-Methyldecahydronaphthalene, isomer
TestResultQC_v3	cas_rn	31295-56-4A	Dodecane, 2,6,11-trimethyl-, isomer
TestResultQC_v3	cas_rn	3351-28-8A	Chrysene, 1-methyl-, isomer
TestResultQC_v3	cas_rn	33543-31-6B	Fluoranthene, 2-methyl-, isomer
TestResultQC_v3	cas_rn	36643-28-4	Tributyltin
TestResultQC_v3	cas_rn	3674-66-6A	Phenanthrene, 2,5-dimethyl-isomer
TestResultQC_v3	cas_rn	3910-35-8A	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3 -isomer
TestResultQC_v3	cas_rn	42217-02-7A	1-Chloroeicosane, isomer
TestResultQC_v3	cas_rn	4505-48-0A	1H-Indene, 2-phenyl-, isomer
TestResultQC_v3	cas_rn	471-68-1A	Olean-12-ene - isomer
TestResultQC_v3	cas_rn	479-79-8B	11H-Benzo[a]fluoren-11-one, isomer
TestResultQC_v3	cas_rn	483-65-8A	Phenanthrene, 1-methyl-7-(1-methylethyl), isomer
TestResultQC_v3	cas_rn	486-25-9A	9H-Fluoren-9-one, isomer
TestResultQC_v3	cas_rn	50861-05-7A	9H-Cyclopenta[a]pyrene-isomer
TestResultQC_v3	cas_rn	54105-67-8A	Heptadecane, 2,6-dimethyl-isomer
TestResultQC_v3	cas_rn	54986-63-9A	Benzo[c]phenanthrene, 5,8-dimethyl-, isomer
TestResultQC_v3	cas_rn	559-70-6A	.beta.-Amyrin, isomer
TestResultQC_v3	cas_rn	559-70-6B	.beta.-Amyrin, isomer
TestResultQC_v3	cas_rn	56-49-5A	3-Methylcholanthrene, isomer
TestResultQC_v3	cas_rn	566-88-1A	Cholestan-3-one. (5,alpha.), isomer
TestResultQC_v3	cas_rn	570-74-1A	Cholest-5-ene, isomer
TestResultQC_v3	cas_rn	57-10-3A	n-Hexadecanoic acid, isomer
TestResultQC_v3	cas_rn	5737-13-3A	Cyclopenta(def)phenanthrenone, isomer
TestResultQC_v3	cas_rn	593-49-7A	Heptacosane, isomer
TestResultQC_v3	cas_rn	601-53-6A	Cholestan-3-one, (5.beta.)-, isomer
TestResultQC_v3	cas_rn	603-48-5A	Benzenamine, 4,4,4-methylidynetris[N,, isomer
TestResultQC_v3	cas_rn	62016-79-9A	Heptacosane, 1-chloro-, isomer

Table	Column	Value	Description
TestResultQC_v3	cas_rn	6258-73-7A	2-Pentene, 4-methyl-2,4-diphenyl-, isomer
TestResultQC_v3	cas_rn	629-59-4A	Tetradecane, isomer
TestResultQC_v3	cas_rn	629-62-9A	Pentadecane, isomer
TestResultQC_v3	cas_rn	629-94-7A	Heneicosane-isomer
TestResultQC_v3	cas_rn	629-99-2A	Pentacosane, isomer
TestResultQC_v3	cas_rn	630-01-3A	Hexacosane, isomer
TestResultQC_v3	cas_rn	630-02-4A	Octacosane, isomer
TestResultQC_v3	cas_rn	638-95-9A	.alpha.-Amyrin, isomer
TestResultQC_v3	cas_rn	646-31-1A	Tetracosane, isomer
TestResultQC_v3	cas_rn	6566-19-4A	10,18-Bisnorabieta-5,7,9(10),11,13-penta - isomer
TestResultQC_v3	cas_rn	6765-39-5A	1-Heptadecene, isomer
TestResultQC_v3	cas_rn	7198-87-0A	4H-Dibenz[a,kl]anthracene, 5,6-dihydro-, isomer
TestResultQC_v3	cas_rn	779-02-2A	Anthracene, 9-methyl-, isomer
TestResultQC_v3	cas_rn	781-43-1A	9,10-Dimethylanthracene- isomer
TestResultQC_v3	cas_rn	79-34-5A	Ethane, 1,1,2,2-tetrachloro-, isomer
TestResultQC_v3	cas_rn	79-62-9A	Lanost-8-en-3-ol, (3.beta.)-, isomer
TestResultQC_v3	cas_rn	82-05-3A	7H-Benz[de]anthracen-7-one, isomer
TestResultQC_v3	cas_rn	832-71-3A	Phenanthrene, 3-methyl-, isomer
TestResultQC_v3	cas_rn	83-46-5A	.beta.-Sitosterol, isomer
TestResultQC_v3	cas_rn	83-47-6A	.gamma.-Sitosterol-isomer
TestResultQC_v3	cas_rn	84-65-1A	9,10-Anthracenedione, isomer
TestResultQC_v3	cas_rn	863-76-3A	Urs-12-en-3-ol, acetate, (3.beta.)-, isomer
TestResultQC_v3	cas_rn	949-41-7A	1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd - isomer
TestResultQC_v3	cas_rn	CAG-TOT-CRE	3 & 4-Methylphenol
TestResultQC_v3	cas_rn	CORROS	CORROSIVITY
TestResultQC_v3	cas_rn	FLASHPT	FLASH POINT
TestResultQC_v3	cas_rn	FLIQUIDS	FREE LIQUIDS
TestResultQC_v3	cas_rn	GC31.2U	HYDROMETER READING, PERCENT FINER THAN 0.0312 mm
TestResultQC_v3	cas_rn	GS05.5U	HYDROMETER READING, PERCENT FINER THAN 0.0055 mm
TestResultQC_v3	cas_rn	GS07.1U	HYDROMETER READING, PERCENT FINER THAN 0.0071 mm
TestResultQC_v3	cas_rn	GS07.7U	HYDROMETER READING, PERCENT FINER THAN 0.0077 mm

