ANCHOR QEA
720 Olive Way, Suite 1900
Seattle, WA 98101
T 206.287.9130
F 206.287.9131

May 14, 2015
Project No: 120980-02.01
Invoice No: 42218

Willard Potter
demaximis, inc
186 Center Street, Suite 290
Clinton, NJ 08809

Project 120980-02.01 Lower Passaic River RI/FS

Professional Services from April 01, 2015 to April 30, 2015

Task 01.01 CPG General Technical Support - CPG Technical Committee (Meetings/Calls/Documents)

Professional Personnel

		Hours	Rate	Amount
Connolly, John	4/1/2015	2.75	379.00	1,042.25
prep for TC meeting				
Connolly, John	4/2/2015	3.25	379.00	1,231.75
develop mapping presentation for TC meeting				
Connolly, John	4/3/2015	2.00	379.00	758.00
develop mapping charts for TC meeting				
Connolly, John	4/6/2015	2.50	379.00	947.50
prep for TC meeting				
Connolly, John	4/7/2015	2.00	379.00	758.00
prep for TC meeting presentation				
Connolly, John	4/8/2015	8.00	379.00	3,032.00
TC meeting				
Connolly, John	4/9/2015	8.00	379.00	3,032.00
TC meeting				
Connolly, John	4/10/2015	2.00	379.00	758.00
return from TC meeting				
Connolly, John	4/21/2015	3.50	379.00	1,326.50
Meeting to review draft FS				
Connolly, John	4/28/2015	1.00	379.00	379.00
Strategy Committee meeting				
Israelsson, Peter	4/6/2015	1.50	205.00	307.50
TC prep; review mapping slides and discuss with J.Connolly and A.Thorvaldsen; schedule estimates for documentation				
Israelsson, Peter	4/8/2015	8.00	205.00	1,640.00
TC Meeting				
Israelsson, Peter	4/10/2015	1.50	205.00	307.50
Followup on TC requests; EPA calibration; RBeach requests				
Israelsson, Peter	4/13/2015	.75	205.00	153.75
Followup on TC requests; R.Beach request				
Israelsson, Peter	4/15/2015	1.25	205.00	256.25
Followup on TC meeting requests				

Israelsson, Peter	4/16/2015	1.25	205.00	256.25	
Evaluation of EPA model calibration for R.Law					
Thorvaldsen, Alyssa	4/3/2015	.75	150.00	112.50	
GIS files for Rick Beach					
Thorvaldsen, Alyssa	4/10/2015	.25	150.00	37.50	
discuss GIS files for Rick Beach					
Thorvaldsen, Alyssa	4/13/2015	.50	150.00	75.00	
Rick Beach file request					
Thorvaldsen, Alyssa	4/27/2015	.25	150.00	37.50	
Passaic shoreline for Rick Beach					
Totals		51.00		16,448.75	
Total Labor					**16,448.75**
			Total this Task		**$16,448.75**

Task 01.05 CPG General Technical Support - EPA Interactions (Meetings/Calls/Documents)

Professional Personnel

		Hours	**Rate**	**Amount**
Connolly, John	4/6/2015	2.00	379.00	758.00
review Windward memo responding to EPA bioacumulation modeling request				
Connolly, John	4/14/2015	.50	379.00	189.50
review mapping charts to send to EPA				
Connolly, John	4/16/2015	2.00	379.00	758.00
Prep and call to review Windward modeling memo for EPA				
Connolly, John	4/20/2015	2.00	379.00	758.00
edit bioaccumulation memo for EPA				
Connolly, John	4/22/2015	1.00	379.00	379.00
edits to bioaccumulation memo for EPA				
Israelsson, Peter	4/1/2015	.50	205.00	102.50
EPA mapping requests				
Israelsson, Peter	4/10/2015	.25	205.00	51.25
prioritization of remaining EPA requests				
Israelsson, Peter	4/15/2015	.25	205.00	51.25
EPA deliverables				
Ku, Wen	4/14/2015	2.50	165.00	412.50
review/summarize EPA calibration approach				
Ku, Wen	4/15/2015	1.00	165.00	165.00
review/summarize EPA calibration approach				
Ku, Wen	4/16/2015	.25	165.00	41.25
communicate with Rob about EPA calibration approach				
Thorvaldsen, Alyssa	4/1/2015	5.50	150.00	825.00
EPA mapping meeting follow-up				
Thorvaldsen, Alyssa	4/3/2015	6.75	150.00	1,012.50
EPA mapping meeting follow-up, EPA data requests				
Thorvaldsen, Alyssa	4/6/2015	5.50	150.00	825.00
EPA GIS requests, follow-up from EPA mapping meeting				
Thorvaldsen, Alyssa	4/7/2015	5.00	150.00	750.00
EPA GIS requests, follow-up from EPA mapping meeting				
Thorvaldsen, Alyssa	4/8/2015	3.75	150.00	562.50
EPA GIS requests				

FOIA_001406_0007373

Thorvaldsen, Alyssa	4/10/2015	2.00	150.00	300.00	
discuss EPA GIS data request					
Thorvaldsen, Alyssa	4/13/2015	3.50	150.00	525.00	
EPA data request					
Thorvaldsen, Alyssa	4/14/2015	3.50	150.00	525.00	
EPA data request - duplicates					
Thorvaldsen, Alyssa	4/17/2015	2.00	150.00	300.00	
files for EPA					
Thorvaldsen, Alyssa	4/28/2015	.25	150.00	37.50	
QC files for EPA					
Thorvaldsen, Alyssa	4/29/2015	2.00	150.00	300.00	
QC files for EPA					
Thorvaldsen, Alyssa	4/30/2015	2.00	150.00	300.00	
QC files for EPA					
Totals		54.00		9,928.75	
Total Labor					**9,928.75**
			Total this Task		**$9,928.75**

Task 01.07 CPG General Technical Support - Project Management

Professional Personnel

		Hours	Rate	Amount
Connolly, John	4/3/2015	.25	379.00	94.75
weekly process check				
Connolly, John	4/10/2015	1.00	379.00	379.00
review status of project tasks				
Connolly, John	4/29/2015	.25	379.00	94.75
invoices				
Israelsson, Peter	4/6/2015	1.25	205.00	256.25
Coordination call with J.Connolly; related followup with team				
Israelsson, Peter	4/9/2015	.50	205.00	102.50
invoices/scopes				
Israelsson, Peter	4/10/2015	1.00	205.00	205.00
Coordination call with J.Connolly, J.Quadrini, R.Narayanan; invoices/budgets				
Israelsson, Peter	4/13/2015	1.25	205.00	256.25
Internal coordination calls with J.Connolly; P.Oates/W/Ku				
Israelsson, Peter	4/13/2015	1.50	205.00	307.50
Invoices and transmittal package; budgets				
Israelsson, Peter	4/16/2015	1.00	205.00	205.00
March draft invoice review				
Israelsson, Peter	4/20/2015	1.50	205.00	307.50
February final review, budget update and invoice transmittal for B.Potter				
Israelsson, Peter	4/29/2015	1.50	205.00	307.50
new scope/budget request				
Israelsson, Peter	4/30/2015	3.00	205.00	615.00
prepare scope/budget submittal				
Ku, Wen	4/13/2015	1.50	165.00	247.50
review task description in March invoice				

FOIA_001406_0007374

Ku, Wen	4/17/2015	.25	165.00	41.25	
March invoice					
Ku, Wen	4/20/2015	1.00	165.00	165.00	
review March invoice					
Meyers, Mark	4/3/2015	.75	206.00	154.50	
Internal status call					
Meyers, Mark	4/17/2015	1.00	206.00	206.00	
Internal status call					
Quadrini, James	4/3/2015	.50	267.00	133.50	
Internal process check. Review project emails.					
Quadrini, James	4/10/2015	.75	267.00	200.25	
RI call to discuss status and next steps.					
Quadrini, James	4/17/2015	.75	267.00	200.25	
RI call with dmi. Process check call with team.					
Quadrini, James	4/29/2015	.25	267.00	66.75	
Reviewed project emails.					
Totals		20.75		4,546.00	
Total Labor					**4,546.00**
			Total this Task		**$4,546.00**

Task 01.10 FS Subcommittee Support

Professional Personnel

		Hours	Rate	Amount
Connolly, John	4/6/2015	.50	379.00	189.50
review modeling status				
Connolly, John	4/10/2015	2.00	379.00	758.00
text edits to draft FS				
Connolly, John	4/20/2015	1.00	379.00	379.00
edit FS text				
Connolly, John	4/22/2015	.50	379.00	189.50
Discussions with Integral about adaptive management				
Connolly, John	4/23/2015	1.00	379.00	379.00
edit FS text				
Connolly, John	4/27/2015	.75	379.00	284.25
FS edits				
Forrest, Casey	4/6/2015	1.25	108.00	135.00
Projection processing and plotting				
Forrest, Casey	4/7/2015	.50	108.00	54.00
Projection plots				
Forrest, Casey	4/8/2015	.50	108.00	54.00
projection plotting				
Forrest, Casey	4/14/2015	3.50	108.00	378.00
Projection processing				
Forrest, Casey	4/15/2015	2.00	108.00	216.00
Projection processing and file search				
Forrest, Casey	4/29/2015	2.25	108.00	243.00
Projection documentation and model review				

FOIA_001406_0007375

Forrest, Casey	4/30/2015	2.00	108.00	216.00
Projection model documentation and review				
Israelsson, Peter	4/2/2015	.50	205.00	102.50
Coordination related to projection reruns				
Israelsson, Peter	4/6/2015	1.00	205.00	205.00
Updated projection results and related coordination				
Israelsson, Peter	4/7/2015	.50	205.00	102.50
Projection updates				
Israelsson, Peter	4/24/2015	.75	205.00	153.75
FS comments				
Israelsson, Peter	4/26/2015	3.00	205.00	615.00
Review FS comments and coordinate updates				
Israelsson, Peter	4/27/2015	5.00	205.00	1,025.00
FS comments with team; interactions with M&N and Integral; check run processing				
Israelsson, Peter	4/28/2015	1.00	205.00	205.00
Followup on FS edits/processing questions				
Israelsson, Peter	4/29/2015	.75	205.00	153.75
FS followup				
Ku, Wen	4/1/2015	1.00	165.00	165.00
develop dredge restart for Combo				
Ku, Wen	4/6/2015	3.50	165.00	577.50
review projection results; assess dredge/release impact to Alt2				
Ku, Wen	4/7/2015	2.00	165.00	330.00
review re-run projection results; assess dredge/release impact to Alt2				
Ku, Wen	4/8/2015	2.00	165.00	330.00
review/summarize projection results for the FS				
Ku, Wen	4/9/2015	1.00	165.00	165.00
summarize March projection results				
Ku, Wen	4/17/2015	1.50	165.00	247.50
respond to Marcia's request on water column conc at time0				
Ku, Wen	4/24/2015	3.00	165.00	495.00
Review FS document				
Ku, Wen	4/27/2015	1.00	165.00	165.00
QA/QC processing super cells in various output forms				
Ku, Wen	4/27/2015	3.50	165.00	577.50
review FS document				
Miyasaka, Shuhei	4/2/2015	.50	83.00	41.50
dredge loss/recontamination sensitivity analysis for projection run alt 2 and pcb2				
Miyasaka, Shuhei	4/17/2015	.75	83.00	62.25
Provided Marcia WC day 0 concentration of projection runs.				

FOIA_001406_0007376

Thorvaldsen, Alyssa	4/6/2015	1.75	150.00	262.50	
mapping files for Marcia					
Thorvaldsen, Alyssa	4/8/2015	.25	150.00	37.50	
answer question on total PCB mapping					
Thorvaldsen, Alyssa	4/14/2015	.50	150.00	75.00	
mapping files for Marcia					
Totals		52.50		9,569.00	
Total Labor					**9,569.00**
			Total this Task		**$9,569.00**

Task 02.05 Lower Passaic Remedial Investigation - Remedial Investigation Report

Professional Personnel

		Hours	Rate	Amount	
Connolly, John	4/17/2015	1.00	379.00	379.00	
prep and call with DMI on Section 3					
Dang, George	4/14/2015	6.50	96.00	624.00	
Bulk density recalculation					
Meyers, Mark	4/6/2015	.50	206.00	103.00	
check result precision on a few TCDD records from SSP and benthic sediment data					
Miyasaka, Shuhei	4/14/2015	3.00	83.00	249.00	
1)review and update bulk density values using latest export					
Narayanan, Raghav	4/10/2015	.50	128.00	64.00	
call with PHI, JQ, and JPC to go over response to comments					
Narayanan, Raghav	4/17/2015	1.00	128.00	128.00	
Call with dmi, JQ, JPC; call with rest of team					
Pendleton, Eben	4/3/2015	3.00	96.00	288.00	
QC of FOC data					
Totals		15.50		1,835.00	
Total Labor					**1,835.00**
			Total this Task		**$1,835.00**

Task 04.01 RI/FS Contaminant Fate and Transport Model - Model Framework Investigation and Enhancement

Professional Personnel

		Hours	Rate	Amount
Israelsson, Peter	4/2/2015	.75	205.00	153.75
mass balance updates				
Israelsson, Peter	4/6/2015	.75	205.00	153.75
Review update on mass balance closure analysis				
Israelsson, Peter	4/7/2015	.50	205.00	102.50
mass balance				
Israelsson, Peter	4/28/2015	1.00	205.00	205.00
Mass balance evaluations with W.Ku				
Ku, Wen	4/1/2015	2.50	165.00	412.50
assess MB closure				