Table	Column	Value	Description
TestResultQC_v3	cas_rn	GS09.8U	HYDROMETER READING, PERCENT FINER THAN 0.0098 mm
TestResultQC_v3	cas_rn	GS1.3U	HYDROMETER READING, PERCENT FINER THAN 0.0013 mm
TestResultQC_v3	cas_rn	GS1.5U	HYDROMETER READING, PERCENT FINER THAN 0.0015 mm
TestResultQC_v3	cas_rn	GS10.4U	HYDROMETER READING, PERCENT FINER THAN 0.0104 mm
TestResultQC_v3	cas_rn	GS10.8U	HYDROMETER READING, PERCENT FINER THAN 0.0108 mm
TestResultQC_v3	cas_rn	GS14.4U	HYDROMETER READING, PERCENT FINER THAN 0.0144 mm
TestResultQC_v3	cas_rn	GS15.3U	HYDROMETER READING, PERCENT FINER THAN 0.0153 mm
TestResultQC_v3	cas_rn	GS16.8U	HYDROMETER READING, PERCENT FINER THAN 0.0168 mm
TestResultQC_v3	cas_rn	GS17.2U	HYDROMETER READING, PERCENT FINER THAN 0.0172 mm
TestResultQC_v3	cas_rn	GS17.5U	HYDROMETER READING, PERCENT FINER THAN 0.0175 mm
TestResultQC_v3	cas_rn	GS17.9U	HYDROMETER READING, PERCENT FINER THAN 0.0179 mm
TestResultQC_v3	cas_rn	GS18.8U	HYDROMETER READING, PERCENT FINER THAN 0.0188 mm
TestResultQC_v3	cas_rn	GS24.8U	HYDROMETER READING, PERCENT FINER THAN 0.0248 mm
TestResultQC_v3	cas_rn	GS24.9U	HYDROMETER READING, PERCENT FINER THAN 0.0249 mm
TestResultQC_v3	cas_rn	GS25.0U	HYDROMETER READING, PERCENT FINER THAN 0.0326 mm
TestResultQC_v3	cas_rn	GS25.8U	HYDROMETER READING, PERCENT FINER THAN 0.0258 mm
TestResultQC_v3	cas_rn	GS26.2U	HYDROMETER READING, PERCENT FINER THAN 0.0262 mm

Table	Column	Value	Description
TestResultQC_v3	cas_rn	GS26.6U	HYDROMETER READING, PERCENT FINER THAN 0.0266 mm
TestResultQC_v3	cas_rn	GS26.9U	HYDROMETER READING, PERCENT FINER THAN 0.0269 mm
TestResultQC_v3	cas_rn	GS28.0U	HYDROMETER READING, PERCENT FINER THAN 0.0280 mm
TestResultQC_v3	cas_rn	GS28.7U	HYDROMETER READING, PERCENT FINER THAN 0.0287 mm
TestResultQC_v3	cas_rn	GS29.1U	HYDROMETER READING, PERCENT FINER THAN 0.0291 mm
TestResultQC_v3	cas_rn	GS29.8U	HYDROMETER READING, PERCENT FINER THAN 0.0298 mm
TestResultQC_v3	cas_rn	GS3.1U	HYDROMETER READING, PERCENT FINER THAN 0.0031 mm
TestResultQC_v3	cas_rn	GS31.3U	HYDROMETER READING, PERCENT FINER THAN 0.0313 mm
TestResultQC_v3	cas_rn	GS4.2U	HYDROMETER READING, PERCENT FINER THAN 0.0042 mm
TestResultQC_v3	cas_rn	GS4.3U	HYDROMETER READING, PERCENT FINER THAN 0.0043 mm
TestResultQC_v3	cas_rn	GS4.4U	HYDROMETER READING, PERCENT FINER THAN 0.0044 mm
TestResultQC_v3	cas_rn	GS6.0U	HYDROMETER READING, PERCENT FINER THAN 0.0060 mm
TestResultQC_v3	cas_rn	GS6.1U	HYDROMETER READING, PERCENT FINER THAN 0.0061 mm
TestResultQC_v3	cas_rn	GS6.2U	HYDROMETER READING, PERCENT FINER THAN 0.0062 mm
TestResultQC_v3	cas_rn	GS6.4U	HYDROMETER READING, PERCENT FINER THAN 0.0064 mm
TestResultQC_v3	cas_rn	GS8.2U	HYDROMETER READING, PERCENT FINER THAN 0.0082 mm
TestResultQC_v3	cas_rn	GS8.3U	HYDROMETER READING, PERCENT FINER THAN 0.0083 mm

Table	Column	Value	Description
TestResultQC_v3	cas_rn	GS8.5U	HYDROMETER READING, PERCENT FINER THAN 0.0085 mm
TestResultQC_v3	cas_rn	GS8.6U	HYDROMETER READING, PERCENT FINER THAN 0.0086 mm
TestResultQC_v3	cas_rn	GS8.8U	HYDROMETER READING, PERCENT FINER THAN 0.0088 mm
TestResultQC_v3	cas_rn	GS8.9U	HYDROMETER READING, PERCENT FINER THAN 0.0089 mm
TestResultQC_v3	cas_rn	GS9.2U	HYDROMETER READING, PERCENT FINER THAN 0.0092 mm
TestResultQC_v3	cas_rn	GS9.3U	HYDROMETER READING, PERCENT FINER THAN 0.0093 mm
TestResultQC_v3	cas_rn	GS9.4U	HYDROMETER READING, PERCENT FINER THAN 0.0094 mm
TestResultQC_v3	cas_rn	HEM	N-HEXANE EXTRACTABLE MATERIALS
TestResultQC_v3	cas_rn	LIQLIM	LIQUID LIMIT
TestResultQC_v3	cas_rn	PLASIND	PLASTICITY INDEX
TestResultQC_v3	cas_rn	PLASLIM	PLASTIC LIMIT
TestResultQC_v3	cas_rn	Q1586	2-Methylnaphthalene-d10
TestResultQC_v3	cas_rn	SGTHEM	SILICA GEL TREATED N-HEXANE EXTRACTABLE MATERIAL
TestResultQC_v3	cas_rn	SIEVE12.5KU	PERCENT FINER THAN 0.5 INCH SIEVE
TestResultQC_v3	cas_rn	SIEVE24KU	PERCENT FINER THAN 1.5 INCH SIEVE
TestResultQC_v3	cas_rn	UNCMPSTRNGTH	Unconfined Compressive Strength
TestResultQC_v3	cas_rn	UNKNOWN22	UNKNOWN with 22nd highest conc.
FieldResults_v3	field_parameter	FIELD-H2S	Hydrogen Sulfide
FieldResults_v3	field_parameter	FIELD-HG	Mercury
FieldResults_v3	field_parameter	PID	Photoionization detector
TestResultQC_v3	final_volume_unit	ML/100G	milliliters per 100 grams
TestResultQC_v3	detection_limit_unit	deg F	degrees fahrenheit
TestResultQC_v3	result_unit	deg F	degrees fahrenheit
FieldResults_v3	result_unit	ppm	parts per million
TestResultQC_v3	result_unit	psf	POUNDS PER SQUARE FOOT
TestResultQC_v3	lab_anl_method_name	D2166	UNCONFINED COMPRESSIVE STRENGTH OF COHESIVE SOIL

Table	Column	Value	Description
TestResultQC_v3	lab_anl_method_name	D4318	LIQUID LIMIT, PLASTIC LIMIT, AND PLASTICITY INDEX OF SOILS
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW1010	FLASH POINT
TestResultQC_v3	lab_anl_method_name	SW1010	FLASH POINT
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW8081	ORGANOCHLORINE PESTICIDES AND PCBS AS AROCLORS BY GAS CHROMATOGRAPHY C
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW8270	GC/MS FOR SEMIVOLATILE ORGANICS (CAPILLARY COLUMN TECHNIQUE)
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW9012B	TOTAL AND AMENABLE CYANIDE
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW9034	Total Sulfide
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW9071B	SILICA GEL TREATED N-HEXANE EXTRACTABLE MATERIAL
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW9095	FREE LIQUIDS
TestResultQC_v3	lab_name_code	GEOEX	GeoTesting Express
TestResultQC_v3	lab_name_code	TAMC	Test America, N Canton
Lithology_v3	material_type	BEDROCK	BEDROCK
TestResultQC_v3	prep_method	SW9071B	n-Hexane Extractable Material (HEM) For Sludge, Sediment, and Solid Samples
TestResultQC_v3	preservative	BRCL	Bromine Chloride