FOIA_001406_0007377

Ku, Wen	4/2/2015	6.00	165.00	990.00
assess MB closure and review/summarize code settings for MB				
Ku, Wen	4/8/2015	2.00	165.00	330.00
update code to compute wc averaging only over the wet period				
Ku, Wen	4/10/2015	2.00	165.00	330.00
QC wet averaging code				
Ku, Wen	4/13/2015	.75	165.00	123.75
QC code change on wet/dry averaging				
Ku, Wen	4/15/2015	1.50	165.00	247.50
update Nov FS code to only include wet period in averaging; discuss MB				
Ku, Wen	4/20/2015	.50	165.00	82.50
discuss WC MB with Shuhei				
Ku, Wen	4/21/2015	1.00	165.00	165.00
discuss single cell MB with Shuhei				
Ku, Wen	4/22/2015	1.00	165.00	165.00
discuss single cell MB with Shuhei				
Ku, Wen	4/23/2015	2.50	165.00	412.50
discuss single cell MB with Shuhei				
Ku, Wen	4/28/2015	3.00	165.00	495.00
discuss MB; discuss sensitivity runs to assess mixing/IC;				
Ku, Wen	4/29/2015	1.50	165.00	247.50
review MB code				
Miyasaka, Shuhei	4/1/2015	3.00	83.00	249.00
chemical mass balance and flux closure analysis.				
Miyasaka, Shuhei	4/2/2015	7.50	83.00	622.50
chemical and solids mass balance and flux closure analysis.				
Miyasaka, Shuhei	4/3/2015	1.50	83.00	124.50
chemical and solids mass balance and flux closure analysis refinements				
Miyasaka, Shuhei	4/15/2015	1.00	83.00	83.00
wc mb analysis (improve closure in chemical MB).				
Miyasaka, Shuhei	4/16/2015	4.00	83.00	332.00
1)WC mass balance closure analysis/investigation				
Miyasaka, Shuhei	4/17/2015	3.50	83.00	290.50
1)WC mass balance closure analysis/investigation				
Miyasaka, Shuhei	4/20/2015	5.25	83.00	435.75
1)WC mass balance closure refinement analysis/investigation on a cell by cell (and time chunk by time chunk) basis.				
Miyasaka, Shuhei	4/21/2015	2.50	83.00	207.50
WC mass balance closure refinement analysis/investigation on a cell by cell (and time chunk by time chunk) basis.				
Miyasaka, Shuhei	4/22/2015	8.00	83.00	664.00

1)WC mass balance closure refinement analysis/investigation on a cell by cell (and time chunk by time chunk) basis.

Miyasaka, Shuhei	4/23/2015	2.50	83.00	207.50
1)WC mass balance closure refinement analysis/investigation on a cell by cell (and time chunk by time chunk) basis.				
Miyasaka, Shuhei	4/28/2015	1.00	83.00	83.00
1)WC mass balance closure refinement analysis/investigation on a cell by cell (and time chunk by time chunk) basis.				
Miyasaka, Shuhei	4/29/2015	1.75	83.00	145.25
1)WC mass balance closure refinement analysis/investigation on a cell by cell (and time chunk by time chunk) basis.				
Totals		68.75		8,060.75
Total Labor				**8,060.75**

Total this Task **$8,060.75**

Task 04.02 RI/FS Contaminant Fate and Transport Model - Supporting Analyses - Sediment COPC Mapping

Professional Personnel

		Hours	Rate	Amount
Dang, George	4/3/2015	1.50	96.00	144.00
Preparing files for EPA				
Dang, George	4/6/2015	7.00	96.00	672.00
Preparing files for EPA				
Dang, George	4/14/2015	1.00	96.00	96.00
Prep files for EPA submission				
Dang, George	4/16/2015	3.00	96.00	288.00
Interpolating subsurface Mercury for EPA transmission				
Dang, George	4/17/2015	3.50	96.00	336.00
Tetra-PCB and Total Aroclor list for dupliates field for EPA delivery				
Dang, George	4/20/2015	.50	96.00	48.00
Total PCB map edit for Marcia				
Pendleton, Eben	4/16/2015	4.00	96.00	384.00
duplicate summary				
Pendleton, Eben	4/17/2015	7.50	96.00	720.00
duplicate summary creation				
Pendleton, Eben	4/20/2015	1.50	96.00	144.00
duplicate summary				
Pendleton, Eben	4/22/2015	4.00	96.00	384.00
duplicate summary				
Pendleton, Eben	4/27/2015	2.50	96.00	240.00
data summarry QC				
Wang, Sheng	4/6/2015	.50	98.00	49.00
check TCDD res for parent-dup.				
Totals		36.50		3,505.00
Total Labor				**3,505.00**

FOIA_001406_0007379

Total this Task **$3,505.00**

Task 04.03 RI/FS Contaminant Fate and Transport Model - Supporting Analyses - CWCM Data Analysis

Professional Personnel

		Hours	Rate	Amount	
Oates, Peter Partitioning	4/28/2015	2.00	144.00	288.00	
Totals		2.00		288.00	
Total Labor					**288.00**

Total this Task **$288.00**

Task 04.04 RI/FS Contaminant Fate and Transport Model - Supporting Analyses - Model Setup and Parameterization

Professional Personnel

		Hours	Rate	Amount
Forrest, Casey Emails/discussions	4/3/2015	.25	108.00	27.00
Forrest, Casey finding files, emails	4/6/2015	.25	108.00	27.00
Forrest, Casey AOC and foc plotting	4/8/2015	.75	108.00	81.00
Forrest, Casey responding to questions	4/9/2015	.25	108.00	27.00
Forrest, Casey finding files, emails	4/10/2015	.25	108.00	27.00
Forrest, Casey files for SM	4/13/2015	.50	108.00	54.00
Forrest, Casey AOC plotting, emails, misc	4/16/2015	1.50	108.00	162.00
Forrest, Casey Counts for Wen	4/28/2015	.50	108.00	54.00
Hernandez, Cynthia Bed composition crossplot (Class 3 vs TCDD conc), meet with shuhei to explain read in data/ query	4/13/2015	1.00	85.00	85.00
Hernandez, Cynthia Bed composition crossplot (Class 3 vs TCDD conc)	4/14/2015	5.00	85.00	425.00
Hernandez, Cynthia Class 3 Solids plot + QC	4/17/2015	2.00	85.00	170.00
Hernandez, Cynthia generate and email Crossplot (TCDD vs class 3 solids version using old and new export for final QC)	4/27/2015	1.00	85.00	85.00

FOIA_001406_0007380

Hernandez, Cynthia	4/30/2015	.75	85.00	63.75	
Modify Cross plot (now plots Tetra-CB vs % fines)					
Israelsson, Peter	4/7/2015	.50	205.00	102.50	
carbon on sands analysis					
Israelsson, Peter	4/10/2015	.50	205.00	102.50	
carbon on sands					
Israelsson, Peter	4/14/2015	.75	205.00	153.75	
carbon on sand analysis					
Miyasaka, Shuhei	4/13/2015	1.00	83.00	83.00	
copc conc vs. class 3 solids correlation analysis coordination					
Miyasaka, Shuhei	4/14/2015	.50	83.00	41.50	
review copc conc vs. class 3 solids correlation analysis results					
Miyasaka, Shuhei	4/29/2015	1.75	83.00	145.25	
1)tcdd vs. % fines analysis refinement. 2)model copc results vs. % coh analysis (using Nov calib runs)					
Miyasaka, Shuhei	4/30/2015	3.00	83.00	249.00	
1)copc vs. % fines analysis refinement. 2)model copc results vs. % coh analysis (using Nov calib runs)					
Oates, Peter	4/7/2015	3.00	144.00	432.00	
carbon on sands analysis					
Oates, Peter	4/8/2015	3.00	144.00	432.00	
carbon on sands					
Oates, Peter	4/9/2015	1.00	144.00	144.00	
carbon on sands					
Pendleton, Eben	4/7/2015	8.00	96.00	768.00	
carbon on sands analysis					
Pendleton, Eben	4/8/2015	6.00	96.00	576.00	
carbon on sands analysis					
Pendleton, Eben	4/9/2015	2.50	96.00	240.00	
carbon on sands					
Pendleton, Eben	4/10/2015	4.00	96.00	384.00	
carbon on sand analysis					
Totals		49.50		5,141.25	
Total Labor					**5,141.25**
			Total this Task		**$5,141.25**

Task 04.05 RI/FS Contaminant Fate and Transport Model - Calibration

Professional Personnel

		Hours	**Rate**	**Amount**
Israelsson, Peter	4/28/2015	1.25	205.00	256.25
Review available calibraiton results and coordinate runs for reporting				
Israelsson, Peter	4/29/2015	.25	205.00	51.25

FOIA_001406_0007381

Newark Bay calibration options

Miyasaka, Shuhei	4/17/2015	1.50	83.00	124.50
relaunch v6ff aoc model to create carbon couplings with time step 45s.				
Miyasaka, Shuhei	4/20/2015	1.00	83.00	83.00
concatenate and prepare v6ff carbon couplings using time step of 45 seconds.				
Miyasaka, Shuhei	4/28/2015	4.00	83.00	332.00
1)launch short and long term calibration sensitivities for tcdd and tetra-cb (isolate effect of corrected mixing, and effect of corrected mixing and January IC)				
Miyasaka, Shuhei	4/29/2015	1.00	83.00	83.00
1)manage and post process ongoing short and long term calibration sensitivities for tcdd and tetra-cb (isolate effect of corrected mixing, and effect of corrected mixing and January IC)				
Miyasaka, Shuhei	4/30/2015	1.00	83.00	83.00
1)manage and post process ongoing short and long term calibration sensitivities for tcdd and tetra-cb (isolate effect of corrected mixing, and effect of corrected mixing and January IC)				
Totals		10.00		1,013.00
Total Labor				**1,013.00**
			Total this Task	**$1,013.00**

Task 04.06 RI/FS Contaminant Fate and Transport Model - HST - CFT - Bioaccumulation Model Feedba

Professional Personnel

		Hours	Rate	Amount
Dang, George	4/16/2015	1.00	96.00	96.00
Post processing runs with wet code				
Dang, George	4/17/2015	1.00	96.00	96.00
Post processing runs with wet code				
Dang, George	4/21/2015	6.25	96.00	600.00
Post processing calibration runs				
Granger, Erika	4/1/2015	3.50	97.00	339.50
Generating foodchain input files.				
Granger, Erika	4/6/2015	2.00	97.00	194.00
QC of bioaccumulation model input generation.				
Granger, Erika	4/7/2015	.50	97.00	48.50
Updating foodchain processor to remove FOC values above the theoretical upper bound.				
Granger, Erika	4/8/2015	1.50	97.00	145.50
Continuing to work on FOC analyses and comparisons of different treatments.				
Granger, Erika	4/9/2015	1.75	97.00	169.75
Continuing to work on FOC analyses and comparisons of different treatments.				
Granger, Erika	4/10/2015	5.00	97.00	485.00
Continuing to work on FOC analyses and comparisons of different treatments.				
Granger, Erika	4/13/2015	8.00	97.00	776.00
Continuing to work on FOC analyses and comparisons of different treatments.				

FOIA_001406_0007382

Granger, Erika	4/15/2015	7.75	97.00	751.75
Continuing to work on FOC analyses and comparisons of different treatments. Re-processing projection simulations.				
Granger, Erika	4/16/2015	6.00	97.00	582.00
Continuing to work on FOC analyses and comparisons of different treatments. Re-processing projection simulations.				
Granger, Erika	4/17/2015	7.50	97.00	727.50
Continuing to work on FOC analyses and comparisons of different treatments. Re-processing projection simulations.				
Granger, Erika	4/20/2015	7.50	97.00	727.50
Continuing to work on FOC analyses and comparisons of different treatments. Re-processing projection simulations. QC processing changes.				
Granger, Erika	4/21/2015	3.50	97.00	339.50
Continuing to work on FOC analyses and comparisons of different treatments. Re-processing projection simulations. QC processing changes.				
Granger, Erika	4/22/2015	5.25	97.00	509.25
Continuing to work on FOC analyses and comparisons of different treatments. QC processing changes.				
Granger, Erika	4/27/2015	6.00	97.00	582.00
Continuing to work on FOC analyses and comparisons of different treatments. QC processing changes.				
Israelsson, Peter	4/1/2015	.50	205.00	102.50
OC model checks				
Israelsson, Peter	4/4/2015	.25	205.00	51.25
J.Toll email				
Israelsson, Peter	4/6/2015	1.25	205.00	256.25
evaluation of OC in foodchain couplings; coordinate analysis				
Israelsson, Peter	4/7/2015	1.00	205.00	205.00
Review analysis of OC in foochain couplings; next steps				
Israelsson, Peter	4/9/2015	.75	205.00	153.75
OC issue and foodchain coupling options				
Israelsson, Peter	4/10/2015	1.25	205.00	256.25
OC investigation and revised coupling options				
Israelsson, Peter	4/15/2015	1.25	205.00	256.25
Options for foodchain coupling; call with J.Toll				
Israelsson, Peter	4/27/2015	.75	205.00	153.75
ST loading plots and coordination with M&N				
Ku, Wen	4/1/2015	1.00	165.00	165.00
assess model vs. data foc				
Ku, Wen	4/6/2015	3.50	165.00	577.50
assess low fraction of POC in the water column				
Ku, Wen	4/7/2015	4.00	165.00	660.00
evaluate POC in water column/sediment				
Ku, Wen	4/7/2015	1.50	165.00	247.50

FOIA_001406_0007383

review available model data comparision for AOC model

Ku, Wen	4/8/2015	1.00	165.00	165.00
assess bed and water column foc				
Ku, Wen	4/8/2015	1.00	165.00	165.00
summarize POC in water column/sediment				
Ku, Wen	4/9/2015	4.00	165.00	660.00
summarize POC in water column/sediment				
Ku, Wen	4/10/2015	4.00	165.00	660.00
update foodchain processing				
Ku, Wen	4/13/2015	.75	165.00	123.75
coordindate change on foodchain averages				
Ku, Wen	4/15/2015	5.00	165.00	825.00
assess/review revised foodchain input with high foc removed				
Ku, Wen	4/17/2015	.50	165.00	82.50
discuss foodchain processing				
Ku, Wen	4/17/2015	1.50	165.00	247.50
discuss model runs that only averages wet period				
Ku, Wen	4/21/2015	2.50	165.00	412.50
review revised foodchain inputs to WW				
Ku, Wen	4/22/2015	2.00	165.00	330.00
review revised foodchain inputs to WW				
Ku, Wen	4/23/2015	2.50	165.00	412.50
QC average concentration over the wet period				
Ku, Wen	4/28/2015	1.00	165.00	165.00
review foodchain wet/dry averaging results				
Miyasaka, Shuhei	4/1/2015	1.50	83.00	124.50
OC model calibration metric development				
Miyasaka, Shuhei	4/3/2015	5.50	83.00	456.50
1)model vs. data foc calibration metric development 2)review 2 layer food chain inputs using latest v6ff calibration results				
Miyasaka, Shuhei	4/6/2015	8.00	83.00	664.00
1)investigate high FOC in bottom layer of WC (for food chain input). 2)review food chain input calculation				
Miyasaka, Shuhei	4/7/2015	7.50	83.00	622.50
1)investigate FOC sensitivity based on variable FOC option in AOC model. 2) investigate high FOC in bottom layer of WC (for food chain input). 3)review food chain input calculation				
Miyasaka, Shuhei	4/7/2015	1.00	83.00	83.00
model vs. data carbon metric development/analysis				
Miyasaka, Shuhei	4/8/2015	3.25	83.00	269.75
1)investigate FOC sensitivity due to changing model calc to use only wet cells. 2) summarize high FOC in bottom layer of WC findings.				

FOIA_001406_0007384

Miyasaka, Shuhei	4/8/2015	2.50	83.00	207.50
continue model vs. data carbon metric development/analysis				
Miyasaka, Shuhei	4/9/2015	3.00	83.00	249.00
1)FOC sensitivity analysis: variable FOC option and new code that calculates daily averages only for "wet" cells. 2)data to model POC, foc on cohesive solids, and solids spatial analysis				
Miyasaka, Shuhei	4/10/2015	2.75	83.00	228.25
1)food chain input sensitivity analysis (post-processing tweaks and code changes) 2)data to model FOC and foc on cohesive solids distribution and spatial analysis.				
Miyasaka, Shuhei	4/10/2015	4.00	83.00	332.00
1)QC code that averages model results over wet period only 2)launched long and short term calibration runs using variable AOC option (AOC model framework sensitivity analysis)				
Miyasaka, Shuhei	4/13/2015	4.00	83.00	332.00
1)POC and foc on coh spatial analysis. 2)review and QC CFT code that calculates daily averages only during wet periods.				
Miyasaka, Shuhei	4/15/2015	1.75	83.00	145.25
1)rerun nov fs calibration runs with revised code that computes time-averages only for wet periods (with respect to food chain sensitivity)				
Miyasaka, Shuhei	4/15/2015	1.00	83.00	83.00
coordinate food chain processing (calibration and projections)				
Miyasaka, Shuhei	4/17/2015	1.50	83.00	124.50
post process and analyze bed temporal and wc metrics of nov calib short term re-runs (V6FF, June IC) using code that calculates daily averages for wet periods only.				
Miyasaka, Shuhei	4/20/2015	.75	83.00	62.25
relaunch nov calib short term runs (V6FF, June IC) using code that calculates daily averages for wet periods only and using carbon couplings with time step of 45 seconds				
Miyasaka, Shuhei	4/21/2015	1.50	83.00	124.50
1)analyze nov calib short term runs (V6FF, June IC) using code that calculates daily averages for wet periods only and using carbon couplings with time step of 45 seconds in the WC and bed. 2)coordinate runs to process for food chain model				
Totals		166.25		18,612.00
Total Labor				**18,612.00**
			Total this Task	**$18,612.00**

Task 04.07 RI/FS Contaminant Fate and Transport Model - Meetings and Documentation

Professional Personnel

		Hours	Rate	Amount
Connolly, John	4/7/2015	2.00	379.00	758.00
RI modeling section				
Connolly, John	4/13/2015	.50	379.00	189.50
review RI modeling chapter				
Connolly, John	4/21/2015	1.00	379.00	379.00
review modeling appendix text				
Connolly, John	4/22/2015	2.00	379.00	758.00
eidt modeling apendix draft text				

FOIA_001406_0007385

Connolly, John	4/27/2015	1.25	379.00	473.75
RI section edits				
Connolly, John	4/28/2015	1.25	379.00	473.75
RI modeling appendicies				
Dang, George	4/1/2015	4.25	96.00	408.00
Plots for TC meeting presentation				
Dang, George	4/2/2015	4.00	96.00	384.00
Plots for TC meeting presentation, call with John				
Dang, George	4/3/2015	2.00	96.00	192.00
Plots for TC meeting presentation				
Dang, George	4/7/2015	7.00	96.00	672.00
RI tables for mapping appendix				
Dang, George	4/8/2015	7.50	96.00	720.00
Text for RI mapping appendix, plot edits for recovery section				
Dang, George	4/9/2015	4.00	96.00	384.00
RI plots for apping appendix				
Dang, George	4/10/2015	6.25	96.00	600.00
Editing mapping appendix text and figures				
Dang, George	4/14/2015	1.00	96.00	96.00
RI text edits				
Dang, George	4/15/2015	4.50	96.00	432.00
Plots for mapping appendix, text review				
Dang, George	4/20/2015	6.00	96.00	576.00
Model mapping appendix tables and map edits				
Dang, George	4/21/2015	1.50	96.00	144.00
Model mapping appendix map edits				
Dang, George	4/27/2015	1.00	96.00	96.00
Section 7 figures and answering questions				
Dang, George	4/28/2015	.50	96.00	48.00
RI modeling overview meeting				
Dang, George	4/29/2015	2.50	96.00	240.00
Text on mapping differences between June 14 and January 15 ICs				
Dang, George	4/30/2015	7.50	96.00	720.00
Table of segment overlaps for mapping appendix				
Forrest, Casey	4/1/2015	3.50	108.00	378.00
research, finding files, writing				
Forrest, Casey	4/2/2015	.50	108.00	54.00
MB check in				
Forrest, Casey	4/2/2015	1.00	108.00	108.00
RI check in				
Forrest, Casey	4/3/2015	4.00	108.00	432.00

FOIA_001406_0007386

writing/kinetics				
Forrest, Casey	4/6/2015	2.50	108.00	270.00
writing/coordination				
Forrest, Casey	4/7/2015	1.25	108.00	135.00
RI process check, coordination				
Forrest, Casey	4/8/2015	.25	108.00	27.00
Updating RI plots				
Forrest, Casey	4/9/2015	.75	108.00	81.00
RI call with PO				
Forrest, Casey	4/10/2015	.75	108.00	81.00
Tetra regression plots for GD				
Forrest, Casey	4/13/2015	1.00	108.00	108.00
Plot updates				
Forrest, Casey	4/15/2015	.50	108.00	54.00
Questions and review				
Forrest, Casey	4/17/2015	1.50	108.00	162.00
Mixing text				
Forrest, Casey	4/20/2015	1.00	108.00	108.00
Mixing text updates				
Forrest, Casey	4/27/2015	2.00	108.00	216.00
Discussions, plots, coordination, new figures & tables				
Forrest, Casey	4/28/2015	4.75	108.00	513.00
modeling overview call, kinetics writing, new figures				
Forrest, Casey	4/29/2015	.25	108.00	27.00
table updates				
Forrest, Casey	4/30/2015	1.75	108.00	189.00
mixing cell count, carbon on sands review				
Granger, Erika	4/1/2015	.50	97.00	48.50
Working on draft of bioaccumulation model coupling write-up.				
Granger, Erika	4/2/2015	1.00	97.00	97.00
Continuing to work on draft of bioaccumulation model coupling write-up.				
Israelsson, Peter	4/1/2015	3.50	205.00	717.50
Revised upload of Sec7; model overview coordination				
Israelsson, Peter	4/2/2015	3.00	205.00	615.00
Edit modeling overview following P.Oates and J.Connolly edits				
Israelsson, Peter	4/3/2015	.50	205.00	102.50
Coordination on modeling overview resubmission				
Israelsson, Peter	4/6/2015	1.50	205.00	307.50
Model documentation; discussion with P.Oates and coordinate updates to Modeling Overview				
Israelsson, Peter	4/7/2015	4.75	205.00	973.75

	Modeling overview revisions from M&N/WW; generate new version; check in call on model documentation with J.Connolly			
Israelsson, Peter	4/9/2015	5.75	205.00	1,178.75
	Finalize modeling overview with team			
Israelsson, Peter	4/10/2015	2.00	205.00	410.00
	wrap up coordination on revised modeling overview draft; coordination of Sec7 updates for next week			
Israelsson, Peter	4/13/2015	3.00	205.00	615.00
	Section 7 update			
Israelsson, Peter	4/14/2015	4.00	205.00	820.00
	Section 7 update; review fluff layer text			
Israelsson, Peter	4/15/2015	2.00	205.00	410.00
	Section 7 updates			
Israelsson, Peter	4/16/2015	.50	205.00	102.50
	Sec7 followup items; ST plots			
Israelsson, Peter	4/24/2015	1.50	205.00	307.50
	Section 7 status and coordination for EPA submittal			
Israelsson, Peter	4/27/2015	4.00	205.00	820.00
	Section 7 review/edit of updated version; coordinate upload with team			
Israelsson, Peter	4/28/2015	3.75	205.00	768.75
	Call on Modeling Overview and CFT report; related coordination; mapping/mixing questions; Sec7 followup topics			
Israelsson, Peter	4/29/2015	2.50	205.00	512.50
	Coordination for Modeling Overview; carbon figures			
Israelsson, Peter	4/30/2015	1.50	205.00	307.50
	Modeling Overview; appendix report			
Ku, Wen	4/1/2015	1.50	165.00	247.50
	develop RI text for remediation			
Ku, Wen	4/7/2015	1.00	165.00	165.00
	process check			
Ku, Wen	4/7/2015	.25	165.00	41.25
	review foodchain input write-up			
Ku, Wen	4/8/2015	.50	165.00	82.50
	review remediation write-up in current FS report			
Ku, Wen	4/9/2015	.50	165.00	82.50
	review mass balance figures			
Ku, Wen	4/13/2015	.50	165.00	82.50
	process check			
Ku, Wen	4/13/2015	1.00	165.00	165.00
	review text about the fluff model			
Ku, Wen	4/20/2015	2.00	165.00	330.00

FOIA_001406_0007388

Review RI Section 7				
Ku, Wen	4/21/2015	1.00	165.00	165.00
review fluff text				
Ku, Wen	4/22/2015	1.00	165.00	165.00
review section 7 text				
Ku, Wen	4/27/2015	2.00	165.00	330.00
review/finalize Section 7				
Ku, Wen	4/28/2015	.50	165.00	82.50
process check on RI report model overview appendix				
Ku, Wen	4/29/2015	4.00	165.00	660.00
review RI model overview text; develop text for remediation				
Ku, Wen	4/30/2015	5.00	165.00	825.00
review model overview text; develop text for mixing input/IC sensitivities and P1/P2/RM10.9 remediation				
Miyasaka, Shuhei	4/1/2015	3.50	83.00	290.50
1)review modeling overview compiled figures and text references to figures. 2) solids mass balance and flux figure development (with MN)				
Miyasaka, Shuhei	4/3/2015	1.00	83.00	83.00
1)continued to add to documentation on how to run the model, post processing, and plotting.				
Miyasaka, Shuhei	4/8/2015	2.25	83.00	186.75
1)address comments on modeling overview figures.				
Miyasaka, Shuhei	4/9/2015	4.50	83.00	373.50
1)address comments on modeling overview figures. 2)provide notes on model to data matching for calibration metrics 3)coordinate updates for chemical and solids MB figures				
Miyasaka, Shuhei	4/10/2015	1.25	83.00	103.75
1)address comments on modeling overview figures. 2)coordinate updates for chemical and solids MB figures				
Miyasaka, Shuhei	4/13/2015	3.00	83.00	249.00
1)coordinate and update solids and chemical MB figures. 2)coordinate section 7 figure updates.				
Miyasaka, Shuhei	4/14/2015	4.50	83.00	373.50
1) coordinate section 7 figure updates. 2)review, document, and copy over projection results from Rooni (Nov FS reruns) 3)address ongoing section 7 modeling overview figure comments				
Miyasaka, Shuhei	4/15/2015	4.25	83.00	352.75
1)address section 7 figure comments. 2)develop cumulative solids loads plots during long term calibration period.				
Miyasaka, Shuhei	4/16/2015	1.50	83.00	124.50
1)cumulative solids loading plot refinement/analysis				
Miyasaka, Shuhei	4/21/2015	2.50	83.00	207.50
review solids cumulative loading plots as well as solids and chemical mass balance plots.				
Miyasaka, Shuhei	4/23/2015	2.00	83.00	166.00

solids loading analysis during long term calibration period.

Miyasaka, Shuhei	4/27/2015	8.00	83.00	664.00
coordinate and update section 7 figures, tables, and text for EPA submittal				
Miyasaka, Shuhei	4/28/2015	3.00	83.00	249.00
1)call to coordinate the development of text, figures, and tables of modeling overview to submit to EPA 2)update and coordinate figures and tables of modeling overview to submit to EPA				
Miyasaka, Shuhei	4/29/2015	3.50	83.00	290.50
update and coordinate figures and tables of modeling overview to submit to EPA				
Miyasaka, Shuhei	4/30/2015	4.00	83.00	332.00
1) develop model short and long term calibration tcdd and tetra-cb sensitivty plots in bed and WC (isolate effect of corrected mixing, and effect of corrected mixing and January IC) 2)summarize bed model metric analysis for modeling appendix (to support carbon on sands analysis write up)				
Narayanan, Raghav	4/1/2015	5.00	128.00	640.00
Section 7 release				
Narayanan, Raghav	4/2/2015	5.00	128.00	640.00
Modeling overview coordination				
Narayanan, Raghav	4/3/2015	2.00	128.00	256.00
Modeling overview coordination, process check				
Narayanan, Raghav	4/7/2015	1.00	128.00	128.00
Figures review				
Narayanan, Raghav	4/8/2015	1.00	128.00	128.00
Address tech edit comments				
Narayanan, Raghav	4/9/2015	3.00	128.00	384.00
Modeling overview coordination and review, discussion with CF, Toni, Shuhei				
Narayanan, Raghav	4/10/2015	3.50	128.00	448.00
Coordinate Modeling Overview release, review doc before release and address Toni's last minute edits;				
Narayanan, Raghav	4/13/2015	.50	128.00	64.00
Modeling overview review				
Narayanan, Raghav	4/14/2015	.50	128.00	64.00
Section 7 figures review				
Narayanan, Raghav	4/15/2015	1.00	128.00	128.00
Section 7 review				
Narayanan, Raghav	4/16/2015	2.00	128.00	256.00
Coordination; address data query issues				
Narayanan, Raghav	4/21/2015	.50	128.00	64.00
section 7 and appendix K discussion and coordination				
Narayanan, Raghav	4/23/2015	1.00	128.00	128.00
Review section 7				
Narayanan, Raghav	4/27/2015	8.00	128.00	1,024.00
Coordinate section 7 finalization and release; review section 7 and figures				
Narayanan, Raghav	4/28/2015	1.00	128.00	128.00
Call with team to discuss Appendix K				
Narayanan, Raghav	4/28/2015	1.00	128.00	128.00
Follow up on appendix K				
Narayanan, Raghav	4/29/2015	1.00	128.00	128.00
Follow up and review Appendix K (overview)				
Oates, Peter	4/2/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/3/2015	8.00	144.00	1,152.00

FOIA_001406_0007390

RI report				
Oates, Peter	4/6/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/7/2015	5.00	144.00	720.00
RI				
Oates, Peter	4/8/2015	5.00	144.00	720.00
RI report				
Oates, Peter	4/9/2015	7.00	144.00	1,008.00
RI report				
Oates, Peter	4/10/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/13/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/14/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/15/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/17/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/20/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/21/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/22/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/23/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/24/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/27/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/28/2015	6.00	144.00	864.00
RI report				
Oates, Peter	4/29/2015	8.00	144.00	1,152.00
RI report				
Oates, Peter	4/30/2015	7.00	144.00	1,008.00
RI report				
Pendleton, Eben	4/1/2015	3.50	96.00	336.00
RI appendices				
Pendleton, Eben	4/6/2015	6.50	96.00	624.00
Section 7 updates				

FOIA_001406_0007391

Pendleton, Eben	4/13/2015	7.50	96.00	720.00
Section 7 RI updates				
Pendleton, Eben	4/14/2015	8.00	96.00	768.00
Plot updates				
Pendleton, Eben	4/15/2015	5.00	96.00	480.00
Plot updates				
Pendleton, Eben	4/22/2015	4.00	96.00	384.00
plot updates				
Pendleton, Eben	4/23/2015	5.00	96.00	480.00
plot updates				
Pendleton, Eben	4/27/2015	2.50	96.00	240.00
plot updates				
Pendleton, Eben	4/28/2015	2.50	96.00	240.00
Appendix updates				
Pendleton, Eben	4/29/2015	.50	96.00	48.00
Appendix updates				
Pendleton, Eben	4/30/2015	4.00	96.00	384.00
Appendix updates				
Salvador, Toni	4/1/2015	1.50	94.00	141.00
Passaic RI Appendix K and Section 7 formatting and editing.				
Salvador, Toni	4/8/2015	1.00	94.00	94.00
Modeling Overview Appendix K formatting and editing.				
Salvador, Toni	4/9/2015	6.00	94.00	564.00
Modeling Overview Appendix K formatting and editing.				
Salvador, Toni	4/10/2015	2.50	94.00	235.00
Modeling Overview Appendix K formatting and editing.				
Salvador, Toni	4/27/2015	6.00	94.00	564.00
Passaic RI Section 7 formatting and editing of text, tables, and figures.				
Salvador, Toni	4/28/2015	2.00	94.00	188.00
Passaic RI project support. Formatting of appendix text, tables, and figures.				
Salvador, Toni	4/29/2015	.50	94.00	47.00
Passaic RI project support.				
Stefanec, Melissa	4/9/2015	1.25	74.00	92.50
Review and format of MN figures				
Thorvaldsen, Alyssa	4/7/2015	1.00	150.00	150.00
model mapping appendix				
Thorvaldsen, Alyssa	4/8/2015	3.50	150.00	525.00
model mapping appendix				
Thorvaldsen, Alyssa	4/10/2015	5.25	150.00	787.50
model mapping appendix, update section 7 figures				
Thorvaldsen, Alyssa	4/13/2015	2.50	150.00	375.00
section 7 figures, mapping appendix				
Thorvaldsen, Alyssa	4/14/2015	3.50	150.00	525.00
model mapping appendix				
Thorvaldsen, Alyssa	4/15/2015	6.50	150.00	975.00
model mapping appendix				
Thorvaldsen, Alyssa	4/17/2015	5.50	150.00	825.00
model mapping appendix				
Thorvaldsen, Alyssa	4/27/2015	5.25	150.00	787.50
update section 7 figure, model mapping appendix, discuss calibration targets				
Thorvaldsen, Alyssa	4/28/2015	.25	150.00	37.50

discuss model mapping appendix					
Thorvaldsen, Alyssa	4/29/2015	3.00	150.00	450.00	
text, figures					
Thorvaldsen, Alyssa	4/30/2015	3.50	150.00	525.00	
mapping differences text, overlapping segments, investigate Figure 6					
Totals		506.00		67,199.25	
Total Labor					**67,199.25**
			Total this Task		**$67,199.25**

Task 04.08 RI/FS Contaminant Fate and Transport Model - Direct Costs

Reimbursable Expenses			
Conference Calls		77.45	
Lodging		208.75	
Meals		32.60	
Transportation		15.00	
	Total Reimbursables	**333.80**	**333.80**
Unit Billing			
Mileage - eff. 2015		126.50	
	Total Units	**126.50**	**126.50**
	Total this Task		**$460.30**
	Total this Invoice		**$146,607.05**

Outstanding Invoices

Number	Date	Balance
38702	8/8/2014	-30.00
40124	11/24/2014	30.00
41685	4/3/2015	172,566.16
42034	5/4/2015	188,825.87
Total		**361,392.03**

-

Invoice cc:
Marylin Jenkins
Law Offices of Marylin Jenkins PC
220 Merrimack Street, Suite 625
Lawrence, MA 01945
Phone: 781.780.1937
Fax: 978.655.1456
mjenkins@edgcomb-law.com

ANCHOR QEA

Conference Calls
120980-02.01

Mins	Amount	Date	Topic	Host Name
54	$ 2.05	03/12/15	Check in on budget/scope/invoicing questions	Peter Israelsson
54	$ 2.05	03/12/15	Check in on budget/scope/invoicing questions	Peter Israelsson
53	$ 2.01	03/12/15	Check in on budget/scope/invoicing questions	Peter Israelsson
54	$ 2.05	03/12/15	Check in on budget/scope/invoicing questions	Peter Israelsson
			Conference Calls: 3/12	
Subtotal	**$**	**8.17**		

Mins	Amount	Date	Topic	Host Name
39	$ 1.48	03/13/15	CPGpas - FS projection	Wen Ku
37	$ 1.41	03/13/15	CPGpas - FS projection	Wen Ku
37	$ 1.41	03/13/15	CPGpas - FS projection	Wen Ku
36	$ 1.37	03/13/15	CPGpas - FS projection	Wen Ku
39	$ 1.48	03/24/15	CPGpas - mini process check	Wen Ku
41	$ 1.56	03/24/15	CPGpas - mini process check	Wen Ku
38	$ 1.44	03/24/15	CPGpas - mini process check	Wen Ku
36	$ 1.37	03/16/15	CPGpas - model settings and IC	Wen Ku
57	$ 2.17	03/16/15	CPGpas - model settings and IC	Wen Ku
57	$ 2.17	03/16/15	CPGpas - model settings and IC	Wen Ku
57	$ 2.17	03/16/15	CPGpas - model settings and IC	Wen Ku
56	$ 2.13	03/16/15	CPGpas - model settings and IC	Wen Ku
72	$ 2.74	03/13/15	CPGpas - process check	Wen Ku
60	$ 2.28	03/13/15	CPGpas - process check	Wen Ku
5	$ 0.19	03/13/15	CPGpas - process check	Wen Ku
63	$ 2.39	03/13/15	CPGpas - process check	Wen Ku
63	$ 2.39	03/13/15	CPGpas - process check	Wen Ku
91	$ 3.46	03/13/15	CPGpas - process check	Wen Ku
35	$ 1.33	03/12/15	CPGpas - task summary/transfer	Wen Ku
32	$ 1.22	03/12/15	CPGpas - task summary/transfer	Wen Ku
			Conference Calls: 3/12 - 3/16	
Subtotal	**$**	**36.14**		

Mins	Amount	Date	Topic	Host Name
16	$ 0.61	03/11/15	LPR - Foodchain Processing	Vicki List
3	$ 0.11	03/12/15	LPR - Foodchain Transfer	Vicki List
29	$ 1.10	03/12/15	LPR - Foodchain Transfer	Vicki List
31	$ 1.18	03/12/15	LPR - Foodchain Transfer	Vicki List
			Conference Calls: 3/11 - 3/12	
Subtotal	**$**	**3.00**		

Mins	Amount	Date	Topic	Host Name
45	$ 1.71	03/12/15	Passaic - check in on RI Sec 7	Peter Israelsson
10	$ 0.38	03/12/15	Passaic - check in on RI Sec 7	Peter Israelsson
37	$ 1.41	03/12/15	Passaic - check in on RI Sec 7	Peter Israelsson
30	$ 1.14	03/12/15	Passaic - check in on RI Sec 7	Peter Israelsson
42	$ 1.60	03/12/15	Passaic - check in on RI Sec 7	Peter Israelsson
42	$ 1.60	03/12/15	Passaic - check in on RI Sec 7	Peter Israelsson
			Conference Calls: 3/12	
Subtotal	**$**	**7.83**		

ANCHOR QEA

Conference Calls
120980-02.01

Mins	Amount	Date	Topic	Host Name
30	$ 1.14	03/19/15	passaic cpg: carbon on sands	Shuhei Miyasaka
24	$ 0.91	03/19/15	passaic cpg: carbon on sands	Shuhei Miyasaka
26	$ 0.99	03/19/15	passaic cpg: carbon on sands	Shuhei Miyasaka
20	$ 0.76	04/02/15	passaic cpg: chemical MB plots	Shuhei Miyasaka
16	$ 0.61	04/02/15	passaic cpg: chemical MB plots	Shuhei Miyasaka
7.472	$ 0.28	04/02/15	passaic cpg: chemical MB plots	Shuhei Miyasaka
2	$ 0.08	04/02/15	passaic cpg: chemical MB plots	Shuhei Miyasaka
			Conference Calls: 3/19 - 4/2	
Subtotal	**$**	**4.77**		

Mins	Amount	Date	Topic	Host Name
27	$ 1.03	03/23/15	Projection runs for the FS	Wen Ku
10.8344	$ 0.41	03/23/15	Projection runs for the FS	Wen Ku
28	$ 1.06	03/23/15	Projection runs for the FS	Wen Ku
13	$ 0.49	03/23/15	Projection runs for the FS	Wen Ku
4	$ 0.15	03/23/15	Projection runs for the FS	Wen Ku
			Conference Calls: 3/23	
Subtotal	**$**	**3.15**		

Mins	Amount	Date	Topic	Host Name
60	$ 2.28	03/31/15	RI Appendices check in	Casey Forrest
17	$ 0.65	03/31/15	RI Appendices check in	Casey Forrest
27	$ 1.03	03/31/15	RI Appendices check in	Casey Forrest
64	$ 2.43	03/31/15	RI Appendices check in	Casey Forrest
62	$ 2.36	03/31/15	RI Appendices check in	Casey Forrest
16	$ 0.61	03/31/15	RI Appendices check in	Casey Forrest
			Conference Calls: 3/31	
Subtotal	**$**	**9.35**		

Mins	Amount	Date	Topic	Host Name
14.5704	$ 0.55	03/10/15	Upscaling Fix and Projection	Wen Ku
39	$ 1.48	03/10/15	Upscaling Fix and Projection	Wen Ku
40	$ 1.52	03/10/15	Upscaling Fix and Projection	Wen Ku
39	$ 1.48	03/10/15	Upscaling Fix and Projection	Wen Ku
			Conference Calls: 3/10	
Subtotal	**$**	**5.04**		

COURTYARD
Marriott

Courtyard by Marriott

656 Broad Street
Newark, NJ 07102
T 973.648.0070

J Connolly

Room: 521
Room Type: GENR
Number of Guests: 1
Rate: $179.00 Clerk:

Arrive: 08Apr15 Time: 03:57PM Depart: 09Apr15 Time: Folio Number: 80513

Date	Description	Charges	Credits
08Apr15	Market Frozen Food	2.80	
08Apr15	Restaurant Tax	0.20	
08Apr15	Market Frozen Food	2.80	
08Apr15	Restaurant Tax	0.20	
08Apr15	Market Frozen Food	2.80	
08Apr15	Restaurant Tax	0.20	
08Apr15	Room Charge	179.00	
08Apr15	Occupancy Sales Tax	12.53	
08Apr15	State Occupancy Tax	1.79	
08Apr15	City Tax	10.74	
08Apr15	County Tax	2.69	
09Apr15	Visa		215.75
	Card #: VIXXXXXXXXXXXX6613/XXXX Amount: 215.75 Auth: 01032D Signature on File		
	This card was electronically swiped on 08Apr15		
	Balance:	0.00	

3.00
3.00
3.00

Lodging + $2.00 tip
no receipt

9.00 = Meals

Rewards Account # XXXXX3902. Your Rewards points/miles earned on your eligible earnings will be credited to your account. Check your Rewards Account Statement or your online Statement for updated activity.

Marriott and A Woman's Nation join forces to increase appreciation for hotel housekeepers whose care and hard work often go unnoticed.

As requested, a final copy of your bill will be emailed to you at: JPC123@OPTONLINE.NET. See "Internet Privacy Statement" on Marriott.com

COURTYARD BY MARRIOTT
Newark Downtown
658 Broad St
Newark, NJ 07102
973-848-0070
BISTRO eat drink connect

38229 Eric 1

CHK 4646 TBL 14/3
GST 1
9 APR'15 8:17 AM

1 MORN SCRAMBLE	10.95
SCRAMBLED	
BACON	
*POTATOES	
WHOLE GRAIN	
1 TALL COFFEE VERONA	2.30
1 NAKED JUICE	5.00
1 WHOLE FRUIT	1.00
BANANA	
SUBTOTAL	$19.25
TAX	$1.35

8:18 AM
TOTAL DUE $20.60

PLEASE COMPLETE FOR ROOM CHARGES

GRATUITY 3.00

TOTAL 23.00 X

ROOM NUMBER _____ Meals

PRINT LAST NAME _____

SIGNATURE _____

NJ TRANSIT
The Way To Go.

RECEIPT

04/08/2015 09:03

NJ TRANSIT Rail
01 ADULT ROUND TRIP RT-F
NYP NYP **NWK**
FARE : $10.00

TOTAL : $10.00 X Transportation

PAYMENT : Credit - AE
AMOUNT : $10.00
MERCHANT : 04050950005
TRANS. ID : 028-0158503314
ACCT NO : XXXXXXXXXXX2008
NAME : CONNOLLY/JOHN P
AUTH NO : 566448

CONNOLLY/JOHN P (Signature)

5095 NYP NYP

$2.50 - Transportation - no receipt
$2.50 - Transportation - no receipt

ANCHOR QEA

INTERNAL EXPENSES - MILEAGE
April 2014

Expense Code - A5531E

Date	Driver	Project	Task	Description	# of miles	Reimb. Exp/mile	Total Amount
4/9/2015	Connolly	120980-02.01	1.01	East Hampton to New York for TC meetings	220	0.575	$ 126.50

FOIA_001406_0007